

# Centurion University from 2020 to 2021, no patents

*Publish or Perish 8.2.3944.8118 (extended report)*

*WinPosix (x64) edition, running on WinPosix 10.0.22000 (x64)*

## Search terms

**Keywords:** Centurion University

**Years:** 2020 to 2021

**Other options:** include citations; exclude patents

## Data retrieval

**Data source:** Google Scholar

**Search date:** 2022-06-03 14:15:10 +0530

**Cache date:** 2022-06-03 08:46:55 +0530

**Search result:** [0] No error

***Important:** This data source provides only abbreviated data. Any ellipses (... marks) shown in this report originate with the data source; they are NOT caused by subsequent processing in Publish or Perish.*

## Metrics

**Reference date:** 2022-06-03 08:46:55 +0530

**Publication years:** 2020-2021

**Citation years:** 2 (2020-2022)

**Papers:** 990

**Citations:** 1768

**Citations/year:** 884.00 (acc1=228, acc2=125, acc5=63, acc10=28, acc20=5)

**Citations/paper:** 1.79

**Authors/paper:** 2.93/3.0/3 (mean/median/mode)

**Age-weighted citation rate:** 995.50 (sqrt=31.55), 451.32/author

**Hirsch h-index:** 23 (a=3.34, m=11.50, 780 cites=44.1% coverage)

**Egghe g-index:** 30 (g/h=1.30, 906 cites=51.2% coverage)

**PoP hI<sub>norm</sub>:** 17

**PoP hI<sub>annual</sub>:** 8.50

**Fassin hA-index:** 15

## Results

**The recent challenges of highly contagious COVID-19, causing respiratory infections:**

**Symptoms, diagnosis, transmission, possible vaccines, animal models, and ...**

RK Mohapatra, L Pintilie, V Kandi, ... (2020)

Chemical Biology & ..., Wiley Online Library, cited by 84 (42.00 per year)

<https://doi.org/10.1111/cbdd.13761>

*... This study was hosted by CSSE at Johns Hopkins University, USA, to visualize and track ... Furthermore, a cat tested positive at the University of Liège in Belgium. After this issue, Shi, Wen...*

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**Recent advances in phase, size, and morphology-oriented nanostructured nickel phosphide for overall water splitting**

A Ray, S Sultana, L Paramanik, ... (2020)

Journal of Materials ..., pubs.rsc.org, cited by 80 (40.00 per year)

<https://pubs.rsc.org/en/content/articlehtml/2020/ta/d0ta05797e>

*Currently, world is dealing with two major hurdles towards a prosperous economy, ie, energy crisis and environmental pollution, which challenge the development and growth of the ...*

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**The role of small millets as functional food to combat malnutrition in developing countries**

P Banerjee, S Maitra, P Banerjee (2020)

Indian Journal of Natural ..., researchgate.net, cited by 50 (25.00 per year)

[https://www.researchgate.net/profile/Sagar-Maitra/publication/342153966\\_The\\_Role\\_of\\_Small\\_Millets\\_as\\_Functional\\_Food\\_to\\_Combat\\_Malnutrition\\_in\\_Developing\\_Countries/links/5ee7b2fa458515814a5ecc8e/The-Role-of-Small-Millets-as-Functional-Food-to-Combat-Malnutrition-in-Developing-Countries.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/342153966_The_Role_of_Small_Millets_as_Functional_Food_to_Combat_Malnutrition_in_Developing_Countries/links/5ee7b2fa458515814a5ecc8e/The-Role-of-Small-Millets-as-Functional-Food-to-Combat-Malnutrition-in-Developing-Countries.pdf)

*Small millets comes under a group of coarse cereals that are considered as staple food for the tribal people in Asia and Africa, where cultivation of major crops like rice, wheat, maize ...*

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**A review on nutritional anemia**

P Bhadra, A Deb (2020)

Indian Journal of Natural Sciences, researchgate.net, cited by 34 (17.00 per year)

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342216517\\_A\\_Review\\_on\\_Nutritional\\_Anemia/links/5f64797b458515b7cf3c102a/A-Review-on-Nutritional-Anemia.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342216517_A_Review_on_Nutritional_Anemia/links/5f64797b458515b7cf3c102a/A-Review-on-Nutritional-Anemia.pdf)

*A range of health problems can arise from nutritional deficiency. Anemia is a condition that happens when your body doesn't have enough healthy red blood cells or hemoglobin. The ...*

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**A Literature Review Onacne Due to Hormonal Changes and Lifestyle**

P Bhadra (2020)

researchgate.net, cited by 33 (16.50 per year)

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342216449\\_A\\_Literature\\_Review\\_Onacne\\_Due\\_to\\_Hormonal\\_Changes\\_and\\_Lifestyle/links/5f64786792851c14bc840be9/A-Literature-Review-Onacne-Due-to-Hormonal-Changes-and-Lifestyle.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342216449_A_Literature_Review_Onacne_Due_to_Hormonal_Changes_and_Lifestyle/links/5f64786792851c14bc840be9/A-Literature-Review-Onacne-Due-to-Hormonal-Changes-and-Lifestyle.pdf)

*Acne is a common skin disorder with more than 10 million cases per year in india. In this literature review article, we will be discussing what is acne, how is it caused, the significant ...*

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### **Targeted Therapy for Cancer in Women**

P Bhadra, A Deb (2020)

Indian Journal of Natural Sciences, researchgate.net, cited by 32 (16.00 per year)

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342684747\\_Targeted\\_Therapy\\_for\\_Cancer\\_in\\_Women/links/5f64730992851c14bc840a5a/Targeted-Therapy-for-Cancer-in-Women.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342684747_Targeted_Therapy_for_Cancer_in_Women/links/5f64730992851c14bc840a5a/Targeted-Therapy-for-Cancer-in-Women.pdf)

*Aloe vera is that the oldest healthful plant ever known and also the most applied healthful plant worldwide. Extracts of aloe could be a well-trying skin expert. aloe facilitate to assuage ...*

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### **Cinnamon: In silico Analysis targeted Therapy for Gastric Cancer**

P Bhadra (2020)

Indian Journal of Natural Sciences, researchgate.net, cited by 31 (15.50 per year)

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674668\\_Cinnamon\\_In\\_silico\\_Analysis\\_as\\_Targeted\\_Therapy\\_for\\_Gastric\\_Cancer/links/60684a5da6fdccad3f6a22e2/Cinnamon-In-silico-Analysis-as-Targeted-Therapy-for-Gastric-Cancer.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674668_Cinnamon_In_silico_Analysis_as_Targeted_Therapy_for_Gastric_Cancer/links/60684a5da6fdccad3f6a22e2/Cinnamon-In-silico-Analysis-as-Targeted-Therapy-for-Gastric-Cancer.pdf)

*Ancient India is one of the pioneers of studies of plants as medicine, ie Ayurveda. In our social and economic life we hardly take care of our food we are taking. One such unique herb is ...*

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### **Plant Abiotic Stress Responses and MicroRNAs**

P Banerjee (2020)

Advanced Agriculture, researchgate.net, cited by 31 (15.50 per year)

[https://www.researchgate.net/profile/Pradipta-Banerjee-5/publication/343586515\\_Plant\\_Abiotic\\_Stress\\_Responses\\_and\\_MicroRNAs/links/5f47aea8458515a88b73bec5/Plant-Abiotic-Stress-Responses-and-MicroRNAs.pdf](https://www.researchgate.net/profile/Pradipta-Banerjee-5/publication/343586515_Plant_Abiotic_Stress_Responses_and_MicroRNAs/links/5f47aea8458515a88b73bec5/Plant-Abiotic-Stress-Responses-and-MicroRNAs.pdf)

*Small endogenous RNAs, namely, microRNAs and small-interfering RNAs are key modulators for differential expression of genes which effect plant growth and abiotic stress responses. ...*

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### **Next-generation biological control: the need for integrating genetics and genomics**

K Leung, E Ras, KB Ferguson, S Ariëns, ... (2020)

Biological ..., Wiley Online Library, cited by 31 (15.50 per year)

<https://doi.org/10.1111/brv.12641>

*Biological control is widely successful at controlling pests, but effective biocontrol agents are now more difficult to import from countries of origin due to more restrictive international ...*

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### **An Overview of Ajwain (Trachyspermum ammi)**

P Bhadra (2020)

Indian Journal of Natural Sciences, researchgate.net, cited by 30 (15.00 per year)

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674831\\_An\\_Overview\\_of](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674831_An_Overview_of)

[Ajwain Trachyspermum ammi/links/5f647ca292851c14bc840d36/An-Overview-of-Ajwain-Trachyspermum-ammi.pdf](#)

*Trachyspermum ammi (L.) Sprague or commonly Ajwain is a herbaceous herb belonging to the family Apiaceae and vastly grows in Egypt, Iran, Pakistan, Afghanistan, and India as well ...*

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### **In Silico Analysis of Hepatoprotective Properties of Bael Leaves**

P Bhadra (2020)

Indian Journal of Natural Sciences, researchgate.net, cited by 29 (14.50 per year)

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674681\\_In\\_silico\\_Analysis\\_of\\_Hepatoprotective\\_Properties\\_of\\_Bael\\_Leaves/links/5f9cff0b92851c14bcf64560/In-silico-Analysis-of-Hepatoprotective-Properties-of-Bael-Leaves.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674681_In_silico_Analysis_of_Hepatoprotective_Properties_of_Bael_Leaves/links/5f9cff0b92851c14bcf64560/In-silico-Analysis-of-Hepatoprotective-Properties-of-Bael-Leaves.pdf)

*Ancient India is one of the pioneers of studies of plants as medicine, ie Ayurveda. In our social and economic life we hardly take care of our food we are taking. One such unique herb is ...*

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### **Triple Therapy for Cystic Fibrosis Phe508del–Gating and –Residual Function Genotypes**

SM Moskowitz, V Prieto-Centurion, ... (2021)

... England Journal of ..., Mass Medical Soc, cited by 29 (29.00 per year)

<https://doi.org/10.1056/NEJMoa2100665>

*Background Elexacaftor–tezacaftor–ivacaftor is a small-molecule cystic fibrosis transmembrane conductance regulator (CFTR) modulator regimen shown to be efficacious in patients ...*

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### **Green Chiretta (Andrographis paniculata): In silico Analysis of Therapy for Breast Cancer**

P Bhadra (2020)

Indian Journal of Natural Sciences, researchgate.net, cited by 28 (14.00 per year)

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674595\\_Green\\_Chiretta\\_Andrographis\\_paniculata\\_In\\_silico\\_Analysis\\_of\\_Therapy\\_for\\_Breast\\_Cancer/links/6112047d169a1a0103edcc87/Green-Chiretta-Andrographis-paniculata-In-silico-Analysis-of-Therapy-for-Breast-Cancer.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674595_Green_Chiretta_Andrographis_paniculata_In_silico_Analysis_of_Therapy_for_Breast_Cancer/links/6112047d169a1a0103edcc87/Green-Chiretta-Andrographis-paniculata-In-silico-Analysis-of-Therapy-for-Breast-Cancer.pdf)

*... Sc., Department of Chemistry, School of Applied Science, Centurion University of Technology ... School of Agriculture, Centurion University of Technology and Management, Odisha, India.*

...

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### **A review paper on the Tulsi plant (Ocimum sanctum)**

P Bhadra

Indian Journal of Natural Sciences, researchgate.net, cited by 28 (0.00 per year)

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674549\\_A\\_Review\\_Paper\\_on\\_Tulsi\\_Plant\\_Ocimum\\_sanctum\\_L/links/5fb430f0299bf10c36898243/A-Review-Paper-on-Tulsi-Plant-Ocimum-sanctum-L.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674549_A_Review_Paper_on_Tulsi_Plant_Ocimum_sanctum_L/links/5fb430f0299bf10c36898243/A-Review-Paper-on-Tulsi-Plant-Ocimum-sanctum-L.pdf)

*Tulsi (Ocimum sanctum L.), holly basil, is indigenous to the Indian mainland and profoundly*

*respected for its restorative uses inside the Ayurvedic and Siddha clinical frameworks. ...*

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**Efficacy of some compounds isolated from *Nyctanthes arbor-tristis* Linn. on human and plant diseases as revealed from in silico analysis**

P Bhadra (2020)

Indian Journal of Natural Sciences, researchgate.net, cited by 27 (13.50 per year)

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674742\\_Efficacy\\_of\\_Some\\_Compounds\\_Isolated\\_from\\_Nyctanthes\\_arbor-tristis\\_Linn\\_on\\_Human\\_and\\_Plant\\_Diseases\\_as\\_Revealed\\_from\\_In\\_silico\\_Analysis/links/5f9cfc4ea6fdccfd7b8deca4/Efficacy-of-Some-Compounds-Isolated-from-Nyctanthes-arbor-tristis-Linn-on-Human-and-Plant-Diseases-as-Revealed-from-In-silico-Analysis.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674742_Efficacy_of_Some_Compounds_Isolated_from_Nyctanthes_arbor-tristis_Linn_on_Human_and_Plant_Diseases_as_Revealed_from_In_silico_Analysis/links/5f9cfc4ea6fdccfd7b8deca4/Efficacy-of-Some-Compounds-Isolated-from-Nyctanthes-arbor-tristis-Linn-on-Human-and-Plant-Diseases-as-Revealed-from-In-silico-Analysis.pdf)

*Molecular docking analysis is used as an important tool in designing new drugs for different diseases. In the present study, GC-MS analysis of methanol extract of *Nyctanthes arbor-tristis* Linn. ...*

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**In-silico Analysis of Effects of Stevia Extracts on Diabetes**

P Bhadra (2020)

Indian Journal of Natural Sciences, researchgate.net, cited by 27 (13.50 per year)

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674768\\_In-silico\\_Analysis\\_of\\_Effects\\_of\\_Stevia\\_Extract\\_on\\_Diabetes/links/5f78038f458515b7cf62b5bd/In-silico-Analysis-of-Effects-of-Stevia-Extract-on-Diabetes.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674768_In-silico_Analysis_of_Effects_of_Stevia_Extract_on_Diabetes/links/5f78038f458515b7cf62b5bd/In-silico-Analysis-of-Effects-of-Stevia-Extract-on-Diabetes.pdf)

*A clinical condition, 'Diabetes' is more often associated with the release of a massive amount of toxic free radicals, which significantly decrease the level of antioxidant enzymes, ...*

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**A modernistic way for KEY generation for highly secure data transfer in ASIC design flow**

TR Patnala, D Jayanthi, S Majji, M Valleti, ... (2020)

2020 6th ..., ieeexplore.ieee.org, cited by 27 (13.50 per year)

<https://ieeexplore.ieee.org/abstract/document/9074200/>

*Present day's data security plays a vital role in digital human life. Data is a valuable asset to any organization and hence its security from external attacks is very important. Information ...*

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**In-silico Analysis of Effects of Methi Extracts on Animal Disease Gestational Diabetes**

P Bhadra (2020)

Indian Journal of Natural Sciences, researchgate.net, cited by 26 (13.00 per year)

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674868\\_In-silico\\_Analysis\\_of\\_Effects\\_of\\_Methi\\_Extract\\_on\\_Animal\\_Disease\\_Gestational\\_Diabetes/links/5f647c2d458515b7cf3c1136/In-silico-Analysis-of-Effects-of-Methi-Extract-on-Animal-Disease-Gestational-Diabetes.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674868_In-silico_Analysis_of_Effects_of_Methi_Extract_on_Animal_Disease_Gestational_Diabetes/links/5f647c2d458515b7cf3c1136/In-silico-Analysis-of-Effects-of-Methi-Extract-on-Animal-Disease-Gestational-Diabetes.pdf)

*Antiquated India is one of the pioneers of investigations of plants as medication, for example Ayurveda. In our social and monetary life we barely deal with our food we are taking. One ...*

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### **In-Silico Analysis of Inhibitory Action of Garlic against Hyperlipidemia by FAS Enzyme**

P Bhadra (2020)

Indian Journal of Natural Sciences, researchgate.net, cited by 26 (13.00 per year)

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674702\\_In-silico\\_Analysis\\_of\\_Inhibitory\\_Action\\_of\\_Garlic\\_against\\_Hyperlipidemia\\_by\\_FAS\\_Enzyme/links/5f9cfce392851c14bcf6450d/In-silico-Analysis-of-Inhibitory-Action-of-Garlic-against-Hyperlipidemia-by-FAS-Enzyme.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674702_In-silico_Analysis_of_Inhibitory_Action_of_Garlic_against_Hyperlipidemia_by_FAS_Enzyme/links/5f9cfce392851c14bcf6450d/In-silico-Analysis-of-Inhibitory-Action-of-Garlic-against-Hyperlipidemia-by-FAS-Enzyme.pdf)

*The volatile antimicrobial substance allicin (diallylthiosulphinat) is produced in garlic when the tissues are damaged and the substrate alliin (S-allyl-l-cysteine sulphoxide) mixes with ...*

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### **In silico Analysis of the Ashwagandha as Targeted Therapy for Oral Cancer**

P Bhadra (2020)

Indian Journal of Natural Sciences, researchgate.net, cited by 26 (13.00 per year)

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674751\\_In\\_silico\\_Analysis\\_of\\_the\\_Ashwagandhaas\\_Targeted\\_Therapy\\_for\\_Oral\\_Cancer/links/5f6f6bb9458515b7cf50d3c0/In-silico-Analysis-of-the-Ashwagandhaas-Targeted-Therapy-for-Oral-Cancer.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674751_In_silico_Analysis_of_the_Ashwagandhaas_Targeted_Therapy_for_Oral_Cancer/links/5f6f6bb9458515b7cf50d3c0/In-silico-Analysis-of-the-Ashwagandhaas-Targeted-Therapy-for-Oral-Cancer.pdf)

*Ancient India is one of the pioneers of studies of plants as medicine, ie Ayurveda. In our social and economic life we hardly take care of our food we are taking. One such unique herb is ...*

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### **A Review on Antimicrobial and Phytochemical Effects of Amla In Skin Care (Anti-Aging)**

P Bhadra (2020)

Indian Journal of Natural Sciences, researchgate.net, cited by 25 (12.50 per year)

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674408\\_A\\_Review\\_on\\_Antimicrobial\\_and\\_Phytochemical\\_Effects\\_of\\_Amla\\_in\\_Skin\\_Care\\_Anti-Aging/links/602a5312a6fdcc37a8298e07/A-Review-on-Antimicrobial-and-Phytochemical-Effects-of-Amla-in-Skin-Care-Anti-Aging.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674408_A_Review_on_Antimicrobial_and_Phytochemical_Effects_of_Amla_in_Skin_Care_Anti-Aging/links/602a5312a6fdcc37a8298e07/A-Review-on-Antimicrobial-and-Phytochemical-Effects-of-Amla-in-Skin-Care-Anti-Aging.pdf)

*20850 ordinary DNA polymerase  $\beta$ . Viability of these mixes includes configuration/taking from the databases of these atoms that are likely to follow up on the bimolecular objective. DNA ...*

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### **Evaluation of gerbera (Gerbera jamesonii L.) cultivars for growth, yield and flower quality under protected cultivation**

S Maitra, T Shankar, M Sairam, ... (2020)

Indian Journal of Natural ..., researchgate.net, cited by 23 (11.50 per year)

[https://www.researchgate.net/profile/Sagar-Maitra/publication/342082642\\_Evaluation\\_of\\_Gerbera\\_Gerbera\\_jamesonii\\_L\\_Cultivars\\_for\\_Growth\\_Yield\\_and\\_Flower\\_Quality\\_under\\_Protected\\_Cultivation/links/5ee11ed4299bf1b17a8b678a/Evaluation-of-Gerbera-Gerbera-jamesonii-L-Cultivars-for-Growth-Yield-and-Flower-Quality-under-Protected-Cultivation.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/342082642_Evaluation_of_Gerbera_Gerbera_jamesonii_L_Cultivars_for_Growth_Yield_and_Flower_Quality_under_Protected_Cultivation/links/5ee11ed4299bf1b17a8b678a/Evaluation-of-Gerbera-Gerbera-jamesonii-L-Cultivars-for-Growth-Yield-and-Flower-Quality-under-Protected-Cultivation.pdf)

*... The present investigation was carried out during 2018-2019 at the Protected Cultivation Unit of MS Swaminathan School of Agriculture, Centurion University of Technology and ...*

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### **The Role of Personalized Nutrition in Human Physiological Disorders**

P Bhadra, P Banerjee (2020)

Biosc. Biotech. Res. Comm, researchgate.net, cited by 23 (11.50 per year)

[https://www.researchgate.net/profile/Pradipta-Banerjee-5/publication/349029922\\_The\\_Role\\_of\\_Personalized\\_Nutrition\\_in\\_Human\\_Physiological\\_Disorders/links/601be71b92851c4ed5497ffe/The-Role-of-Personalized-Nutrition-in-Human-Physiological-Disorders.pdf](https://www.researchgate.net/profile/Pradipta-Banerjee-5/publication/349029922_The_Role_of_Personalized_Nutrition_in_Human_Physiological_Disorders/links/601be71b92851c4ed5497ffe/The-Role-of-Personalized-Nutrition-in-Human-Physiological-Disorders.pdf)

*The nutrients in regular diet are considered as environmental factors which have long-term effect on human genome. Personalized nutrition includes nutrigenetics and nutrigenomics ...*

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### **In-silico analysis of Roselle (Hibiscus sabdariffa L.) for Antidiabetic**

P Bhadra (2020)

Indian Journal of Natural Sciences, researchgate.net, cited by 21 (10.50 per year)

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674684\\_In-silico\\_Analysis\\_of\\_Roselle\\_Hibiscus\\_sabdariffa\\_L\\_for\\_Antidiabetic/links/5f9cfee8299bf1b53e546fcd/In-silico-Analysis-of-Roselle-Hibiscus-sabdariffa-L-for-Antidiabetic.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674684_In-silico_Analysis_of_Roselle_Hibiscus_sabdariffa_L_for_Antidiabetic/links/5f9cfee8299bf1b53e546fcd/In-silico-Analysis-of-Roselle-Hibiscus-sabdariffa-L-for-Antidiabetic.pdf)

*The research was conducted by in silico docking of protein enzyme Phosphoenolpyruvate Carboxykinase (PEPCK) with Roselle Calyces (Hibiscus sabdariffa L.) chemical compounds. ...*

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### **A Study on the Comprehensive Analysis of Electro Migration for the Nano technology trends**

S Majji, TR Patnala, M Valleti, ... (2020)

2020 6th ..., ieeexplore.ieee.org, cited by 21 (10.50 per year)

<https://ieeexplore.ieee.org/abstract/document/9074328/>

*As technology advances towards lower nodes, chip industry facing severe challenges from its counterpart node with the narrow interconnects. Density of current becomes more affected ...*

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### **Omicron (B. 1.1. 529 variant of SARS-CoV-2); an emerging threat: current global scenario**

RK Mohapatra, AK Sarangi, V Kandi, ... (2021)

Journal of medical ..., Wiley Online Library, cited by 20 (20.00 per year)

<https://doi.org/10.1002/jmv.27561>

*The Coronavirus disease (COVID-19), caused by severe acute respiratory syndrome coronavirus -2 (SARS-CoV-2) and its various emerging variants, is posing very high health threats ...*

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### **Leaf Disease Detection using Support Vector Machine**

D Das, M Singh, SS Mohanty, ... (2020)

... on Communication and ..., ieeexplore.ieee.org, cited by 17 (8.50 per year)

<https://ieeexplore.ieee.org/abstract/document/9182128/>

*Agriculture is the most important sector in Indian economy. India occupies the second highest rank in farm outputs in the world. Its contribution to the development of Indian economy ...*

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**Zinc biofortification in food crops could alleviate the zinc malnutrition in human health**

S Praharaj, M Skalicky, S Maitra, P Bhadra, T Shankar, ... (2021)

Molecules, mdpi.com, cited by 16 (16.00 per year)

<https://www.mdpi.com/1143332>

*Micronutrient malnutrition is a global health issue and needs immediate attention. Over two billion people across the globe suffer from micronutrient malnutrition. The widespread zinc (...*

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**Crucial cell signaling compounds crosstalk and integrative multi-omics techniques for salinity stress tolerance in plants**

RK Singhal, D Saha, M Skalicky, UN Mishra, ... (2021)

Frontiers in Plant ..., frontiersin.org, cited by 16 (16.00 per year)

<https://doi.org/10.3389/fpls.2021.670369>

*In the present climatic change scenario, abiotic stresses are the primary cause for yield gap in major agricultural crops. Among them, salinity is considered as calamitous stress for its ...*

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**Rapid Synthesis and Characterization of Pure and Cobalt Doped Zinc Aluminate Nanoparticles via Microwave Assisted Combustion Method**

S Ramachandran, CS Dash, ... (2020)

... of Nanoscience and ..., ingentaconnect.com, cited by 15 (7.50 per year)

<https://www.ingentaconnect.com/contentone/asp/jnn/2020/00000020/00000004/art00047>

*Zn<sub>1-x</sub>Co<sub>x</sub>Al<sub>2</sub>O<sub>4</sub> (0 ≤ x ≤ 0.5) nanoparticles were synthesized employing L-alanine as fuel using MACT (microwave assisted combustion technique). The synthesized samples were ...*

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**Defining the concept of 'family farming': periphery and history**

R Palli, A Deb (2020)

Editorial Board, ijmer.s3.amazonaws.com, cited by 14 (7.00 per year)

[http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4\(8\)-2020.pdf#page=180](http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4(8)-2020.pdf#page=180)

*Across the nation, traditional farm based livelihood system varied from the society to society, which curved the history of food self-sufficiency. In recent past, paradigm of farming system ...*

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**Space utilization dimensions of family farms: a case of East Singhbhum, Jharkhand**

R Palli, A Deb (2020)

Editorial Board, ijmer.s3.amazonaws.com, cited by 14 (7.00 per year)

[http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4\(8\)-2020.pdf#page=207](http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4(8)-2020.pdf#page=207)

*Family based Farming System as a notion is fundamentally space related, time associated and*



*relation oriented. But then, space related dimensions are intrinsic feature of Farming ...*

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**Sustainable and Efficient Route for the Regeneration of Carbonyl Compounds from Oximes Using Aqueous Extract of *Sapindus laurifolia* under Microwave Radiation**

D Das, RK Mohapatra, PK Parhi, AK Sarangi, ... (2020)

ACS ..., ACS Publications, cited by 14 (7.00 per year)

<https://doi.org/10.1021/acsomega.0c00774>

*The synthesis of organic compounds using aqueous medium has become an indispensable tool for modern chemical synthesis strategies because of its ability to produce pure products ...*

-----

**The Role of *Allium sativum* Extract in Treating *Aeromonas* Infection of *Labeo rohita***

A Rout, P Banerjee, P Bhadra (2020)

Biosc. Biotech. Res. Comm, researchgate.net, cited by 14 (7.00 per year)

[https://www.researchgate.net/profile/Pradipta-Banerjee-5/publication/349053339\\_The\\_Role\\_of\\_Allium\\_sativum\\_Extract\\_in\\_Treating\\_Aeromonas\\_Infection\\_of\\_Labeo\\_rohita/links/601cfa6892851c4ed54bec8c/The-Role-of-Allium-sativum-Extract-in-Treating-Aeromonas-Infection-of-Labeo-rohita.pdf](https://www.researchgate.net/profile/Pradipta-Banerjee-5/publication/349053339_The_Role_of_Allium_sativum_Extract_in_Treating_Aeromonas_Infection_of_Labeo_rohita/links/601cfa6892851c4ed54bec8c/The-Role-of-Allium-sativum-Extract-in-Treating-Aeromonas-Infection-of-Labeo-rohita.pdf)

*The *Aeromonas* species of gram negative bacteria is a motile, pathogenic species which is generally seen in the various bacterial diseased fishes that are known to host various fresh ...*

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**Common marine organisms: A novel source of medicinal compounds**

H Singh, A Parida, K Debbarma, DP Ray, ... (2020)

International Journal ..., researchgate.net, cited by 13 (6.50 per year)

[https://www.researchgate.net/profile/Pradipta-Banerjee-5/publication/350604991\\_Common\\_Marine\\_Organisms\\_A\\_Novel\\_Source\\_of\\_Medicinal\\_Compounds/links/6068535e458515614d2eee9d/Common-Marine-Organisms-A-Novel-Source-of-Medicinal-Compounds.pdf](https://www.researchgate.net/profile/Pradipta-Banerjee-5/publication/350604991_Common_Marine_Organisms_A_Novel_Source_of_Medicinal_Compounds/links/6068535e458515614d2eee9d/Common-Marine-Organisms-A-Novel-Source-of-Medicinal-Compounds.pdf)

*Marine environment represents innumerable and various resources for the advancement of new drugs to fight major diseases. It is an excellent ecological resource that comprises of ...*

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**Mini-Review on Strigolactones: Newly Discovered Plant Hormones**

P Banerjee, P Bhadra (2020)

Bioresource Biotechnology Research ..., researchgate.net, cited by 13 (6.50 per year)

[https://www.researchgate.net/profile/Pradipta-Banerjee-5/publication/343530928\\_728\\_A\\_Society\\_of\\_Science\\_and\\_Nature\\_Publication\\_Bhopal\\_India\\_2020\\_All\\_rights\\_reserved\\_Biosc/links/5f2ed1e8458515b7290fc3fa/728-A-Society-of-Science-and-Nature-Publication-Bhopal-India-2020-All-rights-reserved-Biosc.pdf](https://www.researchgate.net/profile/Pradipta-Banerjee-5/publication/343530928_728_A_Society_of_Science_and_Nature_Publication_Bhopal_India_2020_All_rights_reserved_Biosc/links/5f2ed1e8458515b7290fc3fa/728-A-Society-of-Science-and-Nature-Publication-Bhopal-India-2020-All-rights-reserved-Biosc.pdf)

*Plant growth and development are dependent upon complex biochemical reactions where phyto-hormones are key players. Recent scientific developments in the research field of crop ...*

-----

**Indigenous Traditional Knowledge (Itk) In Agriculture: Cases From Srikakulam District, Andhra Pradesh**

R Palli, D Atanu (2020)

Editorial Board, ijmer.s3.amazonaws.com, cited by 13 (6.50 per year)

[http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4\(8\)-2020.pdf#page=173](http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4(8)-2020.pdf#page=173)

*Across the nation, traditional knowledge system of agriculture varied from the society to society, which curved the history of food self-sufficiency. For centuries, farmers of the nation have ...*

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**In silico analysis of the cumin as targeted therapy for diarrhoea**

AK Behera, P Bhadra (2020)

Editorial Board, ijmer.s3.amazonaws.com, cited by 13 (6.50 per year)

[http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4\(10\)-2020.pdf#page=166](http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4(10)-2020.pdf#page=166)

*Ancient India is one of the pioneers of studies of plants as medicine, ie Ayurveda. In our social and economic life we hardly take care of our food we are taking. Cumin (Cuminum ...*

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**Influence of integrated nutrient management on growth and yield attributes of summer rice (Oryza sativa L.)**

T Shankar, S Maitra, MS Ram, R Mahapatra (2020)

Crop Research, researchgate.net, cited by 13 (6.50 per year)

[https://www.researchgate.net/profile/Tanmoy-Shankar/publication/340629498\\_Influence\\_of\\_integrated\\_nutrient\\_management\\_on\\_growth\\_and\\_yield\\_attributes\\_of\\_summer\\_rice\\_Oryza\\_sativa\\_L/links/5e95da3c299bf1307997c1bf/Influence-of-integrated-nutrient-management-on-growth-and-yield-attributes-of-summer-rice-Oryza-sativa-L.pdf](https://www.researchgate.net/profile/Tanmoy-Shankar/publication/340629498_Influence_of_integrated_nutrient_management_on_growth_and_yield_attributes_of_summer_rice_Oryza_sativa_L/links/5e95da3c299bf1307997c1bf/Influence-of-integrated-nutrient-management-on-growth-and-yield-attributes-of-summer-rice-Oryza-sativa-L.pdf)

*The experiment was conducted during 2015-16 at farmers' field of Binuria (23 o40'N and 87 o39'E) village of Birbhum, West Bengal, under the red and lateritic belt. The experiment was ...*

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**Role of extension workers and institutions in 'agricultural technology transfer.'**

R Palli, A Deb (2020)

Editorial Board, ijmer.s3.amazonaws.com, cited by 13 (6.50 per year)

[http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4\(8\)-2020.pdf#page=187](http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4(8)-2020.pdf#page=187)

*Man/Woman, by virtue, is a social animal. People are interdependent in a society. Various factors and web of several relationships created a symbiotic relationship among the dwellers ...*

-----

**Synthesis and characterization of some binuclear metal complexes with a pentadentate azodye ligand: an experimental and theoretical study**

AK Sarangi, BB Mahapatra, ... (2020)

Applied ..., Wiley Online Library, cited by 11 (5.50 per year)

<https://doi.org/10.1002/aoc.5693>

*A novel series of binuclear complexes with Mn(II), Co(II), Ni(II), Cu(II), Zn(II), and Cd(II) ions*

*derived from a pentadentate azo dye ligand (H 3 L) was synthesized and structurally ...*

-----

**Yield Attributes, yield, competitive ability and economics of summer maize-legume intercropping system**

P Manasa, S Maitra, S Barman (2020)

International Journal of ..., indianjournals.com, cited by 11 (5.50 per year)

<https://www.indianjournals.com/ijor.aspx?target=ijor:ijaeb&volume=13&issue=1&article=004>

*... , Centurion University of Technology and Management, Gajapati district, Odisha. The experiment was laid out in randomized complete block design and the treatments were comprised ...*

-----

**The relation of workplace spirituality with employees' innovative work behaviour: the mediating role of psychological empowerment**

T Bantha, U Nayak (2020)

Journal of Indian Business Research, emerald.com, cited by 11 (5.50 per year)

<https://doi.org/10.1108/JIBR-03-2020-0067>

*Purpose The purpose of the paper is to examine the relationship between workplace spirituality and employees' innovative work behaviour and also to check the mediating role of ...*

-----

**Frequency control in hybrid distributed power systems via type-2 fuzzy PID controller**

R Kumar Khadanga, A Kumar, ... (2021)

IET Renewable Power ..., Wiley Online Library, cited by 11 (11.00 per year)

<https://doi.org/10.1049/rpg2.12140>

*In this research article, a novel approach is proposed by considering a modified equilibrium optimization (MEO) algorithm based "interval type-2 fuzzy proportional integral derivative (...*

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**In silico analysis of the peppermint as targeted therapy for typhoid**

G Gouda, P Bhadra (2020)

Editorial Board, ijmer.s3.amazonaws.com, cited by 11 (5.50 per year)

[http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4\(10\)-2020.pdf#page=97](http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4(10)-2020.pdf#page=97)

*As aboriginal sources of medications, medicinal plants are used from the ancient times. Andrographis paniculata is one of the highly used potential medicinal plants in the world. This*

...

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**In silico analysis of the cinnamon as targeted biopesticides having no side effect**

D Pradhan, P Bhadra (2020)

Editorial Board, ijmer.s3.amazonaws.com, cited by 11 (5.50 per year)

[http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4\(10\)-2020.pdf#page=156](http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4(10)-2020.pdf#page=156)

*Ancient India is one of the pioneers of studies of plants as medicine, ie Ayurveda. In our social and economic life we hardly take care of our food we are taking. One such unique herb is ...*

-----

**In silico analysis of the cinnamomum as targeted therapy for gastric cancer**

D Pradhan, P Bhadra (2020)

Editorial Board, ijmer.s3.amazonaws.com, cited by 11 (5.50 per year)

[http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4\(10\)-2020.pdf#page=176](http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4(10)-2020.pdf#page=176)

*Ancient India is one of the pioneers of studies of plants as medicine, ie Ayurveda. In our social and economic life we hardly take care of our food we are taking. One such unique herb is ...*

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**In silico analysis of the green chiretta (Andrographis paniculata) as targeted therapy for breast cancer**

PT Reddy, P Bhadra (2020)

Editorial Board, ijmer.s3.amazonaws.com, cited by 11 (5.50 per year)

[http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4\(10\)-2020.pdf#page=126](http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4(10)-2020.pdf#page=126)

*As aboriginal sources of medications, medicinal plants are used from the ancient times. Andrographis paniculata is one of the highly used potential medicinal plants in the world. This*

...

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**Reduced graphene oxide synthesis by dry planetary ball milling technique under hydrogen atmosphere**

BB Palei, T Dash, SK Biswal (2020)

IOP Conference Series: Materials ..., iopscience.iop.org, cited by 11 (5.50 per year)

<https://doi.org/10.1088/1757-899X/872/1/012158>

*This study reports a new, versatile and eco-friendly approach to produce high quality and high purity reduced graphene oxide (graphene) from natural graphite by dry planetary ball ...*

-----

**Productivity, nutrient uptake and nutrient use efficiency of summer rice (Oryza sativa) as influenced by integrated nutrient management practices.**

M Ram, T Shankar, S Maitra, R Adhikary, ... (2020)

Crop Research (0970 ..., researchgate.net, cited by 11 (5.50 per year)

[https://www.researchgate.net/profile/Sagar-Maitra/publication/343513914\\_Productivity\\_nutrient\\_uptake\\_and\\_nutrient\\_use\\_efficiency\\_of\\_summer\\_rice\\_Oryza\\_sativa\\_as\\_influenced\\_by\\_integrated\\_nutrient\\_management\\_practices/links/5f2d8f22299bf13404ad8fc9/Productivity-nutrient-uptake-and-nutrient-use-efficiency-of-summer-rice-Oryza-sativa-as-influenced-by-integrated-nutrient-management-practices.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/343513914_Productivity_nutrient_uptake_and_nutrient_use_efficiency_of_summer_rice_Oryza_sativa_as_influenced_by_integrated_nutrient_management_practices/links/5f2d8f22299bf13404ad8fc9/Productivity-nutrient-uptake-and-nutrient-use-efficiency-of-summer-rice-Oryza-sativa-as-influenced-by-integrated-nutrient-management-practices.pdf)

*Rice is the staple food crop of India and for sustainable production of rice integrated nutrient management is advised. In this regard, a field experiment was conducted during summer ...*

-----

**Ethnobotanical survey of medicinal plants of Kantapada block of Cuttack district, Odisha, India**

H Sahoo, G Mahalik (2020)

International Journal of Biosciences, researchgate.net, cited by 10 (5.00 per year)

[https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/341794027\\_Ethnobotanical\\_survey\\_of\\_medicinal\\_plants\\_of\\_Kantapada\\_block\\_of\\_Cuttack\\_district\\_Odisha\\_India/links/5ed523ef92851c9c5e720b39/Ethnobotanical-survey-of-medicinal-plants-of-Kantapada-block-of-Cuttack-district-Odisha-India.pdf](https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/341794027_Ethnobotanical_survey_of_medicinal_plants_of_Kantapada_block_of_Cuttack_district_Odisha_India/links/5ed523ef92851c9c5e720b39/Ethnobotanical-survey-of-medicinal-plants-of-Kantapada-block-of-Cuttack-district-Odisha-India.pdf)

*This study documents the species of medicinal plants used by traditional healers and local villagers to cure different diseases. Plants were documented on the basis of plant parts used, ...*

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**Easy performance based learning of arduino and sensors through Tinkercad**

BN Mohapatra, RK Mohapatra, J Jijnyasa, ... (2020)

International Journal of ..., cyberleninka.ru, cited by 10 (5.00 per year)

<https://cyberleninka.ru/article/n/easy-performance-based-learning-of-arduino-and-sensors-through-tinkercad>

*... Badri Narayan Mohapatra started his research on communication in Centurion University, Odisha. He did his BE from Berhampur University and M.Tech From Biju Pattanaik ...*

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**Removal of congo red dye from aqueous solution using zinc oxide nanoparticles synthesised from Ocimum sanctum (Tulsi leaf): a green approach**

A Nayak, JK Sahoo, SK Sahoo, ... (2020)

International Journal of ..., Taylor & Francis, cited by 9 (4.50 per year)

<https://doi.org/10.1080/03067319.2020.1842386>

*In this study, we synthesised ZnO (zinc oxide) NPs from Ocimum sanctum (Indian Tulsi leaves) through green approach using zinc nitrate and sodium hydroxide as main materials and ...*

-----

**Entropy optimized Darcy-Forchheimer slip flow of Fe<sub>3</sub>O<sub>4</sub>-CH<sub>2</sub>OH<sub>2</sub> nanofluid past a stretching/shrinking rotating disk**

MK Nayak, A Patra, S Shaw, A Misra (2021)

Heat Transfer, Wiley Online Library, cited by 8 (8.00 per year)

<https://doi.org/10.1002/htj.21987>

*Ferrofluids are made out of nanoscale ferromagnetic particles and known as colloidal liquids suspended on a bearer liquid, normally water (H<sub>2</sub>O) or an organic solvent like kerosene. ...*

-----

**Scope for adoption of intercropping system in organic agriculture**

S Maitra, HI Gitari (2020)

Indian Journal of Natural Sciences, researchgate.net, cited by 8 (4.00 per year)

[https://www.researchgate.net/profile/Sagar-Maitra/publication/347444438\\_Scope\\_for\\_Adoption](https://www.researchgate.net/profile/Sagar-Maitra/publication/347444438_Scope_for_Adoption)

[of Intercropping System in Organic Agriculture/links/5fdc6caf299bf140881d0467/Scope-for-Adoption-of-Intercropping-System-in-Organic-Agriculture.pdf](#)

*Intercropping, also known as multi-cropping or poly culture, is an age-old agricultural practice that involves the growing of diversified crop species in close proximity such that they ...*

-----

**Fani, an outlier among pre-monsoon intra-seasonal cyclones over bay of Bengal**

SP Mishra, KC Sethi, AC Ojha, ... (2020)

International Journal on ..., researchgate.net, cited by 8 (4.00 per year)

[https://www.researchgate.net/profile/Siba-Mishra/publication/340918011\\_Fani\\_an\\_Outlier\\_among\\_Pre-monsoon\\_Intra-Seasonal\\_Cyclones\\_over\\_Bay\\_of\\_Bengal/links/5ea417d692851c1a906d34d3/Fani-an-Outlier-among-Pre-monsoon-Intra-Seasonal-Cyclones-over-Bay-of-Bengal.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/340918011_Fani_an_Outlier_among_Pre-monsoon_Intra-Seasonal_Cyclones_over_Bay_of_Bengal/links/5ea417d692851c1a906d34d3/Fani-an-Outlier-among-Pre-monsoon-Intra-Seasonal-Cyclones-over-Bay-of-Bengal.pdf)

*... 1Department of Civil Engineering, Centurion University of Technology and Management, Jatni (Odisha), India. 2Department of Computer Science and Engineering, Centurion University*

...

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**Insights to plant immunity: Defense signaling to epigenetics**

GK Panigrahi, A Sahoo, KB Satapathy (2021)

Physiological and Molecular Plant ..., Elsevier, cited by 8 (8.00 per year)

<https://www.sciencedirect.com/science/article/pii/S0885576520302368>

*... Authors thank the administration and management of Centurion University of Technology and Management, Odisha, India and Institute of Life Sciences, Odisha, India for their heartfelt ...*

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**Optical, structural, and antimicrobial study of gold nanoparticles synthesized using an aqueous extract of mimusops elengi raw fruits**

A Tripathy, M Behera, AS Rout, SK Biswal, ... (2020)

... Res. Appl. Chem, researchgate.net, cited by 8 (4.00 per year)

[https://www.researchgate.net/profile/Ajit-Phule/publication/342077505\\_Optical\\_Structural\\_and\\_Antimicrobial\\_Study\\_of\\_Gold\\_nanoparticles\\_Synthesized\\_Using\\_an\\_Aqueous\\_Extract\\_of\\_Mimusops\\_elengi\\_Raw\\_Fruits/links/5ee0d8a792851cf1386f6873/Optical-Structural-and-Antimicrobial-Study-of-Gold-nanoparticles-Synthesized-Using-an-Aqueous-Extract-of-Mimusops-elengi-Raw-Fruits.pdf](https://www.researchgate.net/profile/Ajit-Phule/publication/342077505_Optical_Structural_and_Antimicrobial_Study_of_Gold_nanoparticles_Synthesized_Using_an_Aqueous_Extract_of_Mimusops_elengi_Raw_Fruits/links/5ee0d8a792851cf1386f6873/Optical-Structural-and-Antimicrobial-Study-of-Gold-nanoparticles-Synthesized-Using-an-Aqueous-Extract-of-Mimusops-elengi-Raw-Fruits.pdf)

*Gold nanoparticles (AuNPs) has been synthesized via a green route using an aqueous extract of Mimusops elengi raw fruits. The phytochemicals of the fruit help in stabilizing and ...*

-----

**Crop establishment methods and integrated nutrient management improve: Part i. crop performance, water productivity and profitability of rice (Oryza sativa L.) in the ...**

A Midya, BK Saren, JK Dey, S Maitra, S Praharaaj, ... (2021)

Agronomy, mdpi.com, cited by 8 (8.00 per year)

<https://www.mdpi.com/1273788>

*In the eastern part of India, rice as the most vital staple food crop supports as well the livelihood security of a vast population. Rice is mostly grown under conventional flooded culture ...*

-----

**A review on plant leaf diseases detection and classification based on machine learning models**

S Swain, SK Nayak, SS Barik (2020)

Mukt shabd, shabdbooks.com, cited by 7 (3.50 per year)

<http://www.shabdbooks.com/gallery/525-june2020.pdf>

*For farmers, India is very famous in agriculture. The economic growths for all nations are dependent on agricultural products. Due to plant diseases, the quantity and quality of ...*

-----

**Oral RNAi toxicity assay suggests clathrin heavy chain as a promising molecular target for controlling the 28-spotted potato ladybird, Henosepilachna ...**

M Guo, S Nanda, S Chen, J Lü, C Yang, ... (2021)

Pest Management ..., Wiley Online Library, cited by 7 (7.00 per year)

<https://doi.org/10.1002/ps.6594>

*BACKGROUND Use of RNA interference (RNAi) technology in effective pest management has been explored for decades. Henosepilachna vigintioctopunctata is a major solanaceous ...*

-----

**Importance of Pharmacists as a Front Line Warrior in Improving Medication Compliance in Covid-19 Patients**

YK Bokam, C Guntupalli, S Gudhanti, ... (2021)

Indian Journal of ..., ijpsonline.com, cited by 7 (7.00 per year)

<https://www.ijpsonline.com/articles/importance-of-pharmacists-as-a-front-line-warrior-inimproving-medication-compliance-in-covid-19-patients-4133.html?view=mobile>

*To explore the effect of clinical pharmacist intervention on the treatment of viral pneumonia with intravenous methyl prednisolone and others. The clinical data of 112 patients from July ...*

-----

**Detection of Nuclear Cataract in Retinal Fundus Image using RadialBasis FunctionbasedSVM**

MK Behera, S Chakravarty, A Gourav, ... (2020)

2020 Sixth International ..., ieeexplore.ieee.org, cited by 6 (3.00 per year)

<https://ieeexplore.ieee.org/abstract/document/9315834/>

*Nuclear Cataract is a common eye disease that generally occurs at elder age. But if it's not detected at its earlier state, then it may affect vision and can live permanently. In this work, to ...*

-----

**Effect of nitrogen and phosphorus levels on growth and yield of finger millet [Eleusine coracana (L.)] during summer**

KV Krishna, CH Deepthi, MD Reddy, ... (2020)

Indian Journal of ..., indianjournals.com, cited by 6 (3.00 per year)

<https://www.indianjournals.com/ijor.aspx?target=ijor:ijar2&volume=54&issue=2&article=016>

*A field experiment was conducted to study the effect of nitrogen and phosphorous on growth and yield of finger millet (Eleusine coracana (L.) at Centurion University, Paralakhemundi ...*

-----

### **Sacrificed surveillance process favours plant defense: a review**

GK Panigrahi, KB Satapathy (2020)

Plant Archives, plantarchives.org, cited by 6 (3.00 per year)

[http://www.plantarchives.org/20-1/2551-2559%20\(5966\).pdf](http://www.plantarchives.org/20-1/2551-2559%20(5966).pdf)

*... The present study was supported by the Centurion University of Technology and Management, ... Authors thank the administration and management of Centurion University of Technology ...*

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### **Bioactive antidiabetic flavonoids from the stem bark of Cordia dichotoma forst.: identification, docking and ADMET studies**

N Hussain, BB Kakoti, M Rudrapal, KK Sarwa, I Celik, ... (2021)

Molbank, mdpi.com, cited by 6 (6.00 per year)

<https://www.mdpi.com/1146906>

*Cordia dichotoma Forst. (F. Boraginaceae) has been traditionally used for the management of a variety of human ailments. In our earlier work, the antidiabetic activity of methanolic bark ...*

-----

### **Quartz crystal microbalance based sensor arrays for detection and discrimination of VOCs using phosphonium ionic liquid composites**

SR Vaughan, RL Pérez, P Chhotaray, IM Warner (2020)

Sensors, mdpi.com, cited by 6 (3.00 per year)

<https://www.mdpi.com/624350>

*Herein, we examine two sensing schemes for detection and discrimination of chlorinated volatile organic compounds (VOCs). In this work, phosphonium ionic liquids (ILs) were ...*

-----

### **Agricultural Recommendation System for Crops Using Different Machine Learning Regression Methods**

M Garanayak, G Sahu, SN Mohanty, ... (2021)

International Journal of ..., igi-global.com, cited by 6 (6.00 per year)

<https://www.igi-global.com/article/agricultural-recommendation-system-for-crops-using-different-machine-learning-regression-methods/273707>

*Agriculture is a foremost field within the world, and it's the backbone in the Republic of India. Agriculture has been in poor condition. The impact of temperature variations and its ...*

-----



**Starch gelatinization and drying of paddy using microwave rotary drum dryer: Optimization, kinetics, and cooking studies**

G Behera, PP Sutar (2021)

Drying Technology, Taylor & Francis, cited by 6 (6.00 per year)

<https://doi.org/10.1080/07373937.2020.1741605>

*The microwave-assisted starch gelatinization was carried out in a semi-pilot microwave rotary drum dryer. Gelatinization experiments were planned using a central composite design ...*

-----

**Cosmic transit models in an extended gravity theory**

SK Tripathy, SK Pradhan, P Parida, D Behera, ... (2020)

Physica ..., iopscience.iop.org, cited by 6 (3.00 per year)

<https://doi.org/10.1088/1402-4896/abba4d>

*We have investigated some cosmic transit models in the framework of an extended gravity theory where the usual Ricci scalar in the gravitational action is replaced by a sum of the Ricci ...*

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**Identification and conservation of elite wood apple (*Feronia limonia* L.) genotypes from West Bengal**

A Mani, V Kuchi, S Mitra, F Bauri, ... (2020)

Advances in ..., researchgate.net, cited by 6 (3.00 per year)

[https://www.researchgate.net/profile/Arghya-Mani/publication/340931145\\_Identification\\_and\\_conservation\\_of\\_elite\\_wood\\_apple\\_Feronia\\_limonia\\_L\\_genotypes\\_from\\_West\\_Bengal/links/5f219a73299bf134048fc82a/Identification-and-conservation-of-elite-wood-apple-Feronia-limonia-L-genotypes-from-West-Bengal.pdf](https://www.researchgate.net/profile/Arghya-Mani/publication/340931145_Identification_and_conservation_of_elite_wood_apple_Feronia_limonia_L_genotypes_from_West_Bengal/links/5f219a73299bf134048fc82a/Identification-and-conservation-of-elite-wood-apple-Feronia-limonia-L-genotypes-from-West-Bengal.pdf)

*A study was conducted to identify the elite wood apple germplasm among its natural population from different locations of Nadia district of West Bengal. Wood apple trees in 20 different ...*

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**Fused deposition modeling based polymeric materials and their performance: A review**

V Shanmugam, MV Pavan, K Babu, ... (2021)

Polymer ..., Wiley Online Library, cited by 5 (5.00 per year)

<https://doi.org/10.1002/pc.26275>

*Additive manufacturing (AM) has several advantages that will make a revolution in polymeric material development. In the AM of polymeric materials, filament deposition modeling (FDM...*

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**Arabidopsis DCP5, a decapping complex protein interacts with Ubiquitin-5 in the processing bodies**

GK Panigrahi, KB Satapathy (2020)

Plant Archives, plantarchives.org, cited by 5 (2.50 per year)

[http://www.plantarchives.org/20-1/2243-2247%20\(5968\).pdf](http://www.plantarchives.org/20-1/2243-2247%20(5968).pdf)

*... Authors are thankful to the administration and management of Centurion University of*

*Technology and Management, Odisha, India for providing necessary facilities to conduct the ...*

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### **Soil microbiomes for sustainable agriculture**

AN Yadav (2021)

Springer, cited by 5 (5.00 per year)

<https://doi.org/10.1007/978-3-030-73507-4>

*The microbes are ubiquitous in nature. The soil is a natural hotspot of the soil microbiome. The soil microbiome plays a critical role in the maintenance of global nutrient balance and ...*

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### **Ethnobotany and folk medicines used by the local healers of Bhadrak, Odisha, India**

K Behera, U Mandal, M Panda, ... (2021)

Egyptian Journal of ..., [ejbo.journals.ekb.eg](http://ejbo.journals.ekb.eg), cited by 5 (5.00 per year)

[https://ejbo.journals.ekb.eg/article\\_129513.html](https://ejbo.journals.ekb.eg/article_129513.html)

*THE PRIMARY objective of this study is to present a database of indigenous knowledge on medicinal plants used to cure diseases among the local traditional people of Bhadrak district ...*

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### **Formation of Arabidopsis Poly (A)-Specific Ribonuclease associated processing bodies in response to pathogenic infection**

GK Panigrahi, KB Satapathy (2020)

Plant Archives, [plantarchives.org](http://plantarchives.org), cited by 5 (2.50 per year)

[http://www.plantarchives.org/20-2/4907-4912%20\(7050\).pdf](http://www.plantarchives.org/20-2/4907-4912%20(7050).pdf)

*... The present study was financially supported by Centurion University of Technology and ... Authors are thankful to the administration and management of Centurion University of ...*

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### **Outbreak of rice blast on the coastal region of South-Eastern India**

S Pattanayak, S Das (2020)

International Journal of Agriculture ..., [indianjournals.com](http://indianjournals.com), cited by 5 (2.50 per year)

<https://www.indianjournals.com/ijor.aspx?target=ijor:ijaeb&volume=13&issue=1&article=008>

*... An investigation was carried out in several villages of different districts of Andhra Pradesh and Odisha under the RAWEP programme of Centurion University of Technology and ...*

-----

### **Channel Estimation Techniques for OFDM and GFDM: A Review**

TS Vamsi, MV Krishna, TS Kumar (2020)

researchgate.net, cited by 5 (2.50 per year)

[https://www.researchgate.net/profile/T-Sairam-Vamsi/publication/341055618\\_Channel\\_Estimati\\_on\\_Techniques\\_for\\_OFDM\\_and\\_GFDM\\_A\\_Review/links/5eab0e7092851cb26769065c/Channel-Estimation-Techniques-for-OFDM-and-GFDM-A-Review.pdf](https://www.researchgate.net/profile/T-Sairam-Vamsi/publication/341055618_Channel_Estimati_on_Techniques_for_OFDM_and_GFDM_A_Review/links/5eab0e7092851cb26769065c/Channel-Estimation-Techniques-for-OFDM-and-GFDM-A-Review.pdf)

*... Currently he is serving as Associate Dean SOET Centurion University. Besides teaching, he*

*has a continuous research exposure and zeal of publishing which is evident from his ...*

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**Clean energy access and productive use by bottom of pyramid clients in ethnic & tribal areas of Odisha: An appraisal**

SS Das, DD Behera, SP Mishra, ... (2020)

Current Journal of ..., researchgate.net, cited by 5 (2.50 per year)

[https://www.researchgate.net/profile/Siba-Mishra/publication/346511977\\_Clean\\_Energy\\_Access\\_and\\_Productive\\_Use\\_by\\_Bottom\\_of\\_Pyramid\\_Clients\\_in\\_Ethnic\\_Tribal\\_Areas\\_of\\_Odisha\\_An\\_Appraisal/links/5fc5c23d4585152e9be82062/Clean-Energy-Access-and-Productive-Use-by-Bottom-of-Pyramid-Clients-in-Ethnic-Tribal-Areas-of-Odisha-An-Appraisal.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/346511977_Clean_Energy_Access_and_Productive_Use_by_Bottom_of_Pyramid_Clients_in_Ethnic_Tribal_Areas_of_Odisha_An_Appraisal/links/5fc5c23d4585152e9be82062/Clean-Energy-Access-and-Productive-Use-by-Bottom-of-Pyramid-Clients-in-Ethnic-Tribal-Areas-of-Odisha-An-Appraisal.pdf)

*... Portable (cycle mounted) solar irrigation system in collaboration with Centurion University was developed; collaboration with SELCO for the creation of Clean Energy Entrepreneurs (...)*

-----

**Influence of silicon fertilization on nitrogen fractions and nutrient status of Rice grown soils in Telangana state**

GB Raj, K Rajamani, BH Kumara (2020)

Current Journal of Applied ..., researchgate.net, cited by 5 (2.50 per year)

[https://www.researchgate.net/profile/Dr-Rajamani/publication/348357865\\_Si\\_-\\_N\\_Fractions/links/5ffa2006299bf14088857b0d/Si-N-Fractions.pdf](https://www.researchgate.net/profile/Dr-Rajamani/publication/348357865_Si_-_N_Fractions/links/5ffa2006299bf14088857b0d/Si-N-Fractions.pdf)

*Excessive N application may limit the crop yields, and it could be minimized by the use of Silicon in rice ecosystem. Initially, a survey was conducted and revealed that rice grown soils ...*

-----

**Quantitation of total protein content in some common edible food sources by lowry protein assay**

L Satpathy, D Dash, P Sahoo, TS Anwar, ... (2020)

Lett. Appl. Nano Bio ..., nanobioletters.com, cited by 5 (2.50 per year)

<https://nanobioletters.com/wp-content/uploads/2020/07/2284680893.12751283.pdf>

*The nutrient value or quality of different proteins varies due to amino acid composition, ratios of essential amino acids, vulnerability to hydrolysis during digestion, source, and the effects ...*

-----

**Communiqué issues in MANET and VANET protocols with network security disquiet**

M Rath, B Pati, J Swain (2021)

Research Anthology on Securing Mobile ..., igi-global.com, cited by 5 (5.00 per year)

<https://www.igi-global.com/chapter/communique-issues-in-manet-and-vanet-protocols-with-network-security-disquiet/277140>

*With faster expansion of mobile networks and quicker increment of web clients, more individuals approach worldwide data and communication innovation, because of which the issues ...*

-----

**Organic Agriculture, Ecosystem Services and Sustainability: A Review**

S Maitra, T Shankar, DJ Gaikwad, ... (2020)

... Journal of Modern ..., modern-journals.com, cited by 5 (2.50 per year)

<http://www.modern-journals.com/index.php/ijma/article/download/224/172>

... 1,2,3,4,5 MS Swaminathan School of Agriculture, Centurion University of Technology and ...  
MS Swaminathan School of Agriculture, Centurion University of Technology and Management,

...

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### **Mulching: Materials, Advantages and Crop Production**

PGP SK, S Debnath, S Maitra (2020)

... edited by Sagar Maitra, Dinkar J ..., researchgate.net, cited by 5 (2.50 per year)

[https://www.researchgate.net/profile/Subhankar-Debnath-2/publication/346718579\\_Mulching\\_Materials\\_Advantages\\_and\\_Crop\\_Production/links/5fcf8763a6fdcc697bece7aa/Mulching-Materials-Advantages-and-Crop-Production.pdf](https://www.researchgate.net/profile/Subhankar-Debnath-2/publication/346718579_Mulching_Materials_Advantages_and_Crop_Production/links/5fcf8763a6fdcc697bece7aa/Mulching-Materials-Advantages-and-Crop-Production.pdf)

*Mulching materials in crop production plays a pivotal role in minimizing the weed menace, decreasing dispersion of soil particles by rain drops and containing soil erosion, balance of ...*

-----

### **Ash gourd-an under exploited potential crop**

K Pradhan, A Nandi, S Rout, ... (2020)

Dogo Rangsang Research ..., drsrjournal.com, cited by 5 (2.50 per year)

[http://www.drsrjournal.com/no\\_13\\_june\\_20/17.pdf](http://www.drsrjournal.com/no_13_june_20/17.pdf)

... \*I Department of Horticulture, MS Swaminathan School of Agriculture, Centurion University of Technology and Management, Parlakhemundi, Odisha-761211, India. Institute of ...

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### **Performance Parameters, Optimization, and Recommendation in Large Scale On-Grid SPV Power Plant, Odisha, India**

NC Giri, SP Mishra, ... (2020)

International Journal of ..., modern-journals.com, cited by 4 (2.00 per year)

<http://modern-journals.com/index.php/ijma/article/view/196>

*Traditional energy from coal, fossil fuel, and hydro power plants are environmental, and beyond human replenishment need to be replaced by renewable sources like solar irradiation, ...*

-----

### **Productivity and competitive ability of rabi maize and legumes intercropping system.**

SK Panda, S Maitra, P Panda, T Shankar, ... (2021)

Crop Research (0970 ..., researchgate.net, cited by 4 (4.00 per year)

[https://www.researchgate.net/profile/Sagar-Maitra/publication/353403093\\_Productivity\\_and\\_competitive\\_ability\\_of\\_rabi\\_maize\\_and\\_legumes\\_intercropping\\_system/links/60fa8d702bf3553b290701ee/Productivity-and-competitive-ability-of-rabi-maize-and-legumes-intercropping-system.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/353403093_Productivity_and_competitive_ability_of_rabi_maize_and_legumes_intercropping_system/links/60fa8d702bf3553b290701ee/Productivity-and-competitive-ability-of-rabi-maize-and-legumes-intercropping-system.pdf)

... Considering the facts, an experiment was carried out at Bagusala Farm of Centurion

*University of Technology and Management on intercropping maize (Zea mays L.) with legumes,*  
...

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**The effect of vibratory conditioning on tensile strength and microstructure of 1018 mild steel**

VS Bade (2020)

World Journal of Engineering, emerald.com, cited by 4 (2.00 per year)

<https://doi.org/10.1108/WJE-07-2020-0296>

*Purpose The purpose of this paper is to investigate the prominence of mechanical excitations at the time of welding. In the past years, the process of welding technology has expanded ...*

-----  
**Comparative Risk and Return Analysis of Bombay Stock Exchanges and Steel Sector in India**

PK Patjoshi, G Nandini (2020)

Gedrag & Organisatie Review, lemma-tijdschriften.com, cited by 4 (2.00 per year)

<http://lemma-tijdschriften.com/gallery/goj-1581.pdf>

*In the contemporary economic expansion interest rates are failing and fluctuation in the stock market has forced the investors to think before investment in financial securities. Hence it ...*

-----  
**Experimental investigation on influence of electrode vibrations on hardness and microstructure of 1018 mild steel weldments**

VS Bade (2020)

World Journal of Engineering, emerald.com, cited by 4 (2.00 per year)

<https://doi.org/10.1108/WJE-11-2019-0333>

*Purpose The purpose of this study is to explore the importance of vibrations during welding process. In recent years, welding has gained its supremacy in the field of production. The ...*

-----  
**Geopolymer Concrete: an Emerging Green Material for Modern Construction**

R Panda, P Sagarika, AM Mohanty (2020)

Int. J. Eng. Adv. Technol, researchgate.net, cited by 4 (2.00 per year)

[https://www.researchgate.net/profile/Sagarika-Panda/publication/340271841\\_Geopolymer\\_Concrete\\_an\\_Emerging\\_Green\\_Material\\_for\\_Modern\\_Construction/links/5f73554b299bf1b53efe947f/Geopolymer-Concrete-an-Emerging-Green-Material-for-Modern-Construction.pdf](https://www.researchgate.net/profile/Sagarika-Panda/publication/340271841_Geopolymer_Concrete_an_Emerging_Green_Material_for_Modern_Construction/links/5f73554b299bf1b53efe947f/Geopolymer-Concrete-an-Emerging-Green-Material-for-Modern-Construction.pdf)

*... Presently Pro Vice Chancellor at Centurion University engaged in research, teaching and academic administration. The main area of research is Welding and Electro Discharge ...*

-----  
**Diabetic Retinopathy Image Classification Using Support Vector Machine**

MK Behera, S Chakravarty (2020)

2020 International Conference on ..., ieeexplore.ieee.org, cited by 4 (2.00 per year)

<https://ieeexplore.ieee.org/abstract/document/9132875/>

*Diabetes is a leading cause of various serious diseases like kidney failure, cardiovascular problems and many more, blindness is one of them. As it progress it may affect the retina of ...*

-----

**Acute Toxicity Assessment and Behavioral Responses Induced by Kandhamal Haladi in Adult Zebrafish (Danio rerio)**

L Satpathy, SP Parida (2020)

Biointerface Research in Applied ..., biointerfaceresearch.com, cited by 4 (2.00 per year)

<https://biointerfaceresearch.com/wp-content/uploads/2020/06/20695837111.73687381.pdf>

*... In the early 1970's, scientists of the University of Oregon determined the zebrafish as a ... Together with Dr Charles Kimmel and other researchers of the University of Oregon's Institute of ...*

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**Hydroponics in vegetable crops: A review**

A Swain, S Chatterjee, ... (2021)

The Pharma Innovation ..., researchgate.net, cited by 4 (4.00 per year)

[https://www.researchgate.net/profile/Amit-Biswas-19/publication/357825388\\_Hydroponics\\_in\\_vegetable\\_crops\\_A\\_review/links/61e1149a5779d35951a7be73/Hydroponics-in-vegetable-crops-A-review.pdf](https://www.researchgate.net/profile/Amit-Biswas-19/publication/357825388_Hydroponics_in_vegetable_crops_A_review/links/61e1149a5779d35951a7be73/Hydroponics-in-vegetable-crops-A-review.pdf)

*Hydroponics is a technique of growing plants in nutrient solutions (water containing fertilizers) with or without the use of an inert medium (sand, gravel, vermiculite, rock wool, perlite, ...*

-----

**In Vivo Antioxidant Potential of Protein Hydrolysates of some Cucurbitaceae Seed**

P Dash, G Rath, G Ghosh (2020)

Journal of Drug Delivery and ..., jddtonline.info, cited by 4 (2.00 per year)

<http://www.jddtonline.info/index.php/jddt/article/view/4091>

*Nowadays, dietary proteins play a very crucial role against oxidation, which is a fundamental process in the occurrence of many diseases. The aim of this study was to hydrolyze ...*

-----

**Solar Trees: Shift from Grey to Green Sky for Future. Fuel Pumps under Clean/Green Energy: India**

SP Mishra, NC Giri, DD Behera, ... (2020)

Int J of Env Clim ..., researchgate.net, cited by 4 (2.00 per year)

[https://www.researchgate.net/profile/Siba-Mishra/publication/345244294\\_Solar\\_Trees\\_Shift\\_from\\_Grey\\_to\\_Green\\_Sky\\_for\\_Future\\_Fuel\\_Pumps\\_under\\_CleanGreen\\_Energy\\_India/links/5fa164c2299bf1b53e5d0bea/Solar-Trees-Shift-from-Grey-to-Green-Sky-for-Future-Fuel-Pumps-under-Clean-Green-Energy-India.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/345244294_Solar_Trees_Shift_from_Grey_to_Green_Sky_for_Future_Fuel_Pumps_under_CleanGreen_Energy_India/links/5fa164c2299bf1b53e5d0bea/Solar-Trees-Shift-from-Grey-to-Green-Sky-for-Future-Fuel-Pumps-under-Clean-Green-Energy-India.pdf)

*... Centurion University of Technology and Management, Odisha, India. 3Department of Mechanical Eng., Centurion University ... at the of Sarajevo University, Bosnia Germany*

which is ...

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**Evaluation of ultrasonic parameters in binary solution of dextran and urea at various concentration and temperatures**

S Panda, M Praharaj, S Panda (2020)

Indian J of Natural Sciences, researchgate.net, cited by 4 (2.00 per year)

[https://www.researchgate.net/profile/Manoj-Praharaj-2/publication/342835017\\_Evaluation\\_of\\_Ultrasonic\\_Parameters\\_in\\_Binary\\_Solution\\_of\\_Dextran\\_and\\_Urea\\_at\\_Various\\_Concentration\\_and\\_Temperatures/links/5f085c77299bf18816103a0a/Evaluation-of-Ultrasonic-Parameters-in-Binary-Solution-of-Dextran-and-Urea-at-Various-Concentration-and-Temperatures.pdf](https://www.researchgate.net/profile/Manoj-Praharaj-2/publication/342835017_Evaluation_of_Ultrasonic_Parameters_in_Binary_Solution_of_Dextran_and_Urea_at_Various_Concentration_and_Temperatures/links/5f085c77299bf18816103a0a/Evaluation-of-Ultrasonic-Parameters-in-Binary-Solution-of-Dextran-and-Urea-at-Various-Concentration-and-Temperatures.pdf)

*The measurement of ultrasonic speed with other data like, density and viscosity has been used to explore the different types of molecular interaction, structural changes in pure liquid as ...*

-----

**The effects of chemical reaction on magnetohydrodynamic flow and heat transfer of a nanofluid past a stretchable surface with melting**

GK Mahato, BK Mahatha, R Nandkeolyar, ... (2020)

AIP Conference ..., aip.scitation.org, cited by 4 (2.00 per year)

<https://doi.org/10.1063/5.0019205>

*Steady flow of a viscous, incompressible, electrically conducting, and chemically reacting nanofluid over a stretching sheet, with melting, in the presence of an applied transverse ...*

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**Simulation of very-low energy alkali ion ( $\leq 10$  KeV) induced effects on Al<sub>2</sub>O<sub>3</sub> micro flakes**

S Dhal, A Patro, M Swain, K Supraja (2020)

IJST, sciresol.s3.us-east-2.amazonaws ..., cited by 4 (2.00 per year)

<https://sciresol.s3.us-east-2.amazonaws.com/IJST/Articles/2020/Issue-21/IJST-2020-97.pdf>

*Objectives: To simulate the Monte-carlo simulation of irradiation of alkali ions (sodium) having very low energy (5 keV and 10 keV) on aluminum oxide micro flakes. Methods/Statistical ...*

-----

**Future of Precision Agriculture in India**

D Bhattacharyay, S Maitra, S Pine, ... (2020)

... Cultivation and Smart ..., researchgate.net, cited by 4 (2.00 per year)

[https://www.researchgate.net/profile/Sagar-Maitra/publication/347511698\\_Future\\_of\\_Precision\\_Agriculture\\_in\\_India/links/5fdf699da6fdccdb8ebbad7/Future-of-Precision-Agriculture-in-India.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/347511698_Future_of_Precision_Agriculture_in_India/links/5fdf699da6fdccdb8ebbad7/Future-of-Precision-Agriculture-in-India.pdf)

*The yield and quality of crops depends on various biotic, abiotic and management related parameters. In conventional agriculture the farmers relied on their experiences. Due to human ...*

...

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**Vibratory weld conditioning during gas tungsten arc welding of al 5052 alloy on the**

### **mechanical and micro-structural behavior**

MV Rao, BS Babu (2020)

World Journal of Engineering, emerald.com, cited by 4 (2.00 per year)

<https://doi.org/10.1108/WJE-06-2020-0211>

*Purpose Vibratory weld conditioning parameters have a great influence on the improvement of mechanical properties of weld connections. The purpose of this paper is to understand ...*

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### **Pseudomonas syringae pv. syringae infection orchestrates the fate of the Arabidopsis J domain containing cochaperone and decapping protein factor 5**

GK Panigrahi, KB Satapathy (2021)

Physiological and Molecular Plant Pathology, Elsevier, cited by 4 (4.00 per year)

<https://www.sciencedirect.com/science/article/pii/S0885576520302666>

*... Authors are thankful to the administration and management of Centurion University of Technology and Management, Odisha, India for providing necessary facilities to conduct the ...*

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### **Functionality of protein-Based edible coating**

SS Hauzoukim, B Mohanty (2020)

Journal of Entomology and Zoology ..., researchgate.net, cited by 3 (1.50 per year)

[https://www.researchgate.net/profile/Biswajit-Mohanty-12/publication/348869001\\_Functionality\\_of\\_protein-Based\\_edible\\_coating- review/links/6013b4c092851c2d4dfef3b9/Functionality-of-protein-Based-edible-coating-review.pdf](https://www.researchgate.net/profile/Biswajit-Mohanty-12/publication/348869001_Functionality_of_protein-Based_edible_coating- review/links/6013b4c092851c2d4dfef3b9/Functionality-of-protein-Based-edible-coating-review.pdf)

*Consumer demand for convenience package and consumption, safe microbiologically, longer product shelf-life and effect of packaging material on environment is forcing food ...*

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### **Hyperspectral Image Classification using Minimum Noise Fraction and Random Forest**

KMS Kishore, MK Behera, ... (2020)

... in Engineering (WIE) ..., ieeexplore.ieee.org, cited by 3 (1.50 per year)

<https://ieeexplore.ieee.org/abstract/document/9397972/>

*Remote sensing technology is improving day by day which has also increased the uses of hyperspectral imaging tremendously. Exact classification of ground features from ...*

-----

### **Growth and productivity of finger millet (Eleusine coracana L. Gaertn) as influenced by integrated nutrient management**

P Ramya, S Maitra, T Shankar, R Adhikary, JB Palai (2020)

Agron Econ, researchgate.net, cited by 3 (1.50 per year)

[https://www.researchgate.net/profile/T-Neelima/publication/350176344\\_Yield\\_Gap\\_Analysis\\_of\\_Rice\\_Under\\_Priyadarshini\\_Jurala\\_Command\\_Area\\_Using\\_RS\\_and\\_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=27](https://www.researchgate.net/profile/T-Neelima/publication/350176344_Yield_Gap_Analysis_of_Rice_Under_Priyadarshini_Jurala_Command_Area_Using_RS_and_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=27)



... Considering the above fact, an experiment was conducted in south Odisha conditions at Bagusala Farm of Centurion University of Technology and Management to study the effect of ...

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**Estimation of Irrigation Water Requirement of Zucchini Squash (*Cucurbita pepo* L.) under Protected Cultivation Structures and in Open Field Conditions**

DT Santosh

researchgate.net, cited by 3 (0.00 per year)

[https://www.researchgate.net/profile/Sagar-Maitra/publication/357570135\\_Estimation\\_of\\_Irrigation\\_Water\\_Requirement\\_of\\_Zucchini\\_Squash\\_Cucurbita\\_pepo\\_L\\_under\\_Protected\\_Cultivation\\_Structures\\_and\\_in\\_Open\\_Field\\_Conditions/links/61d462c2b6b5667157c76b19/Estimation-of-Irrigation-Water-Requirement-of-Zucchini-Squash-Cucurbita-pepo-L-under-Protected-Cultivation-Structures-and-in-Open-Field-Conditions.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/357570135_Estimation_of_Irrigation_Water_Requirement_of_Zucchini_Squash_Cucurbita_pepo_L_under_Protected_Cultivation_Structures_and_in_Open_Field_Conditions/links/61d462c2b6b5667157c76b19/Estimation-of-Irrigation-Water-Requirement-of-Zucchini-Squash-Cucurbita-pepo-L-under-Protected-Cultivation-Structures-and-in-Open-Field-Conditions.pdf)

... , Centurion University of Technology and Management (CUTM) Paralakhemundi. The meteorological site is located on the flat land at 1847' N latitude, 8406' E longitude and altitude of ...

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**Prevalence of Protein Energy Malnutrition among Under-five children in Odisha: A Review**

A Satapathy, A Satapathy, DS Rout, ... (2021)

The Journal of ..., researchgate.net, cited by 3 (3.00 per year)

[https://www.researchgate.net/profile/Sandeep-Rout-2/publication/353121662\\_Prevalence\\_of\\_Protein\\_Energy\\_Malnutrition\\_among\\_Under-five\\_children\\_in\\_Odisha\\_A\\_Review/links/60ed3b98fb568a7098a69dc0/Prevalence-of-Protein-Energy-Malnutrition-among-Under-five-children-in-Odisha-A-Review.pdf](https://www.researchgate.net/profile/Sandeep-Rout-2/publication/353121662_Prevalence_of_Protein_Energy_Malnutrition_among_Under-five_children_in_Odisha_A_Review/links/60ed3b98fb568a7098a69dc0/Prevalence-of-Protein-Energy-Malnutrition-among-Under-five-children-in-Odisha-A-Review.pdf)

The WHO has identified PEM as one of the major problems among the children round the world. Also, over the years it has been found that developing countries like India have been ...

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**In vitro micro-propagation of *Typhonium flagelliforme* (Lodd.) Blume and its genetic fidelity using ISSR and RAPD markers**

D Swain, G Pushpalatha, P Das (2020)

J. Pharmacogn. Phytochem, phytojournal.com, cited by 3 (1.50 per year)

<https://www.phytojournal.com/archives/2020/vol9issue4/PartAJ/9-4-382-101.pdf>

... The authors acknowledge the support and guidance of SFTRRD, Bhubaneswar and Centurion University of Technology and Management, Paralakhemundi for providing necessary ...

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**Effect of nutrient management on growth, productivity and economics in rice based cropping system in lateritic soil of West Bengal**

T Shankar, M Banerjee, GC Malik, S Dutta (2020)

IJCS, researchgate.net, cited by 3 (1.50 per year)

[https://www.researchgate.net/profile/Tanmoy-Shankar/publication/340996503\\_Effect\\_of\\_nutrien](https://www.researchgate.net/profile/Tanmoy-Shankar/publication/340996503_Effect_of_nutrien)

[t management on growth productivity and economics in rice based cropping system in lateritic soil of West Bengal/links/5ea8ed8b45851592d6a85290/Effect-of-nutrient-management-on-growth-productivity-and-economics-in-rice-based-cropping-system-in-lateritic-soil-of-West-Bengal.pdf](https://www.researchgate.net/profile/K-Giridhar/publication/343989528/Effect-of-nutrient-management-on-growth-productivity-and-economics-in-rice-based-cropping-system-in-lateritic-soil-of-West-Bengal/links/5ea8ed8b45851592d6a85290/Effect-of-nutrient-management-on-growth-productivity-and-economics-in-rice-based-cropping-system-in-lateritic-soil-of-West-Bengal.pdf)

*The experiment was conducted during 2014-2015 and 2015-2016 at farmers' field situated at Binuria village (23°40'N and 87°37'E) of Birbhum district of West Bengal under the red ...*

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### **Effect of plant density on yield parameters of cowpea (*Vigna unguiculata* L.)**

K Giridhar, PS Raju, G Pushpalatha, ... (2020)

International Journal of ..., researchgate.net, cited by 3 (1.50 per year)

[https://www.researchgate.net/profile/Pushpalatha-Ganesh/publication/343989528 Effects of plant density on yield parameters of cowpea \*Vigna unguiculata\* L/links/5fa97dca458515157bf74d37/Effects-of-plant-density-on-yield-parameters-of-cowpea-Vigna-unguiculata-L.pdf](https://www.researchgate.net/profile/Pushpalatha-Ganesh/publication/343989528/Effects_of_plant_density_on_yield_parameters_of_cowpea_Vigna_unguiculata_L/links/5fa97dca458515157bf74d37/Effects-of-plant-density-on-yield-parameters-of-cowpea-Vigna-unguiculata-L.pdf)

*... A field experiment was conducted during rabi season of 2018-19 in the Instructional Farm of Centurion University, Bagusala village (23°39' N latitude, 87°42' E longitude), Gajapati ...*

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### **A Fuzzy Modelling for selection of machining parameters in wire electrical discharge machining of D2 Steel**

S Patro, I Harish, PS Rao (2020)

International Journal of Recent ..., researchgate.net, cited by 3 (1.50 per year)

[https://www.researchgate.net/profile/Santosh-Patro/publication/339200585 A Fuzzy Modelling for Selection of Machining Parameters in Wire Electrical Discharge Machining of D2 Steel/links/5e43a6e592851c7f7f30c725/A-Fuzzy-Modelling-for-Selection-of-Machining-Parameters-in-Wire-Electrical-Discharge-Machining-of-D2-Steel.pdf](https://www.researchgate.net/profile/Santosh-Patro/publication/339200585_A_Fuzzy_Modelling_for_Selection_of_Machining_Parameters_in_Wire_Electrical_Discharge_Machining_of_D2_Steel/links/5e43a6e592851c7f7f30c725/A-Fuzzy-Modelling-for-Selection-of-Machining-Parameters-in-Wire-Electrical-Discharge-Machining-of-D2-Steel.pdf)

*Wire Electrical Discharge Machining (WEDM) is a widely used non-traditional machining process used for machining of hard and difficult-to-machine materials. Proper selection of ...*

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### **Effect of different geotextile treatments in soil to increase the yield and yield attribute of capsicum (*Capsicum annuum*)**

A Pal, R Adhikary, SK De, M Sardar (2020)

International Journal of ..., researchgate.net, cited by 3 (1.50 per year)

[https://www.researchgate.net/profile/Arunabha-Pal/publication/342465503 Effect of different geotextile treatments in soil to increase the yield and yield attribute of capsicum \*Capsicum annuum\*/links/5ef96417299bf18816eff0e3/Effect-of-different-geotextile-treatments-in-soil-to-increase-the-yield-and-yield-attribute-of-capsicum-Capsicum-annuum.pdf](https://www.researchgate.net/profile/Arunabha-Pal/publication/342465503/Effect_of_different_geotextile_treatments_in_soil_to_increase_the_yield_and_yield_attribute_of_capsicum_Capsicum_annuum/links/5ef96417299bf18816eff0e3/Effect-of-different-geotextile-treatments-in-soil-to-increase-the-yield-and-yield-attribute-of-capsicum-Capsicum-annuum.pdf)

*Geotextiles are textile like materials of natural product of eco-friendly and biodegradable in nature and act as useful ameliorative towards alleviating soil related constraints of crop ...*

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### **Electricity Consumption & Prediction using Machine Learning Models**

TR Jena, SS Barik, SK Nayak (2020)

Muktshabd, shabdbooks.com, cited by 3 (1.50 per year)

<http://shabdbooks.com/gallery/276-june2020.pdf>

*... This Paper predicts the electricity consumption at building of institutes, university etc. In this situation, Extreme Learning Machine is utilized for power utilization forecast through ...*

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### **Importance of Legumes in Agricultural Production System: An Overview**

S Praharaj, S Maitra (2020)

Agro Economist, researchgate.net, cited by 3 (1.50 per year)

[https://www.researchgate.net/profile/Sagar-Maitra/publication/349636640\\_Importance\\_of\\_Legumes\\_in\\_Agricultural\\_Production\\_System\\_An\\_Overview/links/603911daa6fdcc37a85574fb/Importance-of-Legumes-in-Agricultural-Production-System-An-Overview.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/349636640_Importance_of_Legumes_in_Agricultural_Production_System_An_Overview/links/603911daa6fdcc37a85574fb/Importance-of-Legumes-in-Agricultural-Production-System-An-Overview.pdf)

*Leguminous crops are known for their unique nitrogen fixing ability. Legumes introduced into a cropping system can not only add to the fertility of the soil by their nitrogen fixing ability but ...*

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### **Harmonic Profile Enhancement of Grid Connected Fuel Cell through Cascaded H-Bridge Multi-Level Inverter and Improved Squirrel Search Optimization Technique**

S Choudhury, SK Acharya, RK Khadanga, S Mohanty, ... (2021)

Energies, mdpi.com, cited by 3 (3.00 per year)

<https://www.mdpi.com/1379224>

*The generation of energy by conventional systems leads to several environmental issues. Fuel Cell (FC), being a new renewable energy source, has emerged as one of the promising ...*

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### **Development in the heat transfer properties of nanofluid due to the interaction of inclined magnetic field and non-uniform heat source**

S Jena, SR Mishra, PK Pattnaik (2020)

Journal of Nanofluids, ingentaconnect.com, cited by 3 (1.50 per year)

<https://www.ingentaconnect.com/contentone/asp/jon/2020/00000009/00000003/art00002>

*In the current scenario a new mathematical model is designed and examined for the unsteady course of nanofluid through permeable vertical surface due to the interaction of inclined ...*

-----

### **Molecular advances in plant root system architecture response and redesigning for improved performance under unfavourable environments**

LD Indu, BK Dadrwal, D Saha, S Chand, ... (2021)

Frontiers in Plant ..., books.google.com, cited by 3 (3.00 per year)

[https://books.google.com/books?hl=en&lr=&id=KjYXEAAQBAJ&oi=fnd&pg=PA49&dq=centurion+university&ots=66XwAi5oI5&sig=Te\\_MqsuAYNiDy\\_Me7Q7H0udxGZU](https://books.google.com/books?hl=en&lr=&id=KjYXEAAQBAJ&oi=fnd&pg=PA49&dq=centurion+university&ots=66XwAi5oI5&sig=Te_MqsuAYNiDy_Me7Q7H0udxGZU)

*... Swaminathan School of Agriculture, Centurion University of Technology and Management, Paralakhemundi, India, 5 Faculty of Agriculture, Sri Sri University, Cuttack, India ...*

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**Identification and classification of mango leaf disease using wavelet transform based segmentation and wavelet neural network model**

S Mishra, V Ellappan, S Satapathy, ... (2021)

Annals of the ..., annalsofrscb.ro, cited by 3 (3.00 per year)

<http://annalsofrscb.ro/index.php/journal/article/view/1142>

*Automatic detection of plant diseases is very ample beneficial as it reduces the workload of farmers. To improve the quality and quantity of crop yield, identification of plant diseases is ...*

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**Food security and nutritional status among rural poor: Evaluating the impact of Rural Livelihood Mission in Odisha, India**

A Mishra, SK Mishra, I Baitharu, ... (2020)

Journal of Reviews on ..., mail.lifescienceglobal.com, cited by 3 (1.50 per year)

<https://mail.lifescienceglobal.com/pms/index.php/jrge/article/view/6422>

*This paper empirically examines the effect of participation in National Rural Livelihood Mission (NRLM) on the food security of rural poor. In parallel, it also introspects the nutritional ...*

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**Qualitative and quantitative phytochemical analysis and antioxidant activity of Curcuma amada Roxb: an important medicinal plant**

J Sutar, K Monalisa, K Pati, VBS Chauhan, ... (2020)

Plant ..., plantarchives.org, cited by 3 (1.50 per year)

[http://www.plantarchives.org/SPL%20ISSUE%2020-2/29\\_193-196\\_.pdf](http://www.plantarchives.org/SPL%20ISSUE%2020-2/29_193-196_.pdf)

*Curcuma amada Roxb. is a perennial, rhizomatous, aromatic herb belonging to the family Zingiberaceae. This plant is commonly known as "Amba ada", "Mango ginger" due to the ...*

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**Stock Market Anomaly: Day of the Week Effect in Bombay Stock Exchange with the Application of GARCH Model**

PK Patjoshi, G Nandini (2020)

International Journal of Innovative ..., researchgate.net, cited by 3 (1.50 per year)

[https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354402402\\_Stock\\_Market\\_Anomaly\\_Day\\_of\\_the\\_Week\\_Effect\\_in\\_Bombay\\_Stock\\_Exchange\\_with\\_the\\_Application\\_of\\_GARCH\\_Model/links/61371c10c69a4e4879845915/Stock-Market-Anomaly-Day-of-the-Week-Effect-in-Bombay-Stock-Exchange-with-the-Application-of-GARCH-Model.pdf](https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354402402_Stock_Market_Anomaly_Day_of_the_Week_Effect_in_Bombay_Stock_Exchange_with_the_Application_of_GARCH_Model/links/61371c10c69a4e4879845915/Stock-Market-Anomaly-Day-of-the-Week-Effect-in-Bombay-Stock-Exchange-with-the-Application-of-GARCH-Model.pdf)

*It has observed from many stock markets around the world that index value used to vary due to fluctuation in stock prices. One of the most important factors of variation in the stock prices ...*

-----

**Influence of foliar application of mineral nutrients on vegetative and fruit quality of strawberry (Fragaria × ananassa Duch.) cv. Chandler**

G Singh, DS Kachwaya, VS Kuchi, ... (2020)

The Journal of Plant ..., search.proquest.com, cited by 3 (1.50 per year)

<https://search.proquest.com/openview/8cc6cc96edc9bdd3177801d0586134fe/1?pq-origsite=gscholar&cbl=506329>

*An experiment was conducted at the Agriculture Research Farm, Department of Agriculture, Mata Gujri College, Sri Fatehgarh Sahib, Punjab during the year 2017-18 to study the effect ...*

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### **Variability in tomato (*Solanum lycopersicum* L.): A review**

B Tripathy, K Mallikarjunarao (2020)

J. Pharmacogn. Phytochem, phytojournal.com, cited by 3 (1.50 per year)

<https://www.phytojournal.com/archives/2020/vol9issue4/PartE/9-3-445-725.pdf>

*Tomato (*Solanum lycopersicum* L.) is one of the important vegetable crops of the world which belongs to family Solanaceae. It is believed that this crop is native to Peru Equador region. ...*

-----

### **Role of Biotechnology in Vegetable Breeding**

K Pradhan, S Rout, B Tripathy, UN Mishra, G Sahoo, ...

researchgate.net, cited by 3 (0.00 per year)

[https://www.researchgate.net/profile/Sandeep-Rout-2/publication/353210712\\_Role\\_of\\_Biotechnology\\_in\\_Vegetable\\_Breeding/links/60ed366316f9f313007c4382/Role-of-Biotechnology-in-Vegetable-Breeding.pdf](https://www.researchgate.net/profile/Sandeep-Rout-2/publication/353210712_Role_of_Biotechnology_in_Vegetable_Breeding/links/60ed366316f9f313007c4382/Role-of-Biotechnology-in-Vegetable-Breeding.pdf)

*Biotechnology generates efficient and cost-effective revenue for the production of a variety of unique, value-added products and tools by utilizing living organisms to manufacture or ...*

-----

### **Cultivation of Crops under Shade-Net Greenhouse**

SK Lenka (2020)

Protected Cultivation and Smart Agriculture; New ..., researchgate.net, cited by 3 (1.50 per year)

[https://www.researchgate.net/profile/Santosh-Kumar-Lenka/publication/346939228\\_Cultivation\\_of\\_Crops\\_under\\_Shade-net\\_Greenhouse/links/5fd3223745851568d154e270/Cultivation-of-Crops-under-Shade-net-Greenhouse.pdf](https://www.researchgate.net/profile/Santosh-Kumar-Lenka/publication/346939228_Cultivation_of_Crops_under_Shade-net_Greenhouse/links/5fd3223745851568d154e270/Cultivation-of-Crops-under-Shade-net-Greenhouse.pdf)

*Human activities concerned with agricultural growth and productivity are touching new heights every coming day by radical changes in technologies. Protected structures have made ...*

-----

### **Statistical Modeling and Forecasting of ARIMA and ARIMAX models for food grains production and net availability of India**

S Ray, B Bhattacharyya (2020)

J Exp Biol Agric Sci, researchgate.net, cited by 3 (1.50 per year)

[https://www.researchgate.net/profile/Soumik-Ray-2/publication/342513056\\_STATISTICAL\\_MODELING\\_AND\\_FORECASTING\\_OF\\_ARIMA\\_AND\\_ARIMAX\\_MODELS\\_FOR\\_FOOD\\_GRAINS\\_PRODUCTION\\_AND\\_NET\\_AVAILABILITY\\_OF\\_INDIA/links/5ef8a349458515505078c8ad/STATISTICAL-MODELING-AND-FORECASTING-OF-ARIMA-AND-ARIMAX-MO](https://www.researchgate.net/profile/Soumik-Ray-2/publication/342513056_STATISTICAL_MODELING_AND_FORECASTING_OF_ARIMA_AND_ARIMAX_MODELS_FOR_FOOD_GRAINS_PRODUCTION_AND_NET_AVAILABILITY_OF_INDIA/links/5ef8a349458515505078c8ad/STATISTICAL-MODELING-AND-FORECASTING-OF-ARIMA-AND-ARIMAX-MO)

DELS-FOR-FOOD-GRAINS-PRODUCTION-AND-NET-AVAILABILITY-OF-INDIA.pdf

*Agricultural development policies in India have aimed at reducing hunger, food insecurity, malnourishment and poverty at a rapid rate. The present work is designed with specific ...*

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**Quantification of poly aromatic hydrocarbons in waters of Mahanadi estuary at Paradeep, Odisha**

BS Panda, SK Mahanta (2020)

International research journal of engineering and ..., cited by 3 (1.50 per year)

-----

**Estimation of Crop Water Requirement of Maize Crop Using FAO CROPWAT 8.0 Model**

M Roja, C Deepthi, ... (2020)

Indian Journal of Pure ..., pdfs.semanticscholar.org, cited by 3 (1.50 per year)

<https://pdfs.semanticscholar.org/e121/921623241bfcddd9481b42295f1ed789b283.pdf>

*To use optimum amount of water for crops and reduce irrigation quantity, some form of irrigation scheduling should be used by the farming community. Unscientific and injudicious ...*

-----

**Time series modelling and forecasting of pulses production behaviour of India**

S Ray, B Bhattacharyya (2020)

Indian Journal of Ecology, researchgate.net, cited by 3 (1.50 per year)

[https://www.researchgate.net/profile/Soumik-Ray-2/publication/346438632\\_Time\\_Series\\_Modeling\\_and\\_Forecasting\\_on\\_Pulses\\_Production\\_Behavior\\_of\\_India/links/5fc1d3f6a6fdcc6cc6770d31/Time-Series-Modeling-and-Forecasting-on-Pulses-Production-Behavior-of-India.pdf](https://www.researchgate.net/profile/Soumik-Ray-2/publication/346438632_Time_Series_Modeling_and_Forecasting_on_Pulses_Production_Behavior_of_India/links/5fc1d3f6a6fdcc6cc6770d31/Time-Series-Modeling-and-Forecasting-on-Pulses-Production-Behavior-of-India.pdf)

*The present investigation was an attempt to study the trend behavior of pulses production, productivity, and net availability of India. For stochastic trend estimation, time series ...*

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**A survey on big data and its challenges related to IoT**

S Mohanty, SK Das, S Barik, MM Rout (2020)

Machine Learning, researchgate.net, cited by 3 (1.50 per year)

<https://www.researchgate.net/profile/Surajit-Mohanty/amp>

*Now a day's Big Data is an emerging technology that has an ability to change the world. It solves the velocity-volume-variety problem. While dealing with unstructured and structured ...*

-----

**Auxin and Cytokinin Interplay during Leaf Morphogenesis and Phyllotaxy**

S Hussain, S Nanda, J Zhang, MIA Rehmani, ... (2021)

Plants, mdpi.com, cited by 3 (3.00 per year)

<https://www.mdpi.com/1238354>

*... SN thanks Centurion University of Technology and Management for the necessary facilities and encouragement and extends his gratitude to Hou for the collaborative work. Because of ...*

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### **Green-houses: Types and Structural Components**

S Dalai, B Tripathy, S Mohanta, B Sahu, JB Palai  
researchgate.net, cited by 3 (0.00 per year)

[https://www.researchgate.net/profile/Smaranika-Mohanta/publication/347914734\\_Green-houses\\_Types\\_and\\_Structural\\_Components/links/5fe747e9299bf14088475c3d/Green-houses-Types-and-Structural-Components.pdf](https://www.researchgate.net/profile/Smaranika-Mohanta/publication/347914734_Green-houses_Types_and_Structural_Components/links/5fe747e9299bf14088475c3d/Green-houses-Types-and-Structural-Components.pdf)

*A greenhouse is a system for modification and management of environmental factors that allows plants to be grown in suitable climates that may be not well suited for their growth and ...*

-----

### **Curcumin supplement diet: Enhanced growth and down-regulated expression of pro-inflammatory cytokines in Labeo rohita fingerlings**

T Leya, SA Dar, G Kumar, I Ahmad (2020)  
Aquaculture Research, Wiley Online Library, cited by 2 (1.00 per year)

<https://doi.org/10.1111/are.14825>

*The present study was conducted to determine the effect of curcumin supplement diet (CSD) on growth, non-specific immunity and pro-inflammatory cytokine gene expression in Labeo ...*

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### **Nitrogen transformation and losses in soil: A cost-effective review study for farmer**

A Pal, R Adhikary, S Barman, ... (2020)  
International Journal of ..., researchgate.net, cited by 2 (1.00 per year)

[https://www.researchgate.net/profile/Rahul-Adhikary/publication/342465614\\_Nitrogen\\_transformation\\_and\\_losses\\_in\\_soil\\_A\\_cost-effective\\_review\\_study\\_for\\_farmer/links/5ef587ac299bf18816e81769/Nitrogen-transformation-and-losses-in-soil-A-cost-effective-review-study-for-farmer.pdf](https://www.researchgate.net/profile/Rahul-Adhikary/publication/342465614_Nitrogen_transformation_and_losses_in_soil_A_cost-effective_review_study_for_farmer/links/5ef587ac299bf18816e81769/Nitrogen-transformation-and-losses-in-soil-A-cost-effective-review-study-for-farmer.pdf)

*Environmental and economic issues have increased the necessity to know better understand the role and fate of nitrogen (N) in crop production systems. Nitrogen is the nutrient most ...*

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### **In silico ANALYSIS OF PHYTOCHEMICALS FROM Coriandrum sativum AGAINST MEASLES**

S PANDA, G RANA, JK NAYAK, ... (2020)  
PLANT CELL ..., archives.biciconference.co.in, cited by 2 (1.00 per year)

<https://archives.biciconference.co.in/index.php/PCBMB/article/view/5006>

*Phytochemicals are non-nutritive compounds obtained from plants. It has been reported that Coriandrum sativum plant extract is used to cure Measles. The plant extract contains ...*

-----

### **Health benefits of Withania somnifera (L.) Dunal: A review**

SK Mallick, U Mandal, G Mahalik (2020)  
Shodh Sanchar Bulletin, researchgate.net, cited by 2 (1.00 per year)

[https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/350372841\\_HEALTH\\_BENEFITS\\_OF\\_WITHANIA\\_SOMNIFERA\\_L\\_DUNAL\\_A\\_REVIEW/links/605c271d299bf17367687de1/HEALTH-BENEFITS-OF-WITHANIA-SOMNIFERA-L-DUNAL-A-REVIEW.pdf](https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/350372841_HEALTH_BENEFITS_OF_WITHANIA_SOMNIFERA_L_DUNAL_A_REVIEW/links/605c271d299bf17367687de1/HEALTH-BENEFITS-OF-WITHANIA-SOMNIFERA-L-DUNAL-A-REVIEW.pdf)

*Plants are the silent workers of our planet; they want to live and also help others (animals including human beings) to live. Plants have many different forms such as huge trees, others ...*

-----

**Bio-efficacy of emamectin benzoate 5% SG against shoot and fruit borer *Earias vitella* (Fabricius) on okra**

L Dash, V Ramalakshmi, D Padhy (2020)  
thepharmajournal.com, cited by 2 (1.00 per year)

<https://www.thepharmajournal.com/archives/2020/vol9issue12/PartC/9-12-27-895.pdf>

*Field experiment was conducted to evaluate and validate the efficacy of some novel insecticides against shoot and fruit borer on okra. Effect of five different doses of Emamectin ...*

-----

**Effect of surface and drip irrigation levels on growth, yield, nutrient uptake and water productivity of maize: A review.**

M Roja, C Deepthi, MD Reddy (2020)  
Crop Research (0970-4884), search.ebscohost.com, cited by 2 (1.00 per year)

<https://search.ebscohost.com/login.aspx?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=09704884&AN=144915046&h=koiHfDJW6%2BmZK4XoceE9U2keSwBYdgC%2BL E2u3hPE1wIhYX3DQ7mQ2G0PsstiISJO6bcVkPTa%2BsCFI2LaNkO3zg%3D%3D&crl=c>

*... Department of Agronomy Centurion University of Technology and ... , Centurion University of Technology and Management, Odisha. 3Department of Agronomy, Centurion University of ...*

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**Effect of integrated nutrient management on production potential and economics in summer sweet corn (*Zea mays* L. var. *Saccharata*)**

BM Rao, GC Mishra, G Mishra, S Maitra, R Adhikari (2020)  
IJCS, researchgate.net, cited by 2 (1.00 per year)

[https://www.researchgate.net/profile/Rahul-Adhikary/publication/339731183\\_Effect\\_of\\_integrated\\_nutrient\\_management\\_on\\_production\\_potential\\_and\\_economics\\_in\\_summer\\_sweet\\_corn\\_Zea\\_mays\\_L\\_var\\_Saccharata/links/5e91816a299bf130798fb8a1/Effect-of-integrated-nutrient-management-on-production-potential-and-economics-in-summer-sweet-corn-Zea-mays-L-var-Saccharata.pdf](https://www.researchgate.net/profile/Rahul-Adhikary/publication/339731183_Effect_of_integrated_nutrient_management_on_production_potential_and_economics_in_summer_sweet_corn_Zea_mays_L_var_Saccharata/links/5e91816a299bf130798fb8a1/Effect-of-integrated-nutrient-management-on-production-potential-and-economics-in-summer-sweet-corn-Zea-mays-L-var-Saccharata.pdf)

*A field experiment was carried out in sandy loam soil at Experimental Farm, Bagusala, MS Swaminathan School of Agriculture, Centurion University of Technology and Management ...*

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**Production of hydrocarbon rich fuel from abandoned beehive by pyrolysis**

AR Chowdhury, G Sabat, N Gouda, ... (2021)  
... & Sustainable Energy, Wiley Online Library, cited by 2 (2.00 per year)

<https://doi.org/10.1002/ep.13472>



*This work reports the possible conversion of beeswax to fuel oil through pyrolysis to produce an alternate and renewable fuel. The kinetics and thermodynamics of the thermal ...*

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**Effect of Nitrogen and Phosphorus Management on Growth and Yield of Foxtail Millet [Setaria italica L.] During Summer Season in Odisha, India**

MUM Reddy, M Roja, ... (2020)

Indian Journal of ..., arccarticles.s3.amazonaws.com, cited by 2 (1.00 per year)

<http://arccarticles.s3.amazonaws.com/arcc/Attachment-at-accept-article-A-5322.pdf>

*A field experiment was conducted during summer (Feb–May) of 2018 at Bagusala Research Farm, MS Swaminathan School of Agriculture, Centurion University of Technology and ...*

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**Energetics of finger millet (Eleusine coracana L. Gaertn) cultivation as influenced by integrated nutrient management**

JV Harika, SK Duvvada, S Maitra, ... (2020)

International Journal of ..., indianjournals.com, cited by 2 (1.00 per year)

<https://www.indianjournals.com/ijor.aspx?target=ijor:ijaeb&volume=13&issue=2&article=016>

*... To study the energy use in finger millet cultivation, a field trial was conducted at Bagusala Farm of MS Swaminathan School of Agriculture, Centurion University of Technology ...*

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**Community empowerment and conservation through ecotourism: A case of Bhitarkanika Wildlife Sanctuary, Odisha, India**

M Das, B Chatterjee (2020)

Tourism Review International, ingentaconnect.com, cited by 2 (1.00 per year)

<https://www.ingentaconnect.com/content/cog/tri/2020/00000024/00000004/art00003>

*Ecotourism is a type of sustainable tourism that aims at conservation of the environment through maintaining a balance between conservation and empowerment of local residents. ...*

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**Effects of different hydroponic systems and growing media on physiological parameters of Spinach**

DJ Gaikwad, S Priyadarsini, ... (2020)

International Journal of ..., researchgate.net, cited by 2 (1.00 per year)

[https://www.researchgate.net/profile/Dinkar-Gaikwad/publication/341701829\\_Effects\\_of\\_Different\\_Hydroponics\\_Systems\\_and\\_Growing\\_Media\\_on\\_Physiological\\_Parameters\\_of\\_Spinach/links/5ecf739045851529451843c3/Effects-of-Different-Hydroponics-Systems-and-Growing-Media-on-Physiological-Parameters-of-Spinach.pdf](https://www.researchgate.net/profile/Dinkar-Gaikwad/publication/341701829_Effects_of_Different_Hydroponics_Systems_and_Growing_Media_on_Physiological_Parameters_of_Spinach/links/5ecf739045851529451843c3/Effects-of-Different-Hydroponics-Systems-and-Growing-Media-on-Physiological-Parameters-of-Spinach.pdf)

*... The authors are thankful to MS Swaminathan School of Agriculture, Centurion University of Technology and Management for providing facilities to conduct this research work. ...*

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**Meteorological drought trend analysis by standardized precipitation index (SPI) and**

### **reconnaissance drought index (RDI): a case study of Gajapati District**

DR Mohanta, J Soren, SK Sarangi, S Sahu (2020)

IJCS, researchgate.net, cited by 2 (1.00 per year)

[https://www.researchgate.net/profile/Sharmistha-Sahu-2/publication/342022411\\_Meteorological\\_drought\\_trend\\_analysis\\_by\\_standardized\\_precipitation\\_index\\_SPI\\_and\\_reconnaissance\\_drought\\_index\\_RDI\\_a\\_case\\_study\\_of\\_Gajapati\\_District/links/5f17e3f5299bf1720d58e032/Meteorological-drought-trend-analysis-by-standardized-precipitation-index-SPI-and-reconnaissance-drought-index-RDI-a-case-study-of-Gajapati-District.pdf](https://www.researchgate.net/profile/Sharmistha-Sahu-2/publication/342022411_Meteorological_drought_trend_analysis_by_standardized_precipitation_index_SPI_and_reconnaissance_drought_index_RDI_a_case_study_of_Gajapati_District/links/5f17e3f5299bf1720d58e032/Meteorological-drought-trend-analysis-by-standardized-precipitation-index-SPI-and-reconnaissance-drought-index-RDI-a-case-study-of-Gajapati-District.pdf)

*Drought is taken into account as a natural hazard, which might be characterized mainly by its severity, duration, and areal extent. Among the above three dimensions, drought severity is ...*

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### **Feature selection and evaluation of permission-based Android malware detection**

S Chakravarty (2020)

2020 4th International Conference on Trends ..., ieeexplore.ieee.org, cited by 2 (1.00 per year)

<https://ieeexplore.ieee.org/abstract/document/9142929/>

*Android malware is a ubiquitous threat to the information security of mobile users. Android users often download applications from unauthorized and untrusted sources. Such ...*

-----

### **Fabrication of manual operated two row tomato transplanter**

G Dhupal, S Sahu (2020)

Journal of Pharmacognosy and ..., researchgate.net, cited by 2 (1.00 per year)

[https://www.researchgate.net/profile/Geetanjali-Dhupal/publication/343006669\\_Fabrication\\_of\\_manual\\_operated\\_two\\_row\\_tomato\\_transplanter/links/5f11498c92851c1eff183c4a/Fabrication-of-manual-operated-two-row-tomato-transplanter.pdf](https://www.researchgate.net/profile/Geetanjali-Dhupal/publication/343006669_Fabrication_of_manual_operated_two_row_tomato_transplanter/links/5f11498c92851c1eff183c4a/Fabrication-of-manual-operated-two-row-tomato-transplanter.pdf)

*... The authors gratefully acknowledge the support provided by Centurion University of Technology & Management and Orissa University of Agriculture and Technology, Bhubaneswar for ...*

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### **New Dimensions of RNA Based Technologies in Plant Functional Genomics**

D Saha, P Dey (2020)

Indian J. Nat. Sci, researchgate.net, cited by 2 (1.00 per year)

[https://www.researchgate.net/profile/Prajjal-Dey-2/publication/343151727\\_New\\_Dimensions\\_of\\_RNA\\_Based\\_Technologies\\_in\\_Plant\\_Functional\\_Genomics/links/5f19397345851515ef41b3ae/New-Dimensions-of-RNA-Based-Technologies-in-Plant-Functional-Genomics.pdf](https://www.researchgate.net/profile/Prajjal-Dey-2/publication/343151727_New_Dimensions_of_RNA_Based_Technologies_in_Plant_Functional_Genomics/links/5f19397345851515ef41b3ae/New-Dimensions-of-RNA-Based-Technologies-in-Plant-Functional-Genomics.pdf)

*Genome sequencing not only expanded our knowledge of many plant species' blueprints but also uncovered the complexities of coding and non-coding genes. It is important to ...*

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### **Automatic Speech Recognition System using MFCC-based LPC approach with Back Propagated Artificial Neural Networks**

K Raju, AS Krishna, M Murali (2020)

ICTACT Journal on Soft Computing, ictactjournals.in, cited by 2 (1.00 per year)

[http://ictactjournals.in/paper/IJSC\\_Vol\\_10\\_Iss\\_4\\_Paper\\_5\\_2153\\_2159.pdf](http://ictactjournals.in/paper/IJSC_Vol_10_Iss_4_Paper_5_2153_2159.pdf)

*Over the previous years, a marvelous quantity of study was performed by utilizing the artificial intelligence based deep learning approaches for the speech recognition applications. The ...*

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**A Review on Molecular Mechanisms of Wheat (*Triticum aestivum* L.) and Rice (*Oryza sativa* L.) against Abiotic Stresses with Special Reference to Drought and Heat**

S Tomar, MS Babu, DJ Gaikwad, ... (2021)

International Journal of ..., search.proquest.com, cited by 2 (2.00 per year)

[https://search.proquest.com/openview/cd44726853396e8218475b64b2a4df96/1?pq-origsite=gsc\\_holar&cbl=2032162](https://search.proquest.com/openview/cd44726853396e8218475b64b2a4df96/1?pq-origsite=gsc_holar&cbl=2032162)

*Proline degradation is catalysed in the mitochondria by proline dehydrogenase (PDH) then P5C dehydrogenase (P5CDH) by sequential reactions, both of which are induced by ...*

-----

**Rainfall prediction using machine learning approach: A case study for the state of odisha**

RK Misra, PK Panda, AK Sahu, S Sahoo, ... (2021)

Indian Journal of ..., researchgate.net, cited by 2 (2.00 per year)

[https://www.researchgate.net/profile/Prafulla-Panda/publication/342410970\\_Rainfall\\_Prediction\\_using\\_Machine\\_Learning\\_Approach\\_A\\_Case\\_Study\\_for\\_the\\_State\\_of\\_Odisha/links/5ef99da245851550507b0cd6/Rainfall-Prediction-using-Machine-Learning-Approach-A-Case-Study-for-the-State-of-Odisha.pdf](https://www.researchgate.net/profile/Prafulla-Panda/publication/342410970_Rainfall_Prediction_using_Machine_Learning_Approach_A_Case_Study_for_the_State_of_Odisha/links/5ef99da245851550507b0cd6/Rainfall-Prediction-using-Machine-Learning-Approach-A-Case-Study-for-the-State-of-Odisha.pdf)

*In the present article, an attempt has been made to derive optimal data-driven machine learning methods for forecasting an average rainy season (June to September, 1901-2018) ...*

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**Accelerating India's Energy Sector to Sustainable Sources, Potentials and Prospects**

NC Giri, RC Mohanty (2020)

Indian Journal of Natural Sciences, researchgate.net, cited by 2 (1.00 per year)

[https://www.researchgate.net/profile/Nimay-Giri/publication/339178073\\_Accelerating\\_India's\\_Energy\\_Sector\\_to\\_Sustainable\\_Sources\\_Potentials\\_and\\_Prospects/links/5e42c2a592851c7f7f2f5f20/Accelerating-Indias-Energy-Sector-to-Sustainable-Sources-Potentials-and-Prospects.pdf](https://www.researchgate.net/profile/Nimay-Giri/publication/339178073_Accelerating_India's_Energy_Sector_to_Sustainable_Sources_Potentials_and_Prospects/links/5e42c2a592851c7f7f2f5f20/Accelerating-Indias-Energy-Sector-to-Sustainable-Sources-Potentials-and-Prospects.pdf)

*Renewable energy sources such as solar, wind, hydro, biomass and others are sustainable as they are stable, nonpolluting and abundantly available at free of cost. These sources ...*

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**Diffusion of clean energy products: A conceptual framework**

SS Das (2020)

Indian Journal of Natural Sciences. ISSN, cited by 2 (1.00 per year)

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**Machine Learning and Information Processing**

D Swain, PK Pattnaik, T Athawale (2021)

Springer, cited by 2 (2.00 per year)

<https://doi.org/10.1007/978-981-33-4859-2>

... *University of Engineering and Technology, India Ananta Charan Ojha, Centurion University of Engineering and Technology, India Sourav Bhoi, Parala Maharaja Engineering College, ...*

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### **Personal privacy preserving data publication: $\epsilon$ -Differential privacy perspective**

PK Vadrevu, SK Adusumalli, ... (2020)

Solid State ..., researchgate.net, cited by 2 (1.00 per year)

[https://www.researchgate.net/profile/Pavan-Vadrevu/publication/347516164\\_Personal\\_privacy\\_preserving\\_data\\_publication\\_E-Differential\\_privacy\\_perspective/links/5fe029f9a6fdccdc8ebd457/Personal-privacy-preserving-data-publication-E-Differential-privacy-perspective.pdf](https://www.researchgate.net/profile/Pavan-Vadrevu/publication/347516164_Personal_privacy_preserving_data_publication_E-Differential_privacy_perspective/links/5fe029f9a6fdccdc8ebd457/Personal-privacy-preserving-data-publication-E-Differential-privacy-perspective.pdf)

*Personal privacy preservation has been very important topic in Internet of Things (IoT) and big data world from the recent years. Though, many research studies contain lot of restrictions ...*

-----

### **Performance evaluation of hybrid solar dryer for drying food products**

DD Behera, RC Mohanty, ... (2020)

International Journal of ..., researchgate.net, cited by 2 (1.00 per year)

[https://www.researchgate.net/profile/Debashree-Behera/publication/340593398\\_Performance\\_Evaluation\\_of\\_Hybrid\\_Solar\\_Dryer\\_for\\_Drying\\_Food\\_Products/links/5e9339854585150839d83791/Performance-Evaluation-of-Hybrid-Solar-Dryer-for-Drying-Food-Products.pdf](https://www.researchgate.net/profile/Debashree-Behera/publication/340593398_Performance_Evaluation_of_Hybrid_Solar_Dryer_for_Drying_Food_Products/links/5e9339854585150839d83791/Performance-Evaluation-of-Hybrid-Solar-Dryer-for-Drying-Food-Products.pdf)

*The drying of various food products such as ginger, potato, tomato and bread is very much necessary to preserve in a hygienic way. Solar dryer is an alternative and effective method of ...*

-----

### **Salt and Drought Stress Responses in Cultivated Beets (*Beta vulgaris* L.) and Wild Beet (*Beta maritima* L.)**

S Yolcu, H Alavilli, P Ganesh, M Panigrahy, K Song (2021)

Plants, mdpi.com, cited by 2 (2.00 per year)

<https://www.mdpi.com/1258808>

*Cultivated beets, including leaf beets, garden beets, fodder beets, and sugar beets, which belong to the species *Beta vulgaris* L., are economically important edible crops that have been ...*

-----

### **Synthesis of a novel $\beta$ -cyclodextrin-functionalized Fe<sub>3</sub>O<sub>4</sub>/BaMoO<sub>4</sub>:Dy<sup>3+</sup> magnetic luminescent hybrid nanomaterial and its application as a drug carrier**

SK Swain, A Sahoo, SK Swain, SK Tripathy, ... (2020)

Dalton ..., pubs.rsc.org, cited by 2 (1.00 per year)

<https://pubs.rsc.org/en/content/articlehtml/2020/dt/d0dt02314k>

*Magnetic luminescent hybrid nanoparticles Fe<sub>3</sub>O<sub>4</sub>/BaMoO<sub>4</sub>:Dy<sup>3+</sup> (MLHNPs) were successfully synthesized by the co-precipitation method using ethylene glycol. The MLHNPs are ...*

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**Transition Metal-Catalyzed Hydroalkoxylation of Alkynes: An Overview**

SK Nanda, R Mallik (2021)

Chemistry—A European Journal, Wiley Online Library, cited by 2 (2.00 per year)

<https://doi.org/10.1002/chem.202102194>

*Oxygen-bearing motifs, mainly the congener heterocycles are ubiquitous due to their presence in various natural products and bioactive scaffolds. Although in literature, several ...*

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**Salicylic acid modulates ACS, NHX1, sos1 and HKT1;2 expression to regulate ethylene overproduction and Na<sup>+</sup> ions toxicity that leads to improved physiological ...**

YR Rao, MW Ansari, RK Sahoo, RK Wattal, ... (2021)

Plant Signaling & ..., Taylor & Francis, cited by 2 (2.00 per year)

<https://doi.org/10.1080/15592324.2021.1950888>

*Tomato is an important crop for its high nutritional and medicinal properties. The role of salicylic acid (SA) in 1-aminocyclopropane-1-carboxylate synthase (ACS), sodium-hydrogen ...*

-----

**Fabrication and Characterization of Physical and Mechanical Properties of Carbon Nanotubes—Graphene-Based Sandwich Composite Pressure Sensor**

A Ali, F Ali, A Rashedi, A Armghan, MR Fazita, ... (2021)

Nanomaterials, mdpi.com, cited by 2 (2.00 per year)

<https://www.mdpi.com/2079-4991/11/5/1284>

*In this work, piezoresistive properties of graphene-multiwalled carbon nanotubes (MWCNTs) composites are investigated, characterized, and compared. Sandwich-type composite ...*

-----

**Zagreb Indices of Square Snake Graphs**

P Mahalank, BK Majhi, S Delen, ... (2021)

Montes Taurus Journal ..., mtjpamjournal.com, cited by 2 (2.00 per year)

[https://mtjpamjournal.com/papers/article\\_id\\_mtjpam-d-20-00056/](https://mtjpamjournal.com/papers/article_id_mtjpam-d-20-00056/)

*Several lattice structures that can be thought as graphs are useful in the study of large networks. In this work, we study 15 topological graph indices from the class of Zagreb indices of ...*

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**A Comprehensive Review on Energy Management in Micro-Grid System**

S Kumar, RK Saket, P Sanjeevikumar, ... (2021)

Microgrid ..., Wiley Online Library, cited by 2 (2.00 per year)

<https://doi.org/10.1002/9781119710905.ch1>

*Since the last decades there has been a huge exploitation of non-conventional (renewable) energy resources which has increased significantly. A Micro-Grid (MG) presents an ...*

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**Comparative evaluation of the quality characteristics of the osmo-dehydrated star fruit slices using hot air, solar and sun drying**

G Behera, K Rayaguru (2020)

J. Pharmacogn. Phytochem, phytojournal.com, cited by 2 (1.00 per year)

<https://www.phytojournal.com/archives/2020/vol9issue4/PartF/9-3-458-919.pdf>

*... The authors gratefully acknowledge the support provided by Centurion University of Technology & Management and Orissa University of Agriculture and Technology, Bhubaneswar for ...*

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**Medicinal uses of few edible tuber crops by “Dongria Kandha” tribes of Kandhamal district of Odisha, India**

S Parida, M Sarangi (2021)

Indian Journal of Traditional Knowledge (IJTK), cited by 2 (2.00 per year)

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**Molecular basis of insect resistance in plants: current updates and future prospects**

N Satyabrata, M Rukmini, JR Kumar (2021)

Research Journal of ..., researchgate.net, cited by 2 (2.00 per year)

[https://www.researchgate.net/profile/Satyabrata-Nanda/publication/349584959\\_Molecular\\_basis\\_of\\_insect\\_resistance\\_in\\_plants\\_Current\\_updates\\_and\\_future\\_prospects/links/603725b14585158939c9fbbe/Molecular-basis-of-insect-resistance-in-plants-Current-updates-and-future-prospects.pdf](https://www.researchgate.net/profile/Satyabrata-Nanda/publication/349584959_Molecular_basis_of_insect_resistance_in_plants_Current_updates_and_future_prospects/links/603725b14585158939c9fbbe/Molecular-basis-of-insect-resistance-in-plants-Current-updates-and-future-prospects.pdf)

*... School of Applied Sciences, Centurion University of Technology and Management, Odisha, INDIA 3. Department of Biotechnology, Rama Devi Women's University, Bhubaneswar, ...*

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**Traditional Medicinal Plants of Odisha**

G Sahoo, AM Wani, B Satpathy, ... (2020)

Research & Reviews: A ..., researchgate.net, cited by 2 (1.00 per year)

[https://www.researchgate.net/profile/Sandeep-Rout-2/publication/348364421\\_Traditional\\_Medicinal\\_Plants\\_of\\_Odisha/links/5ffaa9cd92851c13ffefd178/Traditional-Medicinal-Plants-of-Odisha.pdf](https://www.researchgate.net/profile/Sandeep-Rout-2/publication/348364421_Traditional_Medicinal_Plants_of_Odisha/links/5ffaa9cd92851c13ffefd178/Traditional-Medicinal-Plants-of-Odisha.pdf)

*This study summarises the traditional medicinal plant of Odisha. Use of plants as a supply of medicine has been an ancient tradition and is a very important part of the health care ...*

-----

**Various Phytochemical Constituents and Their Potential Pharmacological Activities of Plants of the Genus Syzygium**

VJ Lakshmi, K Manasa, SK Ranajit (2021)

Ajptr, ajptr.com, cited by 2 (2.00 per year)

[http://ajptr.com/assets/upload/publish\\_article/AJPTR112006.pdf](http://ajptr.com/assets/upload/publish_article/AJPTR112006.pdf)

*Syzygium genus contain several plant species which spread across the world, most of them are having diverse biological activity among which some are reported, and some are not. So...*

-----  
**Study on the Effects of Kandhamal Haladi in Benzo [a]Pyrene-Induced Behavioral Changes in Adult Zebrafish (Danio rerio)**

L Satpathy, SP Parida (2021)

Polycyclic Aromatic Compounds, Taylor & Francis, cited by 2 (2.00 per year)

<https://doi.org/10.1080/10406638.2021.1886124>

*The aquatic ecosystem provides a base for the environmental pollutants that have potential to induce the anxiety-like behavioral response in aquatic animals. Benzo[a]pyrene (B[a]P) is ...*

-----  
**Studies on the use of plants and plant parts by the tribals of Malkangiri district, Odisha for different rituals and medicinal uses**

SK Bala, S Parida, G Mahalik (2020)

Plant Archives, researchgate.net, cited by 2 (1.00 per year)

[https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/344727910\\_Studies\\_on\\_the\\_use\\_of\\_plants\\_and\\_plant\\_parts\\_by\\_the\\_tribals\\_of\\_Malkangiri\\_district\\_Odisha\\_for\\_different\\_rituals\\_and\\_medicinal\\_uses/links/5f8c5d1d299bf1b53e2f3b60/Studies-on-the-use-of-plants-and-plant-parts-by-the-tribals-of-Malkangiri-district-Odisha-for-different-rituals-and-medicinal-uses.pdf](https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/344727910_Studies_on_the_use_of_plants_and_plant_parts_by_the_tribals_of_Malkangiri_district_Odisha_for_different_rituals_and_medicinal_uses/links/5f8c5d1d299bf1b53e2f3b60/Studies-on-the-use-of-plants-and-plant-parts-by-the-tribals-of-Malkangiri-district-Odisha-for-different-rituals-and-medicinal-uses.pdf)

*In India, there is a mixture of 437 tribes, and the quantity of tribes in Odisha is 62. As indicated by 1991 identification, in Odisha the complete quality of tribal individuals in moderately ...*

-----  
**Effect on structural, electrical and temperature sensing behavior of neodymium doped bismuth ferrite**

AK Sahu, P Mallick, SK Satpathy, ... (2021)

Advanced Materials ..., aml.iaamonline.org, cited by 2 (2.00 per year)

[https://aml.iaamonline.org/article\\_14093.html](https://aml.iaamonline.org/article_14093.html)

*Synthesis of polycrystalline samples of  $Bi_{1-x}Nd_xFeO_3$  [ $x= 0.5, 0.6, 0.7$  and  $0.8$ ] were demonstrated following solid-state reaction method at high temperature. The structural properties of ...*

-----  
**Impact of KVK training on farmers of Jagatsinghpur district of Odisha**

LL Meena, BK Mohanty, AK Prusty, S Rout (2020)

Journal of Plant ..., jpds.co.in, cited by 2 (1.00 per year)

<http://jpds.co.in/wp-content/uploads/2020/07/08.-Sandeep-Rout-1763-proof-edited-9-7-2020.pdf>

*The study was conducted in Jagatsinghpur District of Odisha to find out the impact of training provided by KVK on the farmers of the District. This study accesses the technological ...*

-----  
**Toughness factors reflections ONM-40 CC by part ousting cement by SCBA & adding siyali fibre**

RP Behera, SP Mishra, S Nayak, S Panda, ... (2020)  
Journal of Scientific ..., researchgate.net, cited by 2 (1.00 per year)

[https://www.researchgate.net/profile/Siba-Mishra/publication/344341266\\_Toughness\\_Factors\\_Reflections\\_ONM-40\\_CC\\_by\\_Part\\_Ousting\\_Cement\\_by\\_SCBA\\_Adding\\_Siyali\\_fibre/links/5f6a23ada6fdcc00863451dc/Toughness-Factors-Reflections-ONM-40-CC-by-Part-Ousting-Cement-by-SCBA-Adding-Siyali-fibre.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/344341266_Toughness_Factors_Reflections_ONM-40_CC_by_Part_Ousting_Cement_by_SCBA_Adding_Siyali_fibre/links/5f6a23ada6fdcc00863451dc/Toughness-Factors-Reflections-ONM-40-CC-by-Part-Ousting-Cement-by-SCBA-Adding-Siyali-fibre.pdf)

... *Black hard granite chips of uniform size of 12mm and the water used from the laboratory tap of Centurion University of Technology and Management to maintain a suitable distribution of ...*

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### **Bioremediation of synthetic polymers: present and future prospects of plastic biodegradation**

UN Mishra, S Das, R Kandali (2020)  
Int J Curr Microbiol App Sci, researchgate.net, cited by 2 (1.00 per year)

[https://www.researchgate.net/profile/Udit-Mishra/publication/349900840\\_Bioremediation\\_of\\_Synthetic\\_Polymers\\_Present\\_and\\_Future\\_Prospects\\_of\\_Plastic\\_Biodegradation/links/605095fca6fdccbfeae223a4/Bioremediation-of-Synthetic-Polymers-Present-and-Future-Prospects-of-Plastic-Biodegradation.pdf](https://www.researchgate.net/profile/Udit-Mishra/publication/349900840_Bioremediation_of_Synthetic_Polymers_Present_and_Future_Prospects_of_Plastic_Biodegradation/links/605095fca6fdccbfeae223a4/Bioremediation-of-Synthetic-Polymers-Present-and-Future-Prospects-of-Plastic-Biodegradation.pdf)

*Plastics are artificially synthesized long chain polymeric molecules (Scott, 2000) consisting of a wide range of synthetic or semi-synthetic organic and inorganic compounds (...)*

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### **Coefficient of Variation based Decision Tree Classifier for Face Recognition with Invariant Moments**

SS Redla, B Mallik, ... (2020)  
2020 2nd International ..., ieeexplore.ieee.org, cited by 2 (1.00 per year)

<https://ieeexplore.ieee.org/abstract/document/9074889/>

... *Research scholar, Department of Mathematics Centurion University of Technology & ... Department of Mathematics Centurion University of Technology & Management Odisha, ...*

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### **Influence of Gibberellic Acid (GA3) Different Concentrations on Seedling Growth of Bael (Aegle marmelos L.)**

S Rout, S Beura, S Nayak, S Kar (2020)  
Ind. J. Pure App. Biosci, researchgate.net, cited by 2 (1.00 per year)

[https://www.researchgate.net/profile/Sandeep-Rout-2/publication/344255767\\_Influence\\_of\\_Gibberellic\\_Acid\\_GA\\_3\\_Different\\_Concentrations\\_on\\_Seedling\\_Growth\\_of\\_Bael\\_Aegle\\_marmelos\\_L/links/5f61036f92851c078969feba/Influence-of-Gibberellic-Acid-GA-3-Different-Concentrations-on-Seedling-Growth-of-Bael-Aegle-marmelos-L.pdf](https://www.researchgate.net/profile/Sandeep-Rout-2/publication/344255767_Influence_of_Gibberellic_Acid_GA_3_Different_Concentrations_on_Seedling_Growth_of_Bael_Aegle_marmelos_L/links/5f61036f92851c078969feba/Influence-of-Gibberellic-Acid-GA-3-Different-Concentrations-on-Seedling-Growth-of-Bael-Aegle-marmelos-L.pdf)

*An experiment was conducted during the year 2015-16 at Nursery of Biotechnology-cum-Tissue Culture Centre, Ouat, Bhubaneswar, India to study the effect of GA3 pre treatment (ie ...)*

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### **Classes of New Geometric Difference Sequence Spaces**



S Singh, S Dutta (2020)

Test Engineering and Management, researchgate.net, cited by 2 (1.00 per year)

[https://www.researchgate.net/profile/Saubhagyaxmi-Singh/publication/343473403\\_Classes\\_of\\_New\\_Geometric\\_Difference\\_Sequence\\_Spaces/links/5f2bd0fe458515b72906b09a/Classes-of-New-Geometric-Difference-Sequence-Spaces.pdf](https://www.researchgate.net/profile/Saubhagyaxmi-Singh/publication/343473403_Classes_of_New_Geometric_Difference_Sequence_Spaces/links/5f2bd0fe458515b72906b09a/Classes-of-New-Geometric-Difference-Sequence-Spaces.pdf)

*The main purpose of this paper is to introduce a new geometric difference sequence space  $XG\Delta k G, \mathcal{G}, pG$  for  $X = l\infty, c0, c$ , where  $\Delta k G xk = xk \ominus xk+1$ , for all  $k = 1, 2, 3, \dots$  and study its ...*

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### **An Approach Towards Method Development to Investigate the Anti-Diabetic Activity on Experimental Animals**

S Dash, G Pattnaik, B Kar, N Sahoo, ... (2021)

Current Trends in ..., abap.co.in, cited by 2 (2.00 per year)

<https://abap.co.in/index.php/home/article/view/101>

*plants are used predominantly as the source for diabetes treatment; some plants are authenticated scientifically worldwide for their active constituents. The occurrence of diabetes ...*

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### **Experimental investigation of EDM process parameters by using Pongamia Pinnata oil blends as dielectric medium**

D Mabbu (2021)

Journal of Computational & Applied Research in ..., jcarme.sru.ac.ir, cited by 2 (2.00 per year)

[https://jcarme.sru.ac.ir/article\\_1136.html](https://jcarme.sru.ac.ir/article_1136.html)

*... The present work is carried out at Centurion University of Technology and Management, India and the authors are thankful to the management for availing the machining facilities of ...*

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### **Nutrition sensitive agriculture in Tripura, an overview**

S Modak (2020)

Int J Curr Microbiol Appl Sci, academia.edu, cited by 2 (1.00 per year)

<https://www.academia.edu/download/64095075/Satarupa%20Modak.pdf>

*Nutrition sensitivity gaining more weightage in the recent decades as many cases of malnutrition has been reported vigorously from different parts of the world including India. Despite ...*

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### **Pitcher irrigation in salinity management for production of brinjal crop in coastal soil of West Bengal, India**

R Adhikary, M Bera, SK De, ... (2020)

Ecology. Environment ..., envirotechjournals.com, cited by 2 (1.00 per year)

<https://www.envirotechjournals.com/EEC/Vol26AugSuppl20/EEC-22.pdf>

*Pitcher irrigation, an indigenous technology, alternative to drip irrigation is one of the cheapest among the latest advancement of localized method of small scale irrigation and found ...*

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**Performance comparison of PCA and LDA with linear regression and random forest for iris flower classification**

D Rana, SP Jena, SK Pradhan (2020)

PalArch's Journal of ..., archives.palarch.nl, cited by 2 (1.00 per year)

<https://archives.palarch.nl/index.php/jae/article/view/4145>

*Classification is the mostly used machine learning problem now a day for varieties of application use in the field of security, agriculture, industry etc. This paper performs the ...*

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**A Review on Effect of Phosphorus and Sulphur on Growth, Productivity and Nutrient Uptake of Green Gram (Vigna radiata L.)**

S Sahu, T Shankar, S Maitra, S Mohapatro, ... (2020)

Agro. Econ. Int ..., researchgate.net, cited by 2 (1.00 per year)

[https://www.researchgate.net/profile/T-Neelima/publication/350176344\\_Yield\\_Gap\\_Analysis\\_of\\_Rice\\_Under\\_Priyadarshini\\_Jurala\\_Command\\_Area\\_Using\\_RS\\_and\\_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=99](https://www.researchgate.net/profile/T-Neelima/publication/350176344_Yield_Gap_Analysis_of_Rice_Under_Priyadarshini_Jurala_Command_Area_Using_RS_and_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=99)

*Green gram (Vigna radiata L.) is one of the important pulses grown in different seasons in India. For satisfactory yield, nutrients management is essential in green gram. As a legume ...*

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**Morphological and biochemical responses of Macrotyloma uniflorum (Lam.) Verdc. to allelopathic effects of Mikania micrantha Kunth extracts**

P Jali, IP Samal, S Jena, G Mahalik (2021)

Heliyon, Elsevier, cited by 2 (2.00 per year)

<https://www.sciencedirect.com/science/article/pii/S2405844021019253>

*Yield loss due to noxious weeds is one among several reasons for the reduced economy for the developing countries. Impacts of one such weed ie Mikania micrantha were investigated ...*

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**Growing of Dendrobium Orchids in Greenhouse**

S Maitra, TS Masina Sairam, ... (2020)

Protected Cultivation and ..., researchgate.net, cited by 2 (1.00 per year)

[https://www.researchgate.net/profile/Dinkar-Gaikwad/publication/347239849\\_Growing\\_of\\_Dendrobium\\_Orchids\\_in\\_Greenhouse/links/5fd8c1e5a6fdccdb8cb1b61/Growing-of-Dendrobium-Orchids-in-Greenhouse.pdf](https://www.researchgate.net/profile/Dinkar-Gaikwad/publication/347239849_Growing_of_Dendrobium_Orchids_in_Greenhouse/links/5fd8c1e5a6fdccdb8cb1b61/Growing-of-Dendrobium-Orchids-in-Greenhouse.pdf)

*Protected cultivation of high value cut-flowers has become attractive because of more income from unit area. Orchids are attractive flowers with greater diversity and commercial ...*

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**A Review on Modelling and Simulation of Ground Water Resources in Urban Regions**

P Panda, ML Narasimham (2020)

Infokara Res, infokara.com, cited by 2 (1.00 per year)

<https://www.infokara.com/gallery/25-jan-3473.pdf>

*Water scarcity in urban areas is a common problem across many cities in India. Increasing urban population, industrial expansion and declining surface water sources owing to deficient ...*

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### **Congestion and Performance Evaluation of Roundabouts: Case Study at Bhubaneswar City, India**

DK Dash, SP Mishra, M Siddique, S Panda (2021)

Design Engineering, researchgate.net, cited by 2 (2.00 per year)

[https://www.researchgate.net/profile/Siba-Mishra/publication/351104203\\_Congestion\\_and\\_Performance\\_Evaluation\\_of\\_Roundabouts\\_Case\\_Study\\_at\\_Bhubaneswar\\_City\\_India/links/608770272fb9097c0c0f9fd0/Congestion-and-Performance-Evaluation-of-Roundabouts-Case-Study-at-Bhubaneswar-City-India.pdf?sg%5B0%5D=started\\_experiment\\_milestone&origin=journalDetail](https://www.researchgate.net/profile/Siba-Mishra/publication/351104203_Congestion_and_Performance_Evaluation_of_Roundabouts_Case_Study_at_Bhubaneswar_City_India/links/608770272fb9097c0c0f9fd0/Congestion-and-Performance-Evaluation-of-Roundabouts-Case-Study-at-Bhubaneswar-City-India.pdf?sg%5B0%5D=started_experiment_milestone&origin=journalDetail)

*Traffic congestion is one of the main problems that are being faced by developed and developing countries around the world including India. Traffic jam has flourished as a common ...*

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### **Hydroponics Cultivation of Crops**

DJ Gaikwad, S Maitra

researchgate.net, cited by 2 (0.00 per year)

[https://www.researchgate.net/profile/Dinkar-Gaikwad/publication/346953811\\_Hydroponics\\_Cultivation\\_of\\_Crops/links/5fd3971b92851c13fe7bd7ff/Hydroponics-Cultivation-of-Crops.pdf](https://www.researchgate.net/profile/Dinkar-Gaikwad/publication/346953811_Hydroponics_Cultivation_of_Crops/links/5fd3971b92851c13fe7bd7ff/Hydroponics-Cultivation-of-Crops.pdf)

*Hydroponics technology is possibly the most intensive and a versatile method of growing crops production at present as it allows optimum utilization of nutrient solution, water and space...*

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### **Nursery Raising for Vegetables and Flowers in Greenhouse**

S Mohanta, S Dalai, B Sahu

researchgate.net, cited by 2 (0.00 per year)

[https://www.researchgate.net/profile/Smaranika-Mohanta/publication/347250051\\_Nursery\\_Raising\\_for\\_Vegetables\\_and\\_Flowers\\_in\\_Greenhouse/links/5fe6de7e45851553a0ef63c8/Nursery-Raising-for-Vegetables-and-Flowers-in-Greenhouse.pdf](https://www.researchgate.net/profile/Smaranika-Mohanta/publication/347250051_Nursery_Raising_for_Vegetables_and_Flowers_in_Greenhouse/links/5fe6de7e45851553a0ef63c8/Nursery-Raising-for-Vegetables-and-Flowers-in-Greenhouse.pdf)

*India is having a great diversity of agro climatic zones suitable for different horticultural crops such as fruits, vegetables, ornamental plants, spices, plantation crops, medicinal and ...*

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### **Compact wearable low-SAR dual band antenna for on body network applications**

G Srilatha, GS Raju, PAS Dayal (2021)

International Journal of ..., Wiley Online Library, cited by 1 (1.00 per year)

<https://doi.org/10.1002/dac.4977>

*A compact antenna is designed for on-body applications in the industrial, scientific, and medical (ISM) frequency bands in the range from 2.45 to 5.8 GHz. A circular structure with ...*

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**Adomian decomposition method for the MHD flow of a viscous fluid with the influence of dissipative heat energy**

S Acharya, B Nayak, SR Mishra, S Jena (2020)

Heat Transfer, Wiley Online Library, cited by 1 (0.50 per year)

<https://doi.org/10.1002/htj.21844>

*An investigation is carried out on the effect of dissipative heat energy on the flow of an electrically conducting viscous fluid past a shrinking sheet. Both viscous and Joule dissipation ...*

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**Bioefficacy of different novel insecticides against aphid, *A. gossypii* in transgenic cotton**

V Ramalakshmi, D Lipsa, P Deepayan (2020)

J. Entomol. Zool. Stud, entomoljournal.com, cited by 1 (0.50 per year)

<https://www.entomoljournal.com/archives/2020/vol8issue2/PartAB/8-2-176-564.pdf>

*Field efficacy of some new insecticides were assessed against cotton aphid, *A. gossypii* during kharif 2011-12 at Regional Agricultural Research Station, Lam, Guntur. Bt cotton hybrid ...*

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**In Silico Analysis of Phytochemicals from Lemon Grass against Shikimate Dehydrogenase of *Staphylococcus aureus* Causing Skin Disease**

S DAS, SK NANDA, T RATH, ... (2020)

Plant Cell ..., archives.biciconference.co.in, cited by 1 (0.50 per year)

<https://archives.biciconference.co.in/index.php/PCBMB/article/view/5011>

*This analysis aims at evaluating the effects of Lemon Grass extract on Skin disease. Skin disease is caused by *Staphylococcus aureus*. The phytochemicals of Lemon Grass were ...*

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**Influences of kitchen waste product to restore soil fertility and impact on pulse crop**

R Adhikary, A Pal (2020)

Indian Journal of Natural Sciences, researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Rahul-Adhikary/publication/342242861\\_Influences\\_of\\_Kitchen\\_Waste\\_Product\\_to\\_Restore\\_Soil\\_Fertility\\_and\\_Impact\\_on\\_Pulse\\_Crop/links/5eea3360458515814a671752/Influences-of-Kitchen-Waste-Product-to-Restore-Soil-Fertility-and-Impact-on-Pulse-Crop.pdf](https://www.researchgate.net/profile/Rahul-Adhikary/publication/342242861_Influences_of_Kitchen_Waste_Product_to_Restore_Soil_Fertility_and_Impact_on_Pulse_Crop/links/5eea3360458515814a671752/Influences-of-Kitchen-Waste-Product-to-Restore-Soil-Fertility-and-Impact-on-Pulse-Crop.pdf)

*... Waste material were collected from different fast food shops and vending zone near Centurion University of Technology and Management, Parlakhemundi, Odisha, India. After collection ...*

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**Promoting Growth & Resilience of Businesses During and After the Coronavirus (Covid-19) Pandemic—A Review**

K Pattanayak, C Padhy (2021)

Indian Journal of Natural Sciences, researchgate.net, cited by 1 (1.00 per year)

[https://www.researchgate.net/profile/Kalee-Pattanayak/publication/360785052\\_Promoting\\_Grow](https://www.researchgate.net/profile/Kalee-Pattanayak/publication/360785052_Promoting_Grow)

[th Resilience of Businesses During and After the Coronavirus Covid -19 Pandemic -A Review/links/628b7679cd5c1b0b34f0f1b7/Promoting-Growth-Resilience-of-Businesses-During-and-After-the-Coronavirus-Covid-19-Pandemic-A-Review.pdf](https://doi.org/10.1504/IJMPT.2021.115214)

*At the outset of 2020, the world economy was hit with uncertainties due to the coronavirus pandemic. This emergent issue impacts the entrepreneurial world severely as it ultimately ...*

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**Status of zero budget natural farming: An overview**

A Naik, B Ashokkumar (2021)

The Pharma Innovation Journal, thepharmajournal.com, cited by 1 (1.00 per year)

<https://www.thepharmajournal.com/archives/2021/vol10issue7S/PartF/S-10-6-105-669.pdf>

*Agriculture is considered the backbone of Indian economy since centuries. Initially India had subsistence type of farming but as the dependence on food grains increased with ...*

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**Preparation of graphene reinforced aluminium composites: investigation of microstructural, electrical conductivity and microhardness behaviour**

BB Palei, T Dash, SK Biswal (2021)

International Journal of ..., inderscienceonline.com, cited by 1 (1.00 per year)

<https://doi.org/10.1504/IJMPT.2021.115214>

*We have prepared composites of Al-graphene (0.1 wt%-0.3 wt%) by employing a specially designed dry planetary ball milling technique (by six hrs of milling) followed by optimised ...*

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**Synthesis of radiation patterns of arrays with defined sidelobe structure using accelerated particle swarm optimization**

PAS Dayal, GSN Raju, S Mishra, ... (2020)

Engineering ..., engineeringletters.com, cited by 1 (0.50 per year)

[http://www.engineeringletters.com/issues\\_v28/issue\\_2/EL\\_28\\_2\\_33.pdf](http://www.engineeringletters.com/issues_v28/issue_2/EL_28_2_33.pdf)

*... PA Sunny Dayal is with the Centurion University of Technology ... GSN Raju is with the Centurion University of Technology and ... Mishra is with the Centurion University of Technology and ...*

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**Preliminary Phytochemical Screening and FTIR analysis of an Indian Medicinal Herb: Paederia Foetida (Prasarini)**

S Satapathy, G Pattnaik (2020)

EXECUTIVE EDITOR, researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Suhad-Kahdum-Ali/publication/342204726\\_Breast\\_Cancer\\_and\\_Hormonal\\_Level\\_Changes/links/5eeb8419299bf1faac5efb33/Breast-Cancer-and-Hormonal-Level-Changes.pdf#page=670](https://www.researchgate.net/profile/Suhad-Kahdum-Ali/publication/342204726_Breast_Cancer_and_Hormonal_Level_Changes/links/5eeb8419299bf1faac5efb33/Breast-Cancer-and-Hormonal-Level-Changes.pdf#page=670)

*... Sciences, Centurion University, Jatni, Bhubaneswar 752050, Odisha, India. 2Principal, School of Pharmacy and Life Sciences, Centurion University Jatni, Bhubaneswar, Odisha, India*

...

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**Optimisation of energy and exergy parameters of a CI engine in dual fuel mode using Taguchi method**

NHS Ray, RC Mohanty, ... (2020)

International Journal of ..., inderscienceonline.com, cited by 1 (0.50 per year)

<https://doi.org/10.1504/IJETP.2020.109313>

*In this study, the first and second laws of thermodynamics are applied to analyse the quantity and quality of energy and exergy in a compression ignition (CI) engine using diesel and ...*

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**Response of hybrid sweet corn (*Zea mays saccharata*) to fertility levels with and without gibberellin on production potential and economics in Southern Odisha**

GC Mishra, K Avinash, SK Duvvada, ... (2020)

Journal of ..., phytojournal.com, cited by 1 (0.50 per year)

<https://www.phytojournal.com/archives/2020/vol9issue4/PartC/9-3-409-525.pdf>

*The field experiment was taken over at Campus Farm, MS Swaminathan School of Agriculture, Centurion University of Technology and Management, Paralakhemundi, Odisha, India in ...*

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**Clean energy products and distribution, revenue collection model**

SS Das, B Debashree (2020)

Indian Journal of Natural Sciences, researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Shiv-Das/publication/344401771\\_Clean\\_Energy\\_Products\\_and\\_Distribution\\_Revenue\\_Collection\\_Model/links/5f719f39a6fdcc0086434e35/Clean-Energy-Products-and-Distribution-Revenue-Collection-Model.pdf](https://www.researchgate.net/profile/Shiv-Das/publication/344401771_Clean_Energy_Products_and_Distribution_Revenue_Collection_Model/links/5f719f39a6fdcc0086434e35/Clean-Energy-Products-and-Distribution-Revenue-Collection-Model.pdf)

*A majority of Indian population resides in villages. Once Mahatma Gandhi has said real India resides in villages and we need to put effort to develop our villages. The most common ...*

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**Ganoderma: The wild mushroom with wonderful health benefits**

S Pattanayak, S Das, G Biswal

academia.edu, cited by 1 (0.00 per year)

<https://www.academia.edu/download/63963186/S-9-2-97-48220200719-84643-1eipgth.pdf>

*Mushrooms are used as a nutritional rich food and used as traditional medicine to cure many lifethreatening diseases since long ago. It is regarded as "Food of gods" by the Romans ...*

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**Performance Evaluation of One MW On-Grid SPV Power Generation Plant in Odisha, India**

RC Mohanty

academia.edu, cited by 1 (0.00 per year)

[https://www.academia.edu/download/62075300/Performance\\_Evaluation\\_of\\_One\\_MW\\_On\\_Grid\\_SPV\\_Power\\_Generation\\_Plant\\_in\\_Odisha20200212-118430-1emyhpi.pdf](https://www.academia.edu/download/62075300/Performance_Evaluation_of_One_MW_On_Grid_SPV_Power_Generation_Plant_in_Odisha20200212-118430-1emyhpi.pdf)

*Solar energy is an abundant source of renewable energy radiating both light and heat from the sun. In the past few decades, it has more attention towards power generation due to ...*

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**Performance of finger and foxtail millet at different levels of nutrient and cultural management**

M Roja, CHDMD Reddy (2020)

IJCS, researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Chandaka-Deepthi/publication/341572310\\_Performance\\_of\\_finger\\_and\\_foxtail\\_millet\\_at\\_different\\_levels\\_of\\_nutrient\\_and\\_cultural\\_management/links/5f186be7a6fdcc9626a6b733/Performance-of-finger-and-foxtail-millet-at-different-levels-of-nutrient-and-cultural-management.pdf](https://www.researchgate.net/profile/Chandaka-Deepthi/publication/341572310_Performance_of_finger_and_foxtail_millet_at_different_levels_of_nutrient_and_cultural_management/links/5f186be7a6fdcc9626a6b733/Performance-of-finger-and-foxtail-millet-at-different-levels-of-nutrient-and-cultural-management.pdf)

*In India, finger millet and small millets respectively occupy 11.93 and 6.82 lakh ha area with a production of 199.92 and 4.89 lakh tones and the productivity of 1661 and 633 kg ha<sup>-1</sup> (...)*

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**A review on inflammatory bowel disease-recent pharmaceutical approaches to combat it**

NR Kar (2021)

Int J Pharm Sci Res, researchgate.net, cited by 1 (1.00 per year)

[https://www.researchgate.net/profile/Nihar-Kar/publication/353071618\\_A\\_REVIEW\\_ON\\_INFLAMMATORY\\_BOWEL\\_DISEASE-RECENT\\_PHARMACEUTICAL\\_APPROACHES\\_TO\\_COMBAT\\_IT/links/60e6a2940fbf460db8ee63cf/A-REVIEW-ON-INFLAMMATORY-BOWEL-DISEASE-RECENT-PHARMACEUTICAL-APPROACHES-TO-COMBAT-IT.pdf](https://www.researchgate.net/profile/Nihar-Kar/publication/353071618_A_REVIEW_ON_INFLAMMATORY_BOWEL_DISEASE-RECENT_PHARMACEUTICAL_APPROACHES_TO_COMBAT_IT/links/60e6a2940fbf460db8ee63cf/A-REVIEW-ON-INFLAMMATORY-BOWEL-DISEASE-RECENT-PHARMACEUTICAL-APPROACHES-TO-COMBAT-IT.pdf)

*Inflammatory bowel diseases (IBD) are chronic and relapsing intestinal inflammatory conditions, hallmarked by a disturbance in the bidirectional interaction between gut and brain. IBD ...*

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**Influence of Sr<sup>2+</sup> ion substitution on structural, morphological, optical, thermal, and magnetic behavior of MgFe<sub>2</sub>O<sub>4</sub> cubic spinel**

S Baskar, S Yuvaraj, S Partha Sarathi, ... (2021)

Journal of the ..., Wiley Online Library, cited by 1 (1.00 per year)

<https://doi.org/10.1002/jccs.202000319>

*Utilizing L-arginine as a fuel, Mg<sub>1-x</sub>Sr<sub>x</sub>Fe<sub>2</sub>O<sub>4</sub> (0 ≤ x ≤ 0.5) spinel nanoparticles were prepared by the microwave combustion process. Impact of Sr<sup>2+</sup> ion substitution on structural...*

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**A real time surveillance on disease and pest monitoring, characterization and conventional management strategy of major cultivated crops in tropical savanna ...**

S Das, S Pattanayak, M Bammidi (2020)

IJCS, researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Siddhartha-Das-7/publication/341573220\\_A\\_real\\_time\\_sur](https://www.researchgate.net/profile/Siddhartha-Das-7/publication/341573220_A_real_time_sur)

[veillance on disease and pest monitoring characterization and conventional management strategy of major cultivated crops in tropical savanna climatic region of Srikakulam Andhra Pradesh/links/5f143956a6fdcc3ed7154a7b/A-real-time-surveillance-on-disease-and-pest-monitoring-characterization-and-conventional-management-strategy-of-major-cultivated-crops-in-tropical-savanna-climatic-region-of-Srikakulam-Andhra-Prade.pdf](#)

*Plant disease is defined as a malfunction or dysfunction of plant physiological normal activities with addition of behavioural or morphological changes of normal cell shape and size. ...*

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### **Deep CNN-WCA and FLICM image segmentation for automatic detection and classification of COVID-19 diseases**

S Mishra, DS Rathee, S Satapathy, ... (2020)

PalArch's Journal of ..., archives.palarch.nl, cited by 1 (0.50 per year)

<https://archives.palarch.nl/index.php/jae/article/view/4132>

*... Centurion University of Technology and Management, Odisha, India 4 Dept. of Mech.Engg, Centurion University ... of CSE, Adama Science and Technology University, Adama, Ethiopia 6*

...

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### **Assessment of Energetics of Summer Rice with Irrigation Regimes and Staggered Transplanting in South Odisha**

SK Duvvada, GC Mishra, B Supriya, S Maitra, ... (2020)

Ind. J. Pure App ..., researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Sagar-Maitra/publication/342330679\\_Assessment\\_of\\_Energetics\\_of\\_Summer\\_Rice\\_with\\_Irrigation\\_Regimes\\_and\\_Staggered\\_Transplanting\\_in\\_South\\_Odisha/links/5eedee7f458515814a6edcf3/Assessment-of-Energetics-of-Summer-Rice-with-Irrigation-Regimes-and-Staggered-Transplanting-in-South-Odisha.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/342330679_Assessment_of_Energetics_of_Summer_Rice_with_Irrigation_Regimes_and_Staggered_Transplanting_in_South_Odisha/links/5eedee7f458515814a6edcf3/Assessment-of-Energetics-of-Summer-Rice-with-Irrigation-Regimes-and-Staggered-Transplanting-in-South-Odisha.pdf)

*The experiment was carried out during summer season at Agriculture Research Farm, Bagusala, MS Swaminathan School of Agriculture, Centurion University of Technology and ...*

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### **Use of Clean Energy in On-Farm Livelihood Security**

SS Das, DD Behera, SP Mishra (2021)

Asian Journal of Agricultural ..., researchgate.net, cited by 1 (1.00 per year)

[https://www.researchgate.net/profile/Debashree-Behera/publication/351721733\\_Use\\_of\\_Clean\\_Energy\\_in\\_On-Farm\\_Livelihood\\_Security/links/60d31159299bf19b8d9e2560/Use-of-Clean-Energy-in-On-Farm-Livelihood-Security.pdf](https://www.researchgate.net/profile/Debashree-Behera/publication/351721733_Use_of_Clean_Energy_in_On-Farm_Livelihood_Security/links/60d31159299bf19b8d9e2560/Use-of-Clean-Energy-in-On-Farm-Livelihood-Security.pdf)

*Livelihood security in rural areas can be broadly divided into three categories based on land use as primary criterion. Livelihood such as agricultural production depends on land. All ...*

-----

### **Sensitivity analysis of reference evapotranspiration under different protected cultivation structures**

D Gupta, KN Tiwari, S Debnath (2020)



International Journal of ..., modern-journals.com, cited by 1 (0.50 per year)

<http://www.modern-journals.com/index.php/ijma/article/download/208/156>

*Precise estimation of reference evapotranspiration (ET<sub>o</sub>) plays an important role in crop water requirement studies whereas sensitivity analysis of climatic variables for estimation of ET<sub>o</sub> ...*

-----

**Impact of phosphorus and sulphur on the growth and productivity of green gram (*Vigna radiata*).**

S Sahu, T Shankar, S Maitra, R Adhikary, ... (2021)

Research on ..., search.ebscohost.com, cited by 1 (1.00 per year)

<https://search.ebscohost.com/login.aspx?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=09723226&AN=154468546&h=CanubKnhAiLpG59MlwvwiHuFVazo3HYuDOtnWu1QPJZvRljnjPoQwQ%2FWAys2DgaJdbjDgTMbduZv7Em5l5mfIQ%3D%3D&crl=c>

*... farm of Centurion University of Technology and Management. A split-plot design was considered for the experiment with three replication. The treatments were consisted of four levels of ...*

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**Comparative Analysis of Phytochemical and Antimicrobial Activity of *Butea monosperma* (Lam.) Taub. and *Pongamia pinnata* (L.) Pierre: A**

G Mahalik (2020)

researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/342365222\\_Comparative\\_Analysis\\_of\\_Phytochemical\\_and\\_Antimicrobial\\_Activity\\_of\\_Butea\\_monosperma\\_Lam\\_Taub\\_and\\_Pongamia\\_pinnata\\_L\\_Pierre\\_A\\_Review/links/5ef107dc458515814a756fec/Comparative-Analysis-of-Phytochemical-and-Antimicrobial-Activity-of-Butea-monosperma-Lam-Taub-and-Pongamia-pinnata-L-Pierre-A-Review.pdf](https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/342365222_Comparative_Analysis_of_Phytochemical_and_Antimicrobial_Activity_of_Butea_monosperma_Lam_Taub_and_Pongamia_pinnata_L_Pierre_A_Review/links/5ef107dc458515814a756fec/Comparative-Analysis-of-Phytochemical-and-Antimicrobial-Activity-of-Butea-monosperma-Lam-Taub-and-Pongamia-pinnata-L-Pierre-A-Review.pdf)

*India holds the richest source of biodiversity. The various trees, shrubs, herbs, grasses, ferns, and mosses are the source of medicines since ancient times. According to the World ...*

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**Cluster Node Migration Oriented Holistic Trust Management Protocol for Ubiquitous and Pervasive IoT Network**

A Patnaik, B Mallik, M Vamsi Krishna (2021)

Journal of Information Technology ..., jitm.ut.ac.ir, cited by 1 (1.00 per year)

[https://jitm.ut.ac.ir/article\\_53318\\_7227.htmlhttps://jitm.ut.ac.ir/article\\_80027.html](https://jitm.ut.ac.ir/article_53318_7227.htmlhttps://jitm.ut.ac.ir/article_80027.html)

*Smart applications with interconnected intelligent devices for sharing services arise serious security problems to the stability of this IoT complex and heterogeneous environment. ...*

-----

**Improving of phosphorus use efficiency in acid and alkaline soil: A critical review study**

A Pal, R Adhikary (2020)

Indian Journal of Natural Sciences, researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Rahul-Adhikary/publication/340594676\\_Improving\\_of\\_Phosphorus\\_use\\_Efficiency\\_in\\_Acid\\_Alkaline\\_Soil\\_a\\_Critical\\_Review\\_Study/links/5e936621299bf13079945643/Improving-of-Phosphorus-use-Efficiency-in-Acid-Alkaline-Soil-a-Critical-Review-Study.pdf](https://www.researchgate.net/profile/Rahul-Adhikary/publication/340594676_Improving_of_Phosphorus_use_Efficiency_in_Acid_Alkaline_Soil_a_Critical_Review_Study/links/5e936621299bf13079945643/Improving-of-Phosphorus-use-Efficiency-in-Acid-Alkaline-Soil-a-Critical-Review-Study.pdf)

*Phosphorus is a secondary essential next to nitrogen, is often the most limiting nutrient for crop and forage production. Major role of phosphorus in a plant is to store and transfer energy ...*

-----

**Analysis and High Accuracy Prediction of Coconut Crop Yield Production Based on Principle Component Analysis with Machine learning Models**

SK Nayak (2020)

International Journal of Modern Agriculture, modern-journals.com, cited by 1 (0.50 per year)

<http://modern-journals.com/index.php/ijma/article/download/223/171>

*... 1 Computer Science and Engineering, Centurion University of Technology and Management... Computer Science and Engineering, Centurion University of Technology and Management, ...*

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**In silico analysis of polyvinyl alcohol and silicon oxide compatibility in a blend**

S Pradhan, B Samantaray (2020)

Indian journal of natural sciences, researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Somalika-Pradhan/publication/343039886\\_In\\_silico\\_Analysis\\_of\\_Polyvinyl\\_Alcohol\\_and\\_Silicon\\_Oxide\\_Compatibility\\_in\\_a\\_Blend/links/5f1292f1a6fdcc3ed7120b0b/In-silico-Analysis-of-Polyvinyl-Alcohol-and-Silicon-Oxide-Compatibility-in-a-Blend.pdf](https://www.researchgate.net/profile/Somalika-Pradhan/publication/343039886_In_silico_Analysis_of_Polyvinyl_Alcohol_and_Silicon_Oxide_Compatibility_in_a_Blend/links/5f1292f1a6fdcc3ed7120b0b/In-silico-Analysis-of-Polyvinyl-Alcohol-and-Silicon-Oxide-Compatibility-in-a-Blend.pdf)

*A hydrogel is a material that has been used in a different kind of applications varying from industrial technique to drug delivery. This Hydrogel material will be a soft and valuable ...*

-----

**Analysis of hydrodynamic behaviour of brahmani river using hec-ras**

M Ghadai, DP Satapathy, M Narashimham (2020)

Technology (IJARET), academia.edu, cited by 1 (0.50 per year)

[https://www.academia.edu/download/65235602/IJARET\\_11\\_08\\_048.pdf](https://www.academia.edu/download/65235602/IJARET_11_08_048.pdf)

*River also known as second mother resource of water present in the earth. Although water coming from ground and rain plays a vital role as main source of water but the role of rivers ...*

-----

**Influence of Flexural Strength on Welded Joints under the Effect of Electrode Vibratory Welding Process**

BV Suresh, PS Rao, PG Rao

International Journal of Mechanical and ..., researchgate.net, cited by 1 (0.00 per year)

[https://www.researchgate.net/profile/Srinivasa-P/publication/343989438\\_INFLUENCE\\_OF\\_FLEXURAL\\_STRENGTH\\_ON\\_WELDED\\_JOINTS\\_UNDER\\_THE\\_EFFECT\\_OF\\_ELECTRODE\\_VIBRATORY\\_WELDING\\_PROCESS/links/5f4ceab092851c6cfd0e5c65/INFLUENCE-OF-FLEXURAL-STRENGTH-ON-WELDED-JOINTS-UNDER-THE-EFFECT-OF-ELECTRODE-VIBRATORY-WELDING-PROCESS.pdf](https://www.researchgate.net/profile/Srinivasa-P/publication/343989438_INFLUENCE_OF_FLEXURAL_STRENGTH_ON_WELDED_JOINTS_UNDER_THE_EFFECT_OF_ELECTRODE_VIBRATORY_WELDING_PROCESS/links/5f4ceab092851c6cfd0e5c65/INFLUENCE-OF-FLEXURAL-STRENGTH-ON-WELDED-JOINTS-UNDER-THE-EFFECT-OF-ELECTRODE-VIBRATORY-WELDING-PROCESS.pdf)

LEXURAL-STRENGTH-ON-WELDED-JOINTS-UNDER-THE-EFFECT-OF-ELECTRODE-VIBRATORY-WELDING-PROCESS.pdf

*Vibration techniques play a prominent role in welding process for enhancing the mechanical properties of material from past two decades. In this current work, electrode vibratory setup ...*

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**Emerging threats during anthropocene as urban flooding of Bhubaneswar City, India**

SP Mishra, KC Sethi, M Siddique (2020)

WATER And EnERGY ..., researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Siba-Mishra/publication/341462198\\_emerging\\_threats\\_during\\_anthropocene\\_as\\_urban\\_flooding\\_of\\_bhubaneswar\\_city\\_india/links/5ec2c3ed299bf1c09ac5413f/emerging-threats-during-anthropocene-as-urban-flooding-of-bhubaneswar-city-india.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/341462198_emerging_threats_during_anthropocene_as_urban_flooding_of_bhubaneswar_city_india/links/5ec2c3ed299bf1c09ac5413f/emerging-threats-during-anthropocene-as-urban-flooding-of-bhubaneswar-city-india.pdf)

*Urban flood disasters are one among the cataclysmal episodes of regular events in cities during the Anthropocene epoch in 21st century in India. The natural events, city planning bugs, ...*

-----

**Heavy Metal Accumulation by Plants as a Result of Diwali Fire Craker Emission in Urban Areas of Bhubaneswar, Odisha, India**

G Mahalik

researchgate.net, cited by 1 (0.00 per year)

[https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/344336999\\_Heavy\\_Metal\\_Accumulation\\_by\\_Plants\\_as\\_a\\_Result\\_of\\_Diwali\\_Fire\\_Craker\\_Emission\\_in\\_Urban\\_Areas\\_of\\_Bhubaneswar\\_Odisha\\_India/links/5f69b13492851c14bc8dfddf/Heavy-Metal-Accumulation-by-Plants-as-a-Result-of-Diwali-Fire-Craker-Emission-in-Urban-Areas-of-Bhubaneswar-Odisha-India.pdf](https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/344336999_Heavy_Metal_Accumulation_by_Plants_as_a_Result_of_Diwali_Fire_Craker_Emission_in_Urban_Areas_of_Bhubaneswar_Odisha_India/links/5f69b13492851c14bc8dfddf/Heavy-Metal-Accumulation-by-Plants-as-a-Result-of-Diwali-Fire-Craker-Emission-in-Urban-Areas-of-Bhubaneswar-Odisha-India.pdf)

*Diwali has been one of the largest festivals in Hindu religion which usually fall in the month of October to November every year. At the time of the festival days excessive amount of ...*

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**Nutritional Analysis of Few Edible Microgreens in Variable Growth Medium using XRF Technique**

A Mohanty, G Mahalik, S Parida (2020)

Asian Journal of Biological and ..., researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Sagarika-Parida/publication/348716402\\_Nutritional\\_Analysis\\_of\\_Few\\_Edible\\_Microgreens\\_in\\_Variable\\_Growth\\_Medium\\_using\\_XRF\\_Technique/links/600c7099299bf14088b8cb53/Nutritional-Analysis-of-Few-Edible-Microgreens-in-Variable-Growth-Medium-using-XRF-Technique.pdf](https://www.researchgate.net/profile/Sagarika-Parida/publication/348716402_Nutritional_Analysis_of_Few_Edible_Microgreens_in_Variable_Growth_Medium_using_XRF_Technique/links/600c7099299bf14088b8cb53/Nutritional-Analysis-of-Few-Edible-Microgreens-in-Variable-Growth-Medium-using-XRF-Technique.pdf)

*... XRF technique was carried out at Advanced Testing and Calibration laboratory in Centurion University. Elemental range of the instrument is from oxygen to uranium and software used ...*

-----

**Performance Analysis of EDM Process Varying Tool Material**

RC Mohanty

researchgate.net, cited by 1 (0.00 per year)

[https://www.researchgate.net/profile/Saumya-Mohanty/publication/343818084\\_Performance\\_Analysis\\_of\\_EDM\\_Process\\_Varying\\_Tool\\_Material/links/5f421901a6fdcccc43ee6058/Performance-Analysis-of-EDM-Process-Varying-Tool-Material.pdf](https://www.researchgate.net/profile/Saumya-Mohanty/publication/343818084_Performance_Analysis_of_EDM_Process_Varying_Tool_Material/links/5f421901a6fdcccc43ee6058/Performance-Analysis-of-EDM-Process-Varying-Tool-Material.pdf)

*The present study is carried out to assess the best combination of process parameters which will satisfy multiple objectives like lesser tool wear, greater material removal and lower ...*

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### **A review on sustainable concrete mix proportions**

KN Rajesh, PM Raju, K Mishra, ... (2021)

IOP Conference Series ..., iopscience.iop.org, cited by 1 (1.00 per year)

<https://doi.org/10.1088/1757-899X/1025/1/012019>

*The need for reducing the carbon footprint and effect of hazardous gases, etc., released from the construction sectors and other product manufacturing industries on the environment is ...*

-----

### **Nanotechnology: A novel technique for aquaculture and fisheries development**

C Haldar, S Nath

researchgate.net, cited by 1 (0.00 per year)

[https://www.researchgate.net/profile/Suchismita-Nath/publication/351356703\\_Nanotechnology\\_A\\_novel\\_technique\\_for\\_aquaculture\\_and\\_fisheries\\_development/links/609386fda6fdccaebd0df11a/Nanotechnology-A-novel-technique-for-aquaculture-and-fisheries-development.pdf](https://www.researchgate.net/profile/Suchismita-Nath/publication/351356703_Nanotechnology_A_novel_technique_for_aquaculture_and_fisheries_development/links/609386fda6fdccaebd0df11a/Nanotechnology-A-novel-technique-for-aquaculture-and-fisheries-development.pdf)

*Nanotechnology is a extremely hopeful technology that spans many areas of science and technological applications. Fast advancements in nanotechnologies and nanosciences in ...*

-----

### **Ethno-Medicinal Studies on Plant Resources of Gandhamardan Hill Ranges, Odisha, India**

K Bhatta, P Karmee, KP Das (2020)

Indian J Nat Sci, researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Kalpita-Bhatta/publication/360514318\\_Ethno-Medicinal\\_Studies\\_on\\_Plant\\_Resources\\_of\\_Gandhamardan\\_Hill\\_Ranges\\_Odisha\\_India/links/627b4b5cb1ad9f66c8b3dbc4/Ethno-Medicinal-Studies-on-Plant-Resources-of-Gandhamardan-Hill-Ranges-Odisha-India.pdf](https://www.researchgate.net/profile/Kalpita-Bhatta/publication/360514318_Ethno-Medicinal_Studies_on_Plant_Resources_of_Gandhamardan_Hill_Ranges_Odisha_India/links/627b4b5cb1ad9f66c8b3dbc4/Ethno-Medicinal-Studies-on-Plant-Resources-of-Gandhamardan-Hill-Ranges-Odisha-India.pdf)

*The present paper enumerates an account of 30 plant species traditionally used by the most populous ethnic tribe of Gandhamardan hill range against various diseases and health ...*

-----

### **Crack width evaluation of Reinforced Concrete beam in flexure**

B Dash, PM Raju, K Mishra (2021)

IOP Conference Series: Materials ..., iopscience.iop.org, cited by 1 (1.00 per year)

<https://doi.org/10.1088/1757-899X/1025/1/012001>

*Crack width evaluation of flexural RC member is evaluated analytically by two significant formulas given by researchers and four standard code ie IS 456-2000, BSEN 1992-1-1-2004, ...*

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### **Significance of Utilizing Plant Resource in Maha Shivratri For The Adoration of Lord Shiva, Odisha, India**

U Mandal, M Panda, S Routray, S Parida, G Mahalik  
researchgate.net, cited by 1 (0.00 per year)

[https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/341793800\\_Significance\\_of\\_Utilizing\\_Plant\\_Resource\\_in\\_Maha\\_Shivratri\\_For\\_The\\_Adoration\\_of\\_Lord\\_Shiva\\_Odisha\\_India/links/5ed52116458515294527c029/Significance-of-Utilizing-Plant-Resource-in-Maha-Shivratri-For-The-Adoration-of-Lord-Shiva-Odisha-India.pdf](https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/341793800_Significance_of_Utilizing_Plant_Resource_in_Maha_Shivratri_For_The_Adoration_of_Lord_Shiva_Odisha_India/links/5ed52116458515294527c029/Significance-of-Utilizing-Plant-Resource-in-Maha-Shivratri-For-The-Adoration-of-Lord-Shiva-Odisha-India.pdf)

... Department of Botany, School of Applied Sciences, Centurion University of Technology and  
... of Department of Botany, Centurion university of technology and management, Odisha, India.

...

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### **Genetic Variability and Diversity Analysis for Yield Attributing and Biochemical Parameters of Sorghum (L.) Sorghum bicolor Genotypes**

Y Navya, PK Singh, B Sushma (2021)

Indian Journal of Ecology, researchgate.net, cited by 1 (1.00 per year)

[https://www.researchgate.net/profile/Prabhat-Singh-5/publication/352992366\\_Genetic\\_Variability\\_and\\_Diversity\\_Analysis\\_for\\_Yield\\_Attributing\\_and\\_Biochemical\\_Parameters\\_of\\_Sorghum\\_Sorghum\\_bicolor\\_L\\_Genotypes/links/60e2b081458515d6fbfd54ec/Genetic-Variability-and-Diversity-Analysis-for-Yield-Attributing-and-Biochemical-Parameters-of-Sorghum-Sorghum-bicolor-L-Genotypes.pdf](https://www.researchgate.net/profile/Prabhat-Singh-5/publication/352992366_Genetic_Variability_and_Diversity_Analysis_for_Yield_Attributing_and_Biochemical_Parameters_of_Sorghum_Sorghum_bicolor_L_Genotypes/links/60e2b081458515d6fbfd54ec/Genetic-Variability-and-Diversity-Analysis-for-Yield-Attributing-and-Biochemical-Parameters-of-Sorghum-Sorghum-bicolor-L-Genotypes.pdf)

... Abstract: The experiment was carried out during summer season 2019 at Centurion University of Technology and Management, Odisha, to estimate the genetic variability and diversity ...

-----

### **Folk rice: Genetic storehouse for Biofortification: A review**

D Meher, K Samantara, A Behera, ... (2020)

Int J Chem ..., researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Kajal-Samantara/publication/340645479\\_Folk\\_Rice\\_-\\_Genetic\\_Storehouse\\_for\\_Biofortification\\_A\\_review/links/5e96ac0c4585150839de74b1/Folk-Rice-Genetic-Storehouse-for-Biofortification-A-review.pdf](https://www.researchgate.net/profile/Kajal-Samantara/publication/340645479_Folk_Rice_-_Genetic_Storehouse_for_Biofortification_A_review/links/5e96ac0c4585150839de74b1/Folk-Rice-Genetic-Storehouse-for-Biofortification-A-review.pdf)

Micronutrient malnutrition, commonly known as 'hidden hunger' mainly due to iron, zinc and provitamin A deficiencies, has emerged as one of the major health problems worldwide. ...

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### **Evaluation of mungbean (Vigna radiata (L.) Wilczek hybrids for high seed yield with early maturity**

NMS Rao, GR Lavanya (2020)

IJCS, cited by 1 (0.50 per year)

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### **Ethnobotanical Survey and Antimicrobial Activity of Medicinal Plants Used To Cure**

### **Various Diseases in Kaptipada and Udala Block of Odisha, India: A Review**

G Mahalik

academia.edu, cited by 1 (0.00 per year)

<https://www.academia.edu/download/64645936/IJONS-June%202020-Ethnobotanical%20Survey%20and%20Antimicrobial%20Activity...Kaptipada.pdf>

*This paper presents a review of various plants identified from different botanical surveys and folklore medicinal surveys with antimicrobial properties. In the developing country ...*

-----

### **Predictions on Covid-19 in the Coming Weeks**

DPAS Dayal, DGSN Raju

Mukt Shabd Journal, shabdbooks.com, cited by 1 (0.00 per year)

<http://shabdbooks.com/gallery/18-aug2020.pdf>

*Corona Virus originated in China and spread to entire world. Almost all the countries are effected with heavy rate even in advanced countries. Its increase gradually in some areas and it ...*

...

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### **Nutritional analysis using XRF technique and chlorophyll estimation of two varieties of lettuce**

K Parida, S Parida (2021)

Plant Archives, plantarchives.org, cited by 1 (1.00 per year)

[http://plantarchives.org/article/nutritional-analysis-using-xrf-technique-and-chlorophyll-estimation-of-two-varieties-of-lettuce%20\(2\).pdf](http://plantarchives.org/article/nutritional-analysis-using-xrf-technique-and-chlorophyll-estimation-of-two-varieties-of-lettuce%20(2).pdf)

*... green leaf lettuce and red leaf lettuce were selected from the kitchen garden of Centurion University of Technology and Management, Bhubaneswar, to quantify the chlorophyll and ...*

-----

### **Issues with Indian SMEs: A Sustainability-Oriented Approach for Finding Potential Barriers**

SK Singh, AM Mohanty (2020)

Innovative Product Design and Intelligent ..., Springer, cited by 1 (0.50 per year)

[https://doi.org/10.1007/978-981-15-2696-1\\_15](https://doi.org/10.1007/978-981-15-2696-1_15)

*... Considering the importance of the engineering professionals for building a sustainable industrial ecology, engineering students of Centurion University, Odisha, were interviewed to ...*

-----

### **Micronutrient Foliar Spray on Growth Performance of Green Gram (Vigna radiata L.)**

S Nayak, D Nayak, S Parida (2020)

Asian Journal of Biological and Life ..., researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Sagarika-Parida/publication/344124188\\_Micronutrient\\_Foliar\\_Spray\\_on\\_Growth\\_Performance\\_of\\_Green\\_Gram\\_Vigna\\_radiata\\_L/links/5f53639392851c250b929738/Micronutrient-Foliar-Spray-on-Growth-Performance-of-Green-Gram-Vigna-radiata-L](https://www.researchgate.net/profile/Sagarika-Parida/publication/344124188_Micronutrient_Foliar_Spray_on_Growth_Performance_of_Green_Gram_Vigna_radiata_L/links/5f53639392851c250b929738/Micronutrient-Foliar-Spray-on-Growth-Performance-of-Green-Gram-Vigna-radiata-L)

pdf

... , 2019 to February, 2020 at Centurion University campus, Bhubaneswar. The pot experiments ... Prasanna Kumar Sethi and the gardeners of Centurion University, Bhubaneswar Campus ...

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**Comparative Evaluation of Drying Kinetics of Carrot Slices in Hot air and Microwave Drying**

G Behera, M Madhumita, J Aishwarya, V Gayathri (2021)  
phytopharmajournal.com, cited by 1 (1.00 per year)

[http://www.phytopharmajournal.com/Vol10\\_Issue4\\_05.pdf](http://www.phytopharmajournal.com/Vol10_Issue4_05.pdf)

*Carrot is most the important vegetable grown throughout the World. It is also a very good source of  $\beta$ carotene,  $\alpha$ -carotene and zeaxanthin. The post-harvest losses because of having ...*

-----

**Color Objects Detection in Real-time with Raspberry Pi and Image Processing**

KVK Chakravarthy, MV Krishna (2021)

SAMRIDDHI: A Journal of ..., smsjournals.com, cited by 1 (1.00 per year)

<http://smsjournals.com/index.php/SAMRIDDHI/article/view/2359>

*Color has been broadly utilized continuously in many applications. It offers a few massive focal points over geometric prompts, for example, computational straightforwardness, ...*

-----

**Wild Native Oil Yielding Plants and Their Utilization by the Tribals of Nabarangpur District of Odisha, India**

H Nail, G Mahalik (2020)

Indian Journal of Natural Sciences, cited by 1 (0.50 per year)

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**Effect of CSR Contribution on Financial Performance: A Study on Automobile Companies of India**

U Nayak, PK Patjoshi (2020)

International Journal of Modern ..., modern-journals.com, cited by 1 (0.50 per year)

<http://www.modern-journals.com/index.php/ijma/article/view/302>

*The recent studies carried out by researchers on the effect of CSR on financial performances failed to bring concurrent result. However, strong evidences (theoretical and empirical) are ...*

-----

**An Insight into the Abiotic Stress Responses of Cultivated Beets (Beta vulgaris L.)**

S Yolcu, H Alavilli, P Ganesh, M Asif, M Kumar, K Song (2021)

Plants, mdpi.com, cited by 1 (1.00 per year)

<https://www.mdpi.com/1415948>

*Cultivated beets (sugar beets, fodder beets, leaf beets, and garden beets) belonging to the species Beta vulgaris L. are important sources for many products such as sugar, bioethanol, ...*

-----

### **Impact of CSR on Financial Performance: A Study on Banking Companies in India**

PK Patjoshi, U Nayak (2020)

International Journal of Modern ..., modern-journals.com, cited by 1 (0.50 per year)

<http://www.modern-journals.com/index.php/ijma/article/view/300>

*CSR and financial performance has been studied by researches using different approaches. However, the conclusion remains elusive as there are studies projecting positive ...*

-----

### **Finger millet a boon to food security under changing climatic condition**

S Purohit, JB Palai (2020)

IJCS, researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Subhankar-Purohit/publication/341673011\\_Finger\\_millet\\_a\\_boon\\_to\\_food\\_security\\_under\\_changing\\_climatic\\_condition/links/5ed87e7b92851c9c5e7b9691/Finger-millet-a-boon-to-food-security-under-changing-climatic-condition.pdf](https://www.researchgate.net/profile/Subhankar-Purohit/publication/341673011_Finger_millet_a_boon_to_food_security_under_changing_climatic_condition/links/5ed87e7b92851c9c5e7b9691/Finger-millet-a-boon-to-food-security-under-changing-climatic-condition.pdf)

*Changing climatic condition is the major threat to crop growth and productivity now a days due to different abiotic and biotic stresses. This needs the development in the management ...*

-----

### **Unveiling the urease like intrinsic catalytic activities of two dinuclear nickel complexes towards the in situ syntheses of aminocyanopyridines**

BK Kundu, S Biswas, A Mondal, S Mazumdar, ... (2021)

Dalton ..., pubs.rsc.org, cited by 1 (1.00 per year)

<https://pubs.rsc.org/en/content/articlehtml/2021/dt/d1dt00108f>

*Designing metal complexes as functional models for metalloenzymes remains one of the main targets in synthetic bioinorganic chemistry. Furthermore, the utilization of the product(s) ...*

-----

### **Molecular Interaction of Polymer Dextran in Sodium Hydroxide through Evaluation of Thermo Acoustic Parameters**

S Panda (2020)

INDIAN JOURNAL OF PHARMACEUTICAL ..., ijper.org, cited by 1 (0.50 per year)

[https://ijper.org/sites/default/files/IndJPhaEdRes\\_54\\_3\\_630.pdf](https://ijper.org/sites/default/files/IndJPhaEdRes_54_3_630.pdf)

*Aim: To find out the molecular interaction of solute dextran of different concentration with sodium hydroxide as a solvent. Materials: Dextran of molecular weight 70000 dalton and ...*

-----

### **A Review on Therapeutic Benefits of Active Chemical Moieties Present in Polyalthia longifolia**

HV Hieu, KN Killari, SK Ranajit, S Samanth, ... (2021)

Indian Journal of ..., ijpsonline.com, cited by 1 (1.00 per year)

<https://www.ijpsonline.com/abstract/abstract/a-review-on-therapeutic-benefits-of-active-chemical-moieties-present-in-empolyalthia-longifoliaem-4300.html>



*Polyalthia longifolia* (Annonaceae family) is native to the drier areas of India and is locally called "Ashoka." It is also cultivated in Southeast Asia, Africa, Australia and New Zealand. ...

-----

**Adsorption of methylene blue from aqueous media using graphene oxide Synthesised from bio-soot wastes**

SK Sahoo, AK Purohit, GK Panigrahi, ... (2021)  
Physics and Chemistry ..., Taylor & Francis, cited by 1 (1.00 per year)

<https://doi.org/10.1080/00319104.2020.1858418>

... The authors would like to thank the authorities of Centurion University of Technology and Management, Odisha, India for providing the research facilities and financial assistance to ...

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**A review on Rhizobia and PGPRs interactions in legumes**

S Routray, S Kumari, B Borah, H Shelat, ... (2021)  
J. Pharm ..., thepharmajournal.com, cited by 1 (1.00 per year)

<https://www.thepharmajournal.com/archives/2021/vol10issue7/PartS/10-7-97-475.pdf>

... School of Agriculture, Centurion University of Technology and Management, Odisha, India  
... Microbiology and Biofertilizer project, Anand Agricultural University, Anand, Gujarat, India

...

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**Isolation, Identification and Role of Novel Endosymbiotic Bacterium Rhizobium pusence in Root Nodule of Green Gram cv. OUM-11-15 (Vigna radiata L.) under ...**

R Das, M Pradhan, RK Sahoo, ... (2021)  
Legume Research-An ..., indianjournals.com, cited by 1 (1.00 per year)

<https://www.indianjournals.com/ijor.aspx?target=ijor:lr&volume=44&issue=12&article=018>

In this study, most efficient salinity stress tolerant Rhizobium strain named Rhizobium pusence strain KHDEB5 was identified from root nodules of OUM-11-15 out of fifteen endophytic ...

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**Frontiers in Plant–Soil Interaction: Molecular Insights into Plant Adaptation**

T Aftab, K Hakeem (2021)  
books.google.com, cited by 1 (1.00 per year)

[https://books.google.com/books?hl=en&lr=&id=KjYXEAAAQBAJ&oi=fnd&pg=PP1&dq=centurion+university&ots=66XwAi5oI2&sig=zUAZ99IU2DhvZ5EFWdzgb\\_y8Oc](https://books.google.com/books?hl=en&lr=&id=KjYXEAAAQBAJ&oi=fnd&pg=PP1&dq=centurion+university&ots=66XwAi5oI2&sig=zUAZ99IU2DhvZ5EFWdzgb_y8Oc)

Plants face a wide range of environmental challenges, which are expected to become more intense as a result of global climate change. Plant–soil interactions play an important role in ...

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**Cultivar mixture: old but impactful plant disease management strategy**

G Kumar, MM Rashid, B Teli, R Bajpai, ... (2021)  
... Journal of Economic ..., researchgate.net, cited by 1 (1.00 per year)

[https://www.researchgate.net/profile/Gagan-Kumar-2/publication/353583516\\_Cultivar\\_Mixture\\_Old\\_but\\_Impactful\\_Plant\\_Disease\\_Management\\_Strategy/links/61042953169a1a0103ca5b2b/Cultivar-Mixture-Old-but-Impactful-Plant-Disease-Management-Strategy.pdf](https://www.researchgate.net/profile/Gagan-Kumar-2/publication/353583516_Cultivar_Mixture_Old_but_Impactful_Plant_Disease_Management_Strategy/links/61042953169a1a0103ca5b2b/Cultivar-Mixture-Old-but-Impactful-Plant-Disease-Management-Strategy.pdf)

... of Agricultural Sciences, Banaras Hindu University for granting fellowship and space for research. SN and GK are thankful to Centurion University of Technology and Management for

...

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**Enhancement investigations on dielectric and electrical properties of niobium pentoxide (Nb<sub>2</sub>O<sub>5</sub>) reinforced poly(vinylidene fluoride) (PVDF)- graphene oxide (GO) ...**

S Moharana, RN Mahaling (2021)

Journal of Asian Ceramic Societies, Taylor & Francis, cited by 1 (1.00 per year)

<https://doi.org/10.1080/21870764.2021.1946270>

*An ultra high dielectric constant nanocomposites comprising of poly(vinylidene fluoride) (PVDF) as a polymer matrix and niobium pentoxide (Nb<sub>2</sub>O<sub>5</sub>)-reinforced graphene oxide (GO) ...*

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**Yield and Quality Traits of Field-grown Sugar Beet (Beta vulgaris L.) in Response to Foliar Application of Micronutrients and Different Levels of Manure**

S Heydarzadeh, H Gitari, A Rahimi, HK Khiavi, S Maitra, ... (2021)

IJBS, researchgate.net, cited by 1 (1.00 per year)

[https://www.researchgate.net/profile/Harun-Gitari/publication/359222259\\_Yield\\_and\\_Quality\\_Traits\\_of\\_Field-grown\\_Sugar\\_Beat\\_Beta\\_vulgaris\\_L\\_in\\_Response\\_to\\_Foliar\\_Application\\_of\\_Micronutrients\\_and\\_Different\\_Levels\\_of\\_Manure/links/622f9e74c2d665734f10e581/Yield-and-Quality-Traits-of-Field-grown-Sugar-Beet-Beta-vulgaris-L-in-Response-to-Foliar-Application-of-Micronutrients-and-Different-Levels-of-Manure.pdf](https://www.researchgate.net/profile/Harun-Gitari/publication/359222259_Yield_and_Quality_Traits_of_Field-grown_Sugar_Beat_Beta_vulgaris_L_in_Response_to_Foliar_Application_of_Micronutrients_and_Different_Levels_of_Manure/links/622f9e74c2d665734f10e581/Yield-and-Quality-Traits-of-Field-grown-Sugar-Beet-Beta-vulgaris-L-in-Response-to-Foliar-Application-of-Micronutrients-and-Different-Levels-of-Manure.pdf)

*Sugar beet (Beta vulgaris L.) is an agricultural crop with a high sucrose content in the root. Its specific properties make it an essential crop for the sugar processing industry—the ...*

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**Fruit Spoilage Fungi Associated with Orange and Wood Apple from Different Market Places of Bhubaneswar**

S Parida, R Sinha, G Mahalik (2020)

Sustainable Humanosphere, academia.edu, cited by 1 (0.50 per year)

<https://www.academia.edu/download/64491927/Sustainable%20Humanosphere-2020.pdf>

*This study was carried out to determine various types of fungi associated with four different varieties of oranges and wood apple. Laboratory experiment was carried out on 24 orange ...*

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**electronic structure theory of strained wurtzite ZnO**

P Tripathi, SK Nayak, GS Tripathi (2020)

Physica Scripta, iopscience.iop.org, cited by 1 (0.50 per year)

<https://doi.org/10.1088/1402-4896/abc118>

We study the  $\vec{k} \cdot \vec{\pi}$  electronic structure of strained ZnO in the wurtzite structure (*w-ZnO*), in a four band model, where  $\vec{k}$  is the electronic wave vector and  $\vec{\pi}$  ...

-----  
**MPA-Tuned Fractional Order PID Controller for Frequency Control of Interconnected Smart Grid Power System**

S Padhy, PR Sahu, RK Khadanga, ... (2021)

2021 Innovations in ..., ieeexplore.ieee.org, cited by 1 (1.00 per year)

<https://ieeexplore.ieee.org/abstract/document/9696651/>

*The paper aims at establishing a frequency control strategy with the coordination of fractional order PID (FOPID) controller and electric vehicles (EVs) in interconnected smart grid power ...*

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**Comparative Analysis of Rhizospheric Bacteria Associated with Four Medicinal Plants**

B Jyotirmayee, S Mahapatra, ... (2021)

Asian Journal of Biological ..., researchgate.net, cited by 1 (1.00 per year)

[https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/354866093\\_Comparative\\_Analysis\\_of\\_Rhizospheric\\_Bacteria\\_Associated\\_with\\_Four\\_Medicinal\\_Plants/links/61549a902b34872782012d61/Comparative-Analysis-of-Rhizospheric-Bacteria-Associated-with-Four-Medicinal-Plants.pdf](https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/354866093_Comparative_Analysis_of_Rhizospheric_Bacteria_Associated_with_Four_Medicinal_Plants/links/61549a902b34872782012d61/Comparative-Analysis-of-Rhizospheric-Bacteria-Associated-with-Four-Medicinal-Plants.pdf)

*... The authors are thankful to the Head, Department of Life Science, RD Women's University and Centurion University for providing facilities to carry out this research work. ...*

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**A critical review on hybrid aluminum metal matrix composite**

B Pani, SR Routray, RR Panda, ... (2020)

Journal of Physics ..., iopscience.iop.org, cited by 1 (0.50 per year)

<https://doi.org/10.1088/1742-6596/1706/1/012195>

*The hybrid composites of aluminum metal matrix (AMM) are gaining technocrats attention looking into the ability to meet the demands of industrial and engineering structural ...*

-----  
**Heterosis breeding in Bitter Gourd (*Momordica charantia* L.): a review**

K Mallikarjunarao, M Badu, HRK Bandi, ... (2020)

J. Pharmacogn ..., researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/K-Rao-19/publication/347921084\\_Heterosis\\_breeding\\_in\\_Bitter\\_Gourd\\_Momordica\\_charantia\\_L\\_A\\_review/links/5fe7694292851c13fec43671/Heterosis-breeding-in-Bitter-Gourd-Momordica-charantia-L-A-review.pdf](https://www.researchgate.net/profile/K-Rao-19/publication/347921084_Heterosis_breeding_in_Bitter_Gourd_Momordica_charantia_L_A_review/links/5fe7694292851c13fec43671/Heterosis-breeding-in-Bitter-Gourd-Momordica-charantia-L-A-review.pdf)

*Bitter gourd (syn. Bitter cucumber; *Momordica charantia* L.) is an important Cucurbitaceae vegetable crop. Bitter gourd particularly originated from the Indo Burma region. Bitter gourd ...*

-----  
**Vitamin-C Treated Haematology Assessment of Swiss Albino Mice (*Mus musculus*)**

BP Samantaray, SP Parida (2020)  
biointerfacerearch.com, cited by 1 (0.50 per year)

<https://biointerfacerearch.com/wp-content/uploads/2020/09/20695837112.90449050.pdf>

*Vitamin C is an essential dietary supplement that plays a vital role in battling health conditions. The antioxidant has positive effects on the functioning of the body. The purpose of this ...*

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### **Optimization of linear arrays using modified social group optimization algorithm**

SV Eranki, R GSN (2021)

Journal of Scientific and Industrial Research (JSIR), cited by 1 (1.00 per year)

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### **Yield and quality response of turmeric (*Curcuma longa*) under drip irrigation and plastic mulch.**

S DT, D Mandal, KN Tiwari (2021)

Research on Crops, researchgate.net, cited by 1 (1.00 per year)

[https://www.researchgate.net/profile/Debashis-Mandal-4/publication/357322971\\_Yield\\_and\\_quality\\_response\\_of\\_turmeric\\_Curcuma\\_longa\\_under\\_drip\\_irrigation\\_and\\_plastic\\_mulch/links/61c6bf9bda5d105e55f66ca4/Yield-and-quality-response-of-turmeric-Curcuma-longa-under-drip-irrigation-and-plastic-mulch.pdf](https://www.researchgate.net/profile/Debashis-Mandal-4/publication/357322971_Yield_and_quality_response_of_turmeric_Curcuma_longa_under_drip_irrigation_and_plastic_mulch/links/61c6bf9bda5d105e55f66ca4/Yield-and-quality-response-of-turmeric-Curcuma-longa-under-drip-irrigation-and-plastic-mulch.pdf)

*Turmeric is an important spice crop and popularly cultivated for high economic return due its multifaceted use in culinary, pharmaceutical and cosmetic industries. Drip irrigation with ...*

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### **Agromart promotes agribusiness in India**

A Sharma, S Monlai, C Manpoong, ... (2020)

Biotica Research ..., bioticainternational.com, cited by 1 (0.50 per year)

<https://www.bioticainternational.com/ojs/index.php/biorestoday/article/view/169>

*Agromart is agricultural marketing domain supplying agricultural commodity to the world. The working principles of Agromart are to provide the raw materials which are linked with ...*

-----

### **An Overview of *Acacia catechu***

S Rout, G Sahoo, UN Mishra, A Sheera, ... (2021)

Biotica Research ..., biospub.com, cited by 1 (1.00 per year)

<https://www.biospub.com/index.php/biorestoday/article/view/1058>

*Acacia catechu is commonly known as Khair or Kachu, which is widely used due to its medicinal properties in Asia and many other parts. The tree grows up to 15 meters tall and bark is ...*

-----

### **Scalar Dark Matter and Radiative Dirac neutrino mass in an extended model**

S Mishra, N Narendra, PK Panda, N Sahoo (2021)

arXiv preprint arXiv ..., arxiv.org, cited by 1 (1.00 per year)

<https://arxiv.org/abs/2112.12569>

*We explore a gauged  $U(1)_{BL}$  extension of standard model with inclusion of three right-handed neutrinos of exotic  $BL$  charges to cancel the gauge anomaly. Non-trivial ...*

-----

### **Design and Modeling of Solar Operated Grass Cutting Machine**

DD Behera

Journal of Xi'an Shiyou University ISSN No, xisdjxsu.asia, cited by 1 (0.00 per year)

<https://www.xisdjxsu.asia/bafd2c41f4ca5e49d93c830e8ba8bed0.pdf>

*The objective of this research is to design and modeling a solar powered Grass cutting machine. Generally by using diesel operated Grass cutting machine, there was lot of environment ...*

-----

### **Percentage abundance of castor pollinators under Haryana condition**

SB Nayak, Y Kumar, S Yadav, ... (2020)

International Journal of ..., researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Sankar-Kavadana/publication/348661895\\_Percentage\\_abundance\\_of\\_castor\\_pollinators\\_under\\_Haryana\\_condition/links/6009b888299bf14088b1859d/Percentage-abundance-of-castor-pollinators-under-Haryana-condition.pdf](https://www.researchgate.net/profile/Sankar-Kavadana/publication/348661895_Percentage_abundance_of_castor_pollinators_under_Haryana_condition/links/6009b888299bf14088b1859d/Percentage-abundance-of-castor-pollinators-under-Haryana-condition.pdf)

*An experiment was conducted at farm area of CCS Haryana Agricultural University, Hisar, Under Haryana condition in order to find out the % abundance of different insect pollinators of ...*

...

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### **The promising role of oleanolic acid in the management of diabetes mellitus: A review**

S Dash, G Pattnaik, N Sahoo, B Kar (2021)

Journal of Applied ..., japsonline.com, cited by 1 (1.00 per year)

[https://japsonline.com/admin/php/uploads/3412\\_pdf.pdf](https://japsonline.com/admin/php/uploads/3412_pdf.pdf)

*... All the authors are thankful to Centurion University of Management and Technology, Bhubaneswar and Siksha O Anusandhan Deemed to be University, Bhubaneswar for providing ...*

...

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### **Studies on biology, seed production & rearing of Cyprinus carpio robrofuscus (Koi carp)**

G Sahoo, MK Sinha, Y Nayak (2020)

fisheriesjournal.com, cited by 1 (0.50 per year)

<https://www.fisheriesjournal.com/archives/2020/vol8issue3/PartH/8-3-53-253.pdf>

*... Further we are thankful to the Dean, Centurion University of Technology and Management, Bhubaneswar for assigning the research work for which the study could be conducted. ...*

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### **Multi-Area Dynamic Economic Dispatch by Simulated Annealing**

JK Pattanaik, SK Mohapatra, NK Ray, ... (2020)

... Intelligence for Smart ..., ieeexplore.ieee.org, cited by 1 (0.50 per year)

<https://ieeexplore.ieee.org/abstract/document/9212212/>

*The Multi Area Dynamic Economic Dispatch (MADED) regulate the optimal output in a dynamically changed load demand within a multi area system by considering all the system ...*

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**The relation of workplace spirituality with employee creativity among Indian software professionals: mediating role of psychological empowerment**

T Bantha, U Nayak (2021)

South Asian Journal of Business Studies, emerald.com, cited by 1 (1.00 per year)

<https://doi.org/10.1108/SAJBS-08-2020-0270>

*Purpose This paper aims to examine the relationship between workplace spirituality and employee creativity and check the mediating role of psychological empowerment on this ...*

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**Investigation of Mechanical and physical properties of Nickel-Resin composite**

S Nayak, A Mallick, S Mishra, N Medimi, ... (2020)

Test Eng ..., researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Sujit-Mishra/publication/342832052\\_Investigation\\_of\\_Mechanical\\_and\\_physical\\_properties\\_of\\_Nickel\\_-Resin\\_composite/links/5f07fab492851c52d6269486/Investigation-of-Mechanical-and-physical-properties-of-Nickel-Resin-composite.pdf](https://www.researchgate.net/profile/Sujit-Mishra/publication/342832052_Investigation_of_Mechanical_and_physical_properties_of_Nickel_-Resin_composite/links/5f07fab492851c52d6269486/Investigation-of-Mechanical-and-physical-properties-of-Nickel-Resin-composite.pdf)

*This research work is focused on the Nickel particle reinforced resin based particulate composite. Composite samples are prepared with various volume percentage of filler content ...*

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**Ashwagandha: The Miracle Ginseng**

D Moharana, V Bahadur, S Rout, AK Prusty, R Kumar (2020)

foodandscientificreports.com, cited by 1 (0.50 per year)

[https://foodandscientificreports.com/assets/uploads/issues/1602071693ashwagandha\\_the\\_miracle\\_ginseng\\_compressed.pdf](https://foodandscientificreports.com/assets/uploads/issues/1602071693ashwagandha_the_miracle_ginseng_compressed.pdf)

*Withania somnifera (L.) Dunal is a plant of the Solanaceae family which is commonly known as Ashwagandha Indian ginseng, poison gooseberry and winter cherry. It is one of the ...*

-----

**Cost of Cultivation and Income Analysis of Hybrid Maize Cultivation in Nabarangpur District of Odisha**

A Satapathy, AK Prusty, DS Rout, PR Tarania, S Rout, ...

researchgate.net, cited by 1 (0.00 per year)

[https://www.researchgate.net/profile/Sandeep-Rout-2/publication/350037438\\_Cost\\_of\\_Cultivation\\_and\\_Income\\_Analysis\\_of\\_Hybrid\\_Maize\\_Cultivation\\_in\\_Nabarangpur\\_District\\_of\\_Odisha/links/604c6d19a6fdcccfee7a52a3/Cost-of-Cultivation-and-Income-Analysis-of-Hybrid-Maize-Cultivation-in-Nabarangpur-District-of-Odisha.pdf](https://www.researchgate.net/profile/Sandeep-Rout-2/publication/350037438_Cost_of_Cultivation_and_Income_Analysis_of_Hybrid_Maize_Cultivation_in_Nabarangpur_District_of_Odisha/links/604c6d19a6fdcccfee7a52a3/Cost-of-Cultivation-and-Income-Analysis-of-Hybrid-Maize-Cultivation-in-Nabarangpur-District-of-Odisha.pdf)

*Maize is the most important and widely distributed cereal in the world after Wheat and Rice.*

*Globally, maize is known as queen of cereals because of its highest genetic yield potential ...*

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### **Data science and big data analytics**

AC Ojha, SK Pani (2020)

Big Data Analytics and Computing for Digital ..., books.google.com, cited by 1 (0.50 per year)

<https://books.google.com/books?hl=en&lr=&id=omXXDwAAQBAJ&oi=fnd&pg=PA129&dq=centurion+university&ots=65BShZzRUw&sig=9V9cWDy9bzP5EXvRQslNe-rnR0I>

*Data Science and Big Data Analytics* ■ 131 world. Mobile technology unfolded the usage of the Internet to a much greater reach. People find a new way to communicate using the social ...

-----

### **A Study On Mechanical And Durability Properties Of Interlocking Fly Ash Based Concrete Paver Block Using Different Types Chopped Fibers.**

G Maharana, B Jena, S Panda

Odisha, India, xajzkjdx.cn, cited by 1 (0.00 per year)

<https://xajzkjdx.cn/gallery/93-may2020.pdf>

*In these days concrete paver block turned in to a component of towns and urban areas. It is to be locating in residential, commercial and industrial areas like as shopping malls, parking ...*

-----

### **The Failed Resilience, Grim Water Future, and Salinity Intrusion through GIS of Kendrapara Coast, Odisha**

SR Panda, SP Mishra, JK Tripathy, ... (2021)

International Journal of ..., ripublication.com, cited by 1 (1.00 per year)

[https://www.ripublication.com/ijlr21/ijlrv14n2\\_03.pdf](https://www.ripublication.com/ijlr21/ijlrv14n2_03.pdf)

*Salinity intrusion to groundwater has turned it brackish, and has polluted the coastal aquifers. It is common in coastal tracks. The ground water of Kendrapara district of Odisha, India has ...*

-----

### **A review on privacy preservation techniques in surveillance and health care data publication**

PK Vadrevu, SK Adusumalli, ... (2021)

Int. J. Eng. Res ..., researchgate.net, cited by 1 (1.00 per year)

[https://www.researchgate.net/profile/Pavan-Vadrevu/publication/348894378\\_A\\_Review\\_on\\_Privacy\\_Preservation\\_Techniques\\_in\\_Surveillance\\_and\\_Health\\_Care\\_Data\\_Publication/links/6067d70ea6fdccad3f698ba0/A-Review-on-Privacy-Preservation-Techniques-in-Surveillance-and-Health-Care-Data-Publication.pdf](https://www.researchgate.net/profile/Pavan-Vadrevu/publication/348894378_A_Review_on_Privacy_Preservation_Techniques_in_Surveillance_and_Health_Care_Data_Publication/links/6067d70ea6fdccad3f698ba0/A-Review-on-Privacy-Preservation-Techniques-in-Surveillance-and-Health-Care-Data-Publication.pdf)

*This manuscript focuses on the state-of-art related to privacy preserving data publication. Usually, data is classified into Relational data, Transactional data, Set-value data, Trajectory ...*

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### **ENTREPRENEURIAL SKILLS AND COMPETENCIES IN THE 21 ST CENTURY FOR BUSINESS GROWTH–A REVIEW**

KP Pattanayak, C Padhy  
researchgate.net, cited by 1 (0.00 per year)

[https://www.researchgate.net/profile/Kalee-Pattanayak/publication/358020989\\_ENTREPRENEURIAL\\_SKILLS\\_AND\\_COMPETENCIES\\_IN\\_THE\\_21\\_ST\\_CENTURY\\_FOR\\_BUSINESS\\_GROWTH\\_-\\_A\\_REVIEW/links/61eba20e5779d35951c58364/ENTREPRENEURIAL-SKILLS-AND-COMPETENCIES-IN-THE-21-ST-CENTURY-FOR-BUSINESS-GROWTH-A-REVIEW.pdf](https://www.researchgate.net/profile/Kalee-Pattanayak/publication/358020989_ENTREPRENEURIAL_SKILLS_AND_COMPETENCIES_IN_THE_21_ST_CENTURY_FOR_BUSINESS_GROWTH_-_A_REVIEW/links/61eba20e5779d35951c58364/ENTREPRENEURIAL-SKILLS-AND-COMPETENCIES-IN-THE-21-ST-CENTURY-FOR-BUSINESS-GROWTH-A-REVIEW.pdf)

*We observe companies opening and closing on a regular basis. It seems that no sector or industry is immune to it. This has negative repercussions on people as they become ...*

-----

### **Removal of Dyes Using Various Organic Peel-based Materials: A Systematic Review**

JK Sahoo, A Hota, AK Khuntia, S Sahu, SK Sahoo, ... (2021)  
scholar.archive.org, cited by 1 (1.00 per year)

<https://scholar.archive.org/work/4ltwimgwoncurmmzdthwr6sucy/access/wayback/http://nanobiol.eters.com/wp-content/uploads/2021/09/22846808113.37143727.pdf>

*This review recapitulates the recent adsorption study literature regarding the activated biochar and nanocomposites of agricultural peel-based bio-adsorbents for the removal of dyes ...*

-----

### **Random Forest Model for Intrusion Detection in Crowd-Sourced Reviews**

P Pillala, PK Bhansali, MAE Reddy, ... (2020)  
... Conference on Smart ..., ieeexplore.ieee.org, cited by 1 (0.50 per year)

<https://ieeexplore.ieee.org/abstract/document/9215423/>

*Online reviews will always leverage an incredible effect on the present business and trade. Dynamic acquisition of online items occupies the most part that relies upon reviews given by ...*

-----

### **Neuroprotective Role of Curcumin against Benzo [a] pyrene-Induced Neurodegeneration in Zebrafish**

L Satpathy, S Parida (2021)  
Biointerface Res. Appl. Chem, biointerfaceresearch.com, cited by 1 (1.00 per year)

<https://biointerfaceresearch.com/wp-content/uploads/2021/11/20695837126.73117320.pdf>

*Curcuma longa L. has been shown to exhibit neuroprotection in the brain. Curcuma longa L. has been used for its neuroprotective effect in humans of neurological disorders. The ...*

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### **A Review on Ethnobotanical Survey of Medicinal Plants used against Urinary Tract Infections**

G Mahalik (2020)  
academia.edu, cited by 1 (0.50 per year)

<https://www.academia.edu/download/64645805/28.%20IJONS-2020.pdf>

*Urinary tract disease (UTI) is one of the most serious general medical issues influencing both*



*genders however females are increasingly susceptible because of the distinctions in ...*

-----

**Quantitative determination of vitamin C concentration of common edible food sources by redox titration using iodine solution**

L Satpathy, N Pradhan, D Dash, ... (2021)

Lett. Appl ..., nanobioletters.com, cited by 1 (1.00 per year)

<https://nanobioletters.com/wp-content/uploads/2021/01/22846808103.23612369.pdf>

*Vitamin C is isolated in 1928 and associated with hemorrhagic disease scurvy. Vitamin C is crucial for the development and maintenance of connective tissues in humans. It plays an ...*

-----

**Influence of Drip Irrigation and Plastic Mulch on Young Cashew (Anacardium occidentale L.)**

DT Santosh, KN Tiwari, S Maitra (2021)

International Journal of ..., researchgate.net, cited by 1 (1.00 per year)

[https://www.researchgate.net/profile/Dt-Santosh/publication/359579611\\_Influence\\_of\\_Drip\\_Irrigation\\_and\\_Plastic\\_Mulch\\_on\\_Young\\_Cashew\\_Anacardium\\_occidentale\\_L/links/62443fd48068956f3c59fcec/Influence-of-Drip-Irrigation-and-Plastic-Mulch-on-Young-Cashew-Anacardium-occidentale-L.pdf](https://www.researchgate.net/profile/Dt-Santosh/publication/359579611_Influence_of_Drip_Irrigation_and_Plastic_Mulch_on_Young_Cashew_Anacardium_occidentale_L/links/62443fd48068956f3c59fcec/Influence-of-Drip-Irrigation-and-Plastic-Mulch-on-Young-Cashew-Anacardium-occidentale-L.pdf)

*A field trial was conducted on the lateritic sandy loam soils of Kharagpur, West Bengal, India, during 2017-2020 to assess the efficacy of different drip irrigation levels with and without ...*

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**Multi Objective Task Scheduling Algorithm in Cloud Computing Using the Hybridization of Particle Swarm Optimization and Cuckoo Search**

S Mangalampalli, VK Mangalampalli, ... (2020)

... of Computational and ..., ingentaconnect.com, cited by 1 (0.50 per year)

<https://www.ingentaconnect.com/contentone/asp/jctn/2020/00000017/00000012/art00020>

*Rapid growth has been occurred in the IT industry with the emergence of Cloud computing in terms of the resources provisioned to the users in a seamless and flexible way. Task ...*

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**Modeling and simulation application for greenhouse microclimatic studies and structural analysis**

D Gupta, DT Santosh, S Debnath (2020)

Protected Cultivation and ..., researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Subhankar-Debnath-2/publication/346718307\\_Modeling\\_and\\_Simulation\\_Application\\_for\\_Greenhouse\\_Microclimatic\\_Studies\\_and\\_Structural\\_Analysis/links/5fcf8850a6fdcc697bed2bc6/Modeling-and-Simulation-Application-for-Greenhouse-Microclimatic-Studies-and-Structural-Analysis.pdf](https://www.researchgate.net/profile/Subhankar-Debnath-2/publication/346718307_Modeling_and_Simulation_Application_for_Greenhouse_Microclimatic_Studies_and_Structural_Analysis/links/5fcf8850a6fdcc697bed2bc6/Modeling-and-Simulation-Application-for-Greenhouse-Microclimatic-Studies-and-Structural-Analysis.pdf)

*Microclimate of greenhouse plays a vital role in better plant growth and production. The microclimate dynamics inside the greenhouse, shade net house depends upon the surrounding ...*

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### **Ethnomedicinal plants used in rheumatoid arthritis**

U Mandal, G Mahalik (2021)

Medico-Bio wealth of India, researchgate.net, cited by 1 (1.00 per year)

[https://www.researchgate.net/profile/Sanjeet-Kumar-16/publication/352165742\\_Medico-Biowealth\\_of\\_India\\_Vol\\_II/links/60bc566b92851cb13d7ed007/Medico-Biowealth-of-India-Vol-II.pdf#page=146](https://www.researchgate.net/profile/Sanjeet-Kumar-16/publication/352165742_Medico-Biowealth_of_India_Vol_II/links/60bc566b92851cb13d7ed007/Medico-Biowealth-of-India-Vol-II.pdf#page=146)

*Ethnomedicine is a term that is frequently used interchangeably with folk medicines. Rheumatoid arthritis is a long-term autoimmune condition that affects more than one's joints. The ...*

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### **Floristic inventory of leafy vegetables with special reference to their ethnomedicinal uses in Balasore district of Odisha, India**

N Noor, KB Satapathy (2021)

The Journal of Indian Botanical Society, indianjournals.com, cited by 1 (1.00 per year)

<https://www.indianjournals.com/ijor.aspx?target=ijor:jibs&volume=101&issue=1and2&article=015>

*Nature has gifted indigenous leafy vegetables with innate nutritional and therapeutic potential for curing various ailments. The indigenous leafy vegetables play a crucial role in ...*

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### **Influence of nutrient management on the growth, yield and nutrient uptake of wheat (*Triticum aestivum*. L) in Lateritic Belt of West Bengal**

S Mohanta, M Banerjee, T Shankar (2020)

International Journal of ..., researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Tanmoy-Shankar/publication/342658728\\_Influence\\_of\\_Nutrient\\_Management\\_on\\_the\\_Growth\\_Yield\\_and\\_Nutrient\\_Uptake\\_of\\_Wheat\\_Triticum\\_aestivum\\_L\\_in\\_Lateritic\\_Belt\\_of\\_West\\_Bengal/links/5eff113ea6fdcc4ca4477098/Influence-of-Nutrient-Management-on-the-Growth-Yield-and-Nutrient-Uptake-of-Wheat-Triticum-aestivum-L-in-Lateritic-Belt-of-West-Bengal.pdf](https://www.researchgate.net/profile/Tanmoy-Shankar/publication/342658728_Influence_of_Nutrient_Management_on_the_Growth_Yield_and_Nutrient_Uptake_of_Wheat_Triticum_aestivum_L_in_Lateritic_Belt_of_West_Bengal/links/5eff113ea6fdcc4ca4477098/Influence-of-Nutrient-Management-on-the-Growth-Yield-and-Nutrient-Uptake-of-Wheat-Triticum-aestivum-L-in-Lateritic-Belt-of-West-Bengal.pdf)

*Among the food grains, wheat is the leading cereal crop of the world. It is cultivated in 227 million ha producing 682 million tonnes with a productivity of 30.0 q/ha. In India, it is the ...*

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### **Effects of climate change on pest and pesticide use**

L Dash, D Padhy, V Ramalakshmi, ... (2020)

International Journal of ..., researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Lipsa-Dash-2/publication/347934751\\_Effects\\_of\\_climate\\_change\\_on\\_pest\\_and\\_pesticide\\_use/links/5fe8783745851553a0f64b1e/Effects-of-climate-change-on-pest-and-pesticide-use.pdf](https://www.researchgate.net/profile/Lipsa-Dash-2/publication/347934751_Effects_of_climate_change_on_pest_and_pesticide_use/links/5fe8783745851553a0f64b1e/Effects-of-climate-change-on-pest-and-pesticide-use.pdf)

*Climate change is the term used to describe a gradual increase in the average temperature of the Earth's atmosphere and its oceans, a change that is believed to be changing the Earth'...*

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### **Effective Talent Management Practices: A**

V Karumuri, G Kore (2021)

Eprajournals. Com, no. June, eprajournals.com, cited by 1 (1.00 per year)

[https://www.eprajournals.com/jpanel/upload/152am\\_6.EPRA%20JOURNALS%207297.pdf](https://www.eprajournals.com/jpanel/upload/152am_6.EPRA%20JOURNALS%207297.pdf)

*Human Resources are considered to be the crucial resource of all resources available for the organizations. Talent management is most important area of Human Resource ...*

-----

### **Role of Biochar in Sustainable Agriculture**

JB Palai (2020)

AGRO ECONOMIST, researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/T-Neelima/publication/350176344\\_Yield\\_Gap\\_Analysis\\_of\\_Rice\\_Under\\_Priyadarshini\\_Jurala\\_Command\\_Area\\_Using\\_RS\\_and\\_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=81](https://www.researchgate.net/profile/T-Neelima/publication/350176344_Yield_Gap_Analysis_of_Rice_Under_Priyadarshini_Jurala_Command_Area_Using_RS_and_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=81)

*Biochar concept is as old as the slash and burn method of agriculture. Biochar is prepared from different types of waste material or by-products by following pyrolysis process in ...*

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### **Establishing Process Capability Indices in a Sugar Manufacturing Industry-an Industrial Engineering Perspective.**

G Sharma, PS Rao, BS Babu (2021)

Jordan Journal of Mechanical & ..., jjmie.hu.edu.jo, cited by 1 (1.00 per year)

[http://jjmie.hu.edu.jo/vol-15-4/01-jjmie\\_8\\_21.pdf](http://jjmie.hu.edu.jo/vol-15-4/01-jjmie_8_21.pdf)

*Quality of the product is a very important factor to any organization on which the future of the company depends. There are many tools available to check and control the quality of the ...*

-----

### **Land suitability evaluation for crops in Warangal district of Telangana under Raghunathapally division**

E Narsaiah, GB Raj, TR Prakash, ... (2020)

Journal of ..., phytojournal.com, cited by 1 (0.50 per year)

<https://www.phytojournal.com/archives/2020/vol9issue4/PartM/9-3-303-134.pdf>

*Seven typical Pedon's from central and eastern parts of Warangal district, Telangana State were evaluated for their suitability to major crops Viz, rice, maize, cotton, chilly and red gram. ...*

-----

### **Gravitational Search Algorithm for Optimal Tuning of controller parameters in AVR system**

NK Ray, SK Mohapatra, SS Dash (2020)

... International Conference on ..., ieeexplore.ieee.org, cited by 1 (0.50 per year)

<https://ieeexplore.ieee.org/abstract/document/9212197/>

*In the present article our objective is to find an optimal value of the PID controller parameter*

*applicable to Automatic Voltage Regulator (AVR). This is done with the help of an intelligent ...*

-----

### **Grapes Leaf Disease Detection Using Convolutional Neural Network**

G Ghosh, S Chakravarty (2020)

International Journal of Modern ..., modern-journals.com, cited by 1 (0.50 per year)

<http://www.modern-journals.com/index.php/ijma/article/view/310>

*Grapes production is the most vital grown Fruit crop in India. Due to leaf diseases the productivity is decreased by various types of diseases on fruit. It is mainly caused by fungi, bacteria ...*

-----

### **Studies on the medico-botany of plants used in Hawan in Jaipur District of Odisha**

PK Mishra, KB Satapathy, G Jena, A Mohapatra (2020)

Plant Arch, plantarchives.org, cited by 1 (0.50 per year)

[http://www.plantarchives.org/20-1/2581-2586%20\(5967\).pdf](http://www.plantarchives.org/20-1/2581-2586%20(5967).pdf)

*A Medico-Botanical exploration was carried out to document and investigate on the plants used in Hawan (Homa) in different temples and family and festive rituals associated with God ...*

-----

### **Effects of Stress among Shrimp Post-Larvae stocked at High Stocking Density in Nursery Culture System: A Review**

S Nath, C Haldar (2020)

Int. J. Curr. Microbiol. App. Sci, researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Suchismita-Nath/publication/342584792\\_Effects\\_of\\_Stress\\_among\\_Shrimp\\_Post-Larvae\\_stocked\\_at\\_High\\_Stocking\\_Density\\_in\\_Nursery\\_Culture\\_System\\_A\\_Review/links/60938127a6fdccaebd0dedf0/Effects-of-Stress-among-Shrimp-Post-Larvae-stocked-at-High-Stocking-Density-in-Nursery-Culture-System-A-Review.pdf](https://www.researchgate.net/profile/Suchismita-Nath/publication/342584792_Effects_of_Stress_among_Shrimp_Post-Larvae_stocked_at_High_Stocking_Density_in_Nursery_Culture_System_A_Review/links/60938127a6fdccaebd0dedf0/Effects-of-Stress-among-Shrimp-Post-Larvae-stocked-at-High-Stocking-Density-in-Nursery-Culture-System-A-Review.pdf)

*Commercial shrimp farming has gained momentum especially in the Asian countries where there are vast brackish and marine water resources enabling easy cultivation of shrimps for ...*

-----

### **Expression of plant $\alpha$ -amylase inhibitor ( $\alpha$ AI) genes revealing bruchid resistance in legume crops**

MS Kumar, P Jogeswar (2020)

Res J Biotechnol, cited by 1 (0.50 per year)

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### **Effect of Merger and acquisition on Financial Performance: Empirical Evidence from India**

DP Satapathy, S Mishra (2020)

PalArch's Journal of Archaeology of ..., archives.palarch.nl, cited by 1 (0.50 per year)

<https://www.archives.palarch.nl/index.php/jae/article/view/4129>

*The paper tries to explore is there any relationship between mergers and acquisitions and the*

*financial performance of acquiring companies by using the accounting-based measure. ...*

-----

### **A Review on Synthesis of Silver Nanoparticles and their Biomedical Applications**

BS Panda (2021)

nanobioletters.com, cited by 1 (1.00 per year)

<https://nanobioletters.com/wp-content/uploads/2021/06/22846808111.32183231.pdf>

*The silver (Ag) metal is considered a very useful metal for treating consume wound diseases, open wounds, and cuts, respectively. Nowadays, nanotechnology has created a surprising ...*

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### **Effect of Integrated Nutrient Management on Growth, Yield, Nutrient Content and Economics of Summer Rice (Oryza sativa L.)**

MS Ram, T Shankar, S Maitra, ... (2020)

Ind. J. Pure App. Biosci, researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Sagar-Maitra/publication/342570837\\_Effect\\_of\\_Integrated\\_Nutrient\\_Management\\_on\\_Growth\\_Yield\\_Nutrient\\_Content\\_and\\_Economics\\_of\\_Summer\\_Rice\\_Oryza\\_sativa\\_L/links/5efb7543a6fdcc4ca43df7bb/Effect-of-Integrated-Nutrient-Management-on-Growth-Yield-Nutrient-Content-and-Economics-of-Summer-Rice-Oryza-sativa-L.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/342570837_Effect_of_Integrated_Nutrient_Management_on_Growth_Yield_Nutrient_Content_and_Economics_of_Summer_Rice_Oryza_sativa_L/links/5efb7543a6fdcc4ca43df7bb/Effect-of-Integrated-Nutrient-Management-on-Growth-Yield-Nutrient-Content-and-Economics-of-Summer-Rice-Oryza-sativa-L.pdf)

*A field trial was performed during summer season of 2019 at MS Swaminathan School of Agriculture, Paralakhemundi, Odisha. The experiment was laid out in randomized block design ...*

...

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### **Confronting and Coping with Resilient Environment by Fishermen Community of Penthakata, Puri during Fani**

ES Panda, SP Mishra (2020)

Adalya Journal, researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Siba-Mishra/publication/338630723\\_Confronting\\_and\\_Coping\\_with\\_Resilient\\_Environment\\_by\\_Fishermen\\_Community\\_of\\_Penthakata\\_Puri\\_during\\_Fani/links/5e206bd492851cafc38a722e/Confronting-and-Coping-with-Resilient-Environment-by-Fishermen-Community-of-Penthakata-Puri-during-Fani.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/338630723_Confronting_and_Coping_with_Resilient_Environment_by_Fishermen_Community_of_Penthakata_Puri_during_Fani/links/5e206bd492851cafc38a722e/Confronting-and-Coping-with-Resilient-Environment-by-Fishermen-Community-of-Penthakata-Puri-during-Fani.pdf)

*This paper explores the challenges and opportunities for confirming and coping of the nomadic but now settled as domicile, the fishermen Telugu community at Penthakata, Puri Town ...*

-----

### **Experimental Investigation on Solar Box Type cooking Device for Sustainable Development of Rural Area**

DD Behera (2020)

Journal of Xidian University, researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Debashree-Behera/publication/342393151\\_Experimental\\_Investigation\\_on\\_Solar\\_Box\\_Type\\_cooking\\_Device\\_for\\_Sustainable\\_Development\\_of\\_Rural\\_Area/links/5ef22014299bf1c5c8dbb6c5/Experimental-Investigation-on-Solar-Box-Type-cooking-Device-for-Sustainable-Development-of-Rural-Area.pdf](https://www.researchgate.net/profile/Debashree-Behera/publication/342393151_Experimental_Investigation_on_Solar_Box_Type_cooking_Device_for_Sustainable_Development_of_Rural_Area/links/5ef22014299bf1c5c8dbb6c5/Experimental-Investigation-on-Solar-Box-Type-cooking-Device-for-Sustainable-Development-of-Rural-Area.pdf)

*Generally in Rural area, people cook foods by using conventional methods such as Chulha which produces lots of smoke. This results respiratory problem. The present research ...*

-----

### **Modeling and Evaluation of AquaCrop for Maize (zea mays L.) under Full and Deficit Irrigation in Semi-Arid Tropics.**

M Roja, KS Kumar, V Ramulu, ... (2021)

Indian Journal of ..., arccarticles.s3.amazonaws.com, cited by 1 (1.00 per year)

<http://arccarticles.s3.amazonaws.com/arcc/Attachment-at-accept-article-A-5520.pdf>

*FAO AquaCrop is a simulation model that predicts the effects of soil, climate, water and crop growth on water productivity, yield and its attributes of various crops. In the present study, ...*

-----

### **In-vitro Screening of Antibacterial Activities of Selected Wild Tuberos Plants of Odisha, India**

J Swain, S Kumar, S Parida, PK Jena (2020)

Asian Journal of Biological and ..., ajbls.com, cited by 1 (0.50 per year)

[https://www.ajbls.com/sites/default/files/AsianJBiolLifeSci-9-1-79\\_0.pdf](https://www.ajbls.com/sites/default/files/AsianJBiolLifeSci-9-1-79_0.pdf)

*Tuberos plants are the resources of many useful bioactive compounds. It suggests that they may probably protect the humans against microbial pathogens. Keeping this in view, an ...*

-----

### **Role of Polyamines on Post-Harvest Fruit Quality and Storability**

DV Vaka, K Pavani, B Nirujogi, ... (2020)

Int. J. Curr. Microbiol. App ..., researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/Vinaya-Kumar-Reddy-P/publication/343296801\\_Role\\_of\\_Polyamines\\_on\\_Post-Harvest\\_Fruit\\_Quality\\_and\\_Storability/links/6118ecc71e95fe241ad22d33/Role-of-Polyamines-on-Post-Harvest-Fruit-Quality-and-Storability.pdf](https://www.researchgate.net/profile/Vinaya-Kumar-Reddy-P/publication/343296801_Role_of_Polyamines_on_Post-Harvest_Fruit_Quality_and_Storability/links/6118ecc71e95fe241ad22d33/Role-of-Polyamines-on-Post-Harvest-Fruit-Quality-and-Storability.pdf)

*Polyamines (PAs) are small aliphatic amines that are ubiquitous in all plant cells. Polyamines interact with negatively charged macromolecules such as DNA, RNA, proteins, and ...*

-----

### **A Novel Alumina-Magnesium oxide-Reduced Graphene Composite: Synthesis and Characterizations**

B Bihari Palei, T Dash, S Kumar Biswal, ... (2020)

... Journal of Innovative ..., ingentaconnect.com, cited by 1 (0.50 per year)

<https://www.ingentaconnect.com/content/smart/ijiiip/2020/00000001/00000003/art00005>

*A novel new alumina-magnesium oxide with reinforced of reduced graphene oxide (RGO) composite materials have been synthesized by using a horizontal high energy planetary ball ...*

-----

### **Bovine Mastitis: Pathogenesis and Susceptibility**

A Hota, K Jambagi, S Swain (2020)

AGRO ECONOMIST, researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/T-Neelima/publication/350176344\\_Yield\\_Gap\\_Analysis\\_of\\_Rice\\_Under\\_Priyadarshini\\_Jurala\\_Command\\_Area\\_Using\\_RS\\_and\\_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=115](https://www.researchgate.net/profile/T-Neelima/publication/350176344_Yield_Gap_Analysis_of_Rice_Under_Priyadarshini_Jurala_Command_Area_Using_RS_and_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=115)

*Manifestation of inflammation of mammary gland is termed as 'mastitis'. In spite of the rigorous steps taken to control mastitis across the world, it still remains an unconquered mountain. ...*

-----

### **Estimation of Crop Water Requirement of Groundnut Crop Using FAO CROPWAT 8.0 Model**

M Roja, N Navatha, MD Reddy, C Deepthi (2020)  
AGRO ECONOMIST, researchgate.net, cited by 1 (0.50 per year)

[https://www.researchgate.net/profile/T-Neelima/publication/350176344\\_Yield\\_Gap\\_Analysis\\_of\\_Rice\\_Under\\_Priyadarshini\\_Jurala\\_Command\\_Area\\_Using\\_RS\\_and\\_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=43](https://www.researchgate.net/profile/T-Neelima/publication/350176344_Yield_Gap_Analysis_of_Rice_Under_Priyadarshini_Jurala_Command_Area_Using_RS_and_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=43)

*Groundnut is one the major crop grown under sandy loam soils of north coastal districts of Andhra Pradesh, India. Hence a study was carried out to determine the crop water ...*

-----

### **Cultivation of Gerbera in Polyhouse**

S Maitra, T Shankar, JB Palai, M Sairam, A Pal, ...  
researchgate.net, cited by 1 (0.00 per year)

[https://www.researchgate.net/profile/Sagar-Maitra/publication/346784203\\_Cultivation\\_of\\_Gerbera\\_in\\_Polyhouse/links/5fd09eac299bf188d4041f2e/Cultivation-of-Gerbera-in-Polyhouse.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/346784203_Cultivation_of_Gerbera_in_Polyhouse/links/5fd09eac299bf188d4041f2e/Cultivation-of-Gerbera-in-Polyhouse.pdf)

*Protected cultivation of high-value cut flower is catching up in India. Among different cut flowers grown under protected cultivation, gerbera (*Gerbera jamesonii*) is important because of ...*

-----

### **The Triple Helix: A Case Study of Centurion University of Technology and Management**

AKE Onjewu, A Sukumar, KVD Prakash, ... (2021)  
... the Educational and ..., emerald.com

<https://doi.org/10.1108/S2040-724620210000011013>

*... the triple helix configuration of Centurion University of Technology and Management (CUTM... The study uses case files and web available material to consider the nature of the university' ...*

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### **Potential medicinal plants of centurion university of technology and management, Bhubaneswar and their medicinal uses**

S Dash, PM Behera, U Mandal, R Nayak, ... (2021)  
Journal of Medicinal ..., academia.edu

[https://www.academia.edu/download/67849846/53\\_JMPS.pdf](https://www.academia.edu/download/67849846/53_JMPS.pdf)

*Medicinal plants have long been important in the evolution of human society. Herbal medicines have always been at the forefront of practically all cultures or civilizations as a traditional ...*

-----

**Wastewater Treatment Plant and Its Implementation Strategy-A Case Study of Centurion University of Technology and Management**

PK Panda, S Panda (2021)

Abstracts of International Conferences & ..., journals.krispon.com

<http://www.journals.krispon.com/index.php/aicm/article/view/53>

*... The present study carried out a dynamic approach constructing a wastewater treatment plant in Centurion University of Technology and Management (CUTM), Paralakhemundi campus, ...*

-----

**An Overview on Fungal Nail Disease Jagannath Panda<sup>1</sup>, Chinmaya Parida<sup>2</sup> School of Pharmacy and Life Sciences, Centurion University of Technology and ...**

J Panda

researchgate.net

[https://www.researchgate.net/profile/Jagannath-Panda-7/publication/352372951\\_An\\_Overview\\_on\\_Fungal\\_Nail\\_Disease/links/60f5165a0859317dbdf1b0a3/An-Overview-on-Fungal-Nail-Disease.pdf](https://www.researchgate.net/profile/Jagannath-Panda-7/publication/352372951_An_Overview_on_Fungal_Nail_Disease/links/60f5165a0859317dbdf1b0a3/An-Overview-on-Fungal-Nail-Disease.pdf)

*When fungus infects the nails, it can make the illness appear communicable or linked to poor cleanliness. In fact, a fungus infection of the nails affects up to 10% of all individuals in ...*

-----

**Current scenario of antibiotic-resistance in Indian aquaculture**

A Roy, A Biswas, SK Ghosh, H Kim, S Swain (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue7S/PartH/S-10-6-139-939.pdf>

*Antimicrobial or antibiotic resistance (AMR) as we all know is the ability of a pathogen to survive exposure to an antimicrobial agent that was previously an effective treatment. The AMR*

...

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**Response of cowpea (*Vigna unguiculata* L.) genotypes to four phosphorus levels in Gajapati district of Southern Odisha**

Y Sudharani, PP Mohapatra, N Mounica, ... (2020)

Journal of ..., researchgate.net

[https://www.researchgate.net/profile/Sagar-Maitra/publication/341297164\\_Response\\_of\\_cowpea\\_Vigna\\_unguiculata\\_L\\_genotypes\\_to\\_four\\_phosphorus\\_levels\\_in\\_Gajapati\\_district\\_of\\_Southern\\_Odisha/links/5eb996864585152169c81fac/Response-of-cowpea-Vigna-unguiculata-L-genotypes-to-four-phosphorus-levels-in-Gajapati-district-of-Southern-Odisha.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/341297164_Response_of_cowpea_Vigna_unguiculata_L_genotypes_to_four_phosphorus_levels_in_Gajapati_district_of_Southern_Odisha/links/5eb996864585152169c81fac/Response-of-cowpea-Vigna-unguiculata-L-genotypes-to-four-phosphorus-levels-in-Gajapati-district-of-Southern-Odisha.pdf)

*... Centurion University of Technology and Management, Paralakhemundi, Gajapati, Odisha. The treatments were laid using Factorial Randomized Block Design and replicated thrice with ...*



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### **Application of chitosan and chitosan derivatives: A**

SS Hauzoukim, SK Ghosh, A Roy (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue7S/PartC/S-10-6-137-850.pdf>

*Chitosan is a chitin-derived biopolymer, one of the most abundant and renewable materials on earth. Chitin is a primary component of fungal cell walls, arthropod exoskeletons such as ...*

-----

### **Application of seaweeds and functional properties**

SS Hauzoukim, A Roy, SK Ghosh (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue8S/PartF/S-10-7-183-112.pdf>

*Seaweed has been eaten throughout Asia since the dawn of time. Marine algae have been used as raw materials in the production of numerous seaweed food products in Japan, such ...*

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### **Mean performance study of ridge gourd (*Luffa acutangula* (L.)) Genotypes based on some quantitative and qualitative characters**

D Triveni, PP Mohapatra, K Pramanik, ... (2020)

Journal of ..., researchgate.net

[https://www.researchgate.net/profile/Kartik-Pramanik/publication/343362843\\_Mean\\_performance\\_study\\_of\\_ridge\\_gourd\\_Luffa\\_acutangula\\_L\\_Genotypes\\_based\\_on\\_some\\_quantitative\\_and\\_qualitative\\_characters/links/5f254c6592851cd302cea97a/Mean-performance-study-of-ridge-gourd-Luffa-acutangula-L-Genotypes-based-on-some-quantitative-and-qualitative-characters.pdf](https://www.researchgate.net/profile/Kartik-Pramanik/publication/343362843_Mean_performance_study_of_ridge_gourd_Luffa_acutangula_L_Genotypes_based_on_some_quantitative_and_qualitative_characters/links/5f254c6592851cd302cea97a/Mean-performance-study-of-ridge-gourd-Luffa-acutangula-L-Genotypes-based-on-some-quantitative-and-qualitative-characters.pdf)

*... Research work was carried out in Centurion University of Technology and Management, student research farm located at Bagusala, Gajapathi district, Odisha with twenty different ...*

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### **Doubling the guava farming based farmer's income through enhancing productivity using Hi-tech practices**

V Thriveni, A Mishra, A Roy, M Viswanath (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue8S/PartF/S-10-6-123-558.pdf>

*The Enhancement farmers income is formulated by bridging the productivity gaps, employing latest production technologies, advanced cropping technologies and improved marketing ...*

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### **Application of probiotics in aquaculture**

S Swain, SKG Hauzoukim, SK Das, A Roy (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue7S/PartC/S-10-6-136-245.pdf>

*Aquaculture is one of the world's fastest-growing sectors, with Asia accounting for about 90% of worldwide output. However, disease outbreaks in many countries in the Asia-Pacific ...*

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**Reversible selective embedding for DICOM image security and integrity using visual cryptography**

BK Paikaray, D Swain, ... (2021)

International Journal of ..., inderscienceonline.com

<https://doi.org/10.1504/IJESDF.2021.117306>

*Information security has been one of the biggest challenges in the era of telemedicine applications. To protect the patient's private records in medical images, several traditional ...*

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**PHYTOMOLECULES OF *Bacopa monnieri* DISPLAY POSITIVE AFFINITY FOR STEROL 14-ALPHA-DEMETHYLASE OF *Trichophyton* sp: POSSIBLE PREVENTIVE**

...

S DAS, B DAS, GK PANIGRAHI, M PANDEY, ... (2020)

UTTAR PRADESH ..., mbimph.com

<http://www.mbimph.com/index.php/UPJOZ/article/view/1602>

*Trichophyton sp causes Tineacapitis. Strikingly, Tineacapitis occurs primarily during specific molecular events, thus acting as a potential clinical biomarker. Further, Tineacapitis may ...*

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**Micro propagation in Banana: A review**

V Thriveni, M Viswanath, A Roy (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue8/PartN/10-6-224-631.pdf>

*A number of biotechnological tools have been developed which could help breeders to evolve new plant types to meet the demand of the food industry in the next century. Available ...*

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**In silico ANALYSIS OF EFFECT OF PHYTOCHEMICALS FROM *Paprika oleoresin* (*Capsicum annum* L.) AGAINST DIAMINOPIMELATE DEHYDROGENASE OF ...**

N BEHERA, AK SAHOO, GK PANIGRAHI, ... (2020)

PLANT CELL ..., ikppress.org

<https://www.ikppress.org/index.php/PCBMB/article/view/5246>

*Clostridium tetani causes tetanus. Strikingly, tetanus rises primarily during specific molecular events, thus acting as a potential clinical biomarker. Further, tetanus may also activate ...*

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**Virus indexing in Banana: A review**

M Viswanath, A Roy, KA Prajwala, SP Nanda, ... (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue6/PartR/10-6-53-109.pdf>

*Virus infections are a major biotic limitation for banana (*Musa spp.*) production because they reduce output and restrict international germplasm movement. The banana bunchy top ...*

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**Beta vulgaris (BEETROOT) DERIVED PHYTOCHEMICALS AGAINST SPHONGOMYELIN PHOSPHODIESTERASE OF *Leptospira interrogans* CAUSING JAUNDICE**

SR BEHERA, UK NAYAK, SK SAHU, ... (2020)

PLANT CELL ..., ikppress.org

<https://www.ikppress.org/index.php/PCBMB/article/view/5148>

*Phytochemicals from Beet root plant extract can cure Jaundice. It is caused by *Leptospira interrogans*. Molecular docking method applied using "Biovia Discovery Studio". "High positive ...*

...

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**BEET ROOT (*Beta vulgaris*) DERIVED PHYTOCHEMICALS AGAINST TRIACYLGLYCEROL LIPASE OF HEPATITIS A VIRUS CAUSING HEPATITIS**

SR BEHERA, UK NAYAK, SK SAHU, ... (2020)

PLANT CELL ..., ikppress.org

<https://www.ikppress.org/index.php/PCBMB/article/view/5143>

*Phytochemicals from Beet root plant extract can cure Hepatitis. It is caused by Hepatitis A virus. Molecular docking method applied using "Biovia Discovery Studio". "High positive values ...*

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**Morphological and biochemical traits in chickpea resistance against *Helicoverpa armigera* Hubner (Lepidoptera: Noctuidae)**

MK Yadav, L Das, V Ramalakshmi, NR Sunil, ... (2021)

ENTOMON, entomon.in

<http://www.entomon.in/index.php/Entomon/article/view/646>

*... Department of Agricultural Entomology, MS Swaminathan School of Agriculture, Centurion University of Technology and Management, Paralakhemundi 761200, Odisha, India ...*

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***Moringa oleifera* DERIVED PHYTOCHEMICALS AGAINST MALARIA: AN In silico ANALYSIS**

SS DARSHINI, SS BEHERA, B SWAIN, ... (2020)

PLANT CELL ..., ikppress.org

<https://www.ikppress.org/index.php/PCBMB/article/view/5170>

*Phytochemicals are plant derived biomolecules which are believed to protect cells from damage. It has been reported that *Moringa oleifera* L. (Moringaceae) is an economically important ...*

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**Fault Detection and Troubleshooting in a PV Grid-Tied Inverter**

BB Pani, NC Giri, SR Nayak, ... (2021)

Indian Journal ..., sciresol.s3.us-east-2.amazonaws ...

<https://sciresol.s3.us-east-2.amazonaws.com/IJST/Articles/2021/Issue-22/IJST-2021-661.pdf>

*Objectives: Present work envisages fault detection along with troubleshooting methodologies confirmed in solar photovoltaic workshop for grid-tied threephase inverters. Only ...*

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**Insect fauna associated with sesamum (Sesamum indicum L.) in Gajapati district of Odisha**

D Padhy, L Dash, V Ramalaxmi, AK Sahu, ... (2020)

Journal of ..., phytojournal.com

<https://www.phytojournal.com/archives/2020/vol9issue3/PartI/9-2-456-912.pdf>

*... , Centurion University of Technology and Management, Paralakhemundi, Odisha. Along-with this above studies, additional investigation was also made to record the association of ...*

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**Consumptive water footprints and water use efficiency of two potato cultivars under different planting dates with different irrigation frequencies**

A Biswas, S Chatterjee, M Viswanath, A Roy, S Roy (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue6/PartL/10-6-104-161.pdf>

*With global total output of 368 M metric tonnes per year, potato is one of the major crops feeding the global population and is the most important ration composition in India. It also ...*

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**Effect of different plant growth regulators on mass propagation of banana cv. Kovvur Bontha (ABB) through macropropagation**

M Viswanath, CN Mangalore, A Roy, SC and SP Nanda (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue6/PartJ/10-6-86-595.pdf>

*Kovvur Bontha (ABB) is a plantain variety and a sport with heavier bunches of bigger sized and superior quality fruits. Larger stout with green thick rind having whitish pulp, less ...*

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**PEEL OF Citrus reticulata DERIVED PHYTOCHEMICALS AGAINST GLYCERALDEHYDES-3-PHOSPHATE OF ENTAMOEBIA HISTOLYTICA**

B PATTANAIK, B MISHRA, ... (2020)

PLANT CELL ..., archives.biciconference.co.in

<https://archives.biciconference.co.in/index.php/PCBMB/article/view/5169>

*The phytochemicals or secondary metabolites from extract of Citrus reticulata may cure dysentery, primarily which is caused by Entamoeba histolytica. To restrict the activity of ...*

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**Varietal evaluation of ash gourd [*Benincasa hispida* (THUNB) Cogn.] in Gajapathi district**

S Poornima, K Mallikarjunarao, S Dalai, ... (2021)

... of Pharmacognosy and ..., phytojournal.com

<https://www.phytojournal.com/archives/2021/vol10issue1/PartC/9-6-386-695.pdf>

*The present investigation 15 genotypes of ash gourd for evaluating their performance different traits. The analysis of variance revealed that mean sum of squares due to genotypes were ...*

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**Salvia rosmarinus DERIVED PHYTOCHEMICALS AGAINST Bordetella pertussis CAUSING COUGH**

S SWAIN, E BARIK, JK NAYAK, ... (2020)

PLANT CELL ..., ikppress.org

<https://www.ikppress.org/index.php/PCBMB/article/view/5141>

*Phytochemicals from Salvia rosmarinus plant extract can cure cough. It is caused by Bordetella pertussis. Molecular docking method applied using "Biovia Discovery Studio". "High ...*

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**Use of carotenoid supplementation for enhancement of pigmentation in ornamental fishes**

S Swain, APA Hauzoukim, B Mohanty (2020)

entomoljournal.com

<https://www.entomoljournal.com/archives/2020/vol8issue6/PartI/8-3-428-660.pdf>

*Ornamental fish culture in the glass tank or aquarium is a very common practice around the globe mainly due to their cheerful and lively color. Pigmentation is one of the most significant ...*

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**A novel EN-TLBO-SVR model for analysing achievements of government schemes**

S Mohanty, S Padhy, ... (2020)

..., an International Journal, inderscienceonline.com

<https://doi.org/10.1504/EG.2020.108494>

*... He obtained his PhD in CSE from Centurion University of Technology and Management (CUTM), Odisha, where he was also working as an Associate Professor till 2018. Currently, he is ...*

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**PREVENTION OF Porphyromonas gingivalis CAUSING GUM DISEASE BY Salvia rosmarinus**

E BARIK, JK NAYAK, S SWAIN, M PANDEY, ... (2020)

UTTAR PRADESH ..., mbimph.com

<http://mbimph.com/index.php/UPJOZ/article/view/1559>

*Porphyromonas gingivalis is known as the causal organism of gum disease. One of the key enzymes involved in its biochemical pathway is gingipain R. The Biovia Discovery Studio is ...*

-----

**In silico ANALYSIS OF PHYTOCHEMICALS FROM *Coriandrum sativum* AGAINST Cyclopropane-Fatty-Acyl-Phospholipid SYNTHASE OF *Lactobacillus casei***

G RANA, S PANDA, ... (2020)

PLANT CELL ..., archives.biciconference.co.in

<https://archives.biciconference.co.in/index.php/PCBMB/article/view/4995>

*Phytochemicals are non-nutritive compounds obtained from plants. It has been reported that *Coriandrum sativum* plant extract is used to cure tooth cavity. The plant extract contains ...*

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***Celastrus paniculatus* DERIVED PHYTOCHEMICALS AGAINST SKIN DISEASE**

B TRIPATHY, S RAY, JK NAYAK, ... (2020)

PLANT CELL ..., archives.biciconference.co.in

<https://archives.biciconference.co.in/index.php/PCBMB/article/view/5139>

*Phytochemicals from that *Celastrus paniculatus* plant extract can be used to cure skin diseases. It is caused by *Staphylococcus aureus*. "Molecular docking method" of the ...*

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**In silico ANALYSIS OF PHYTOCHEMICALS FROM NEEM LEAVES AGAINST SHIKIMATE DEHYDROGENASE OF *Mycobacterium tuberculosis* CAUSING ...**

S DAS, SS MISHRA, T SWAIN, I MISHRA, ... (2020)

PLANT CELL ..., ikppress.org

<https://www.ikppress.org/index.php/PCBMB/article/view/4994>

*This analysis aims at evaluating the effects of neem (*Azadirachta indica*) leaves extract on tuberculosis. Tuberculosis is caused by *Mycobacterium tuberculosis*. Tuberculosis is a ...*

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**... Panda<sup>1</sup>, Mr. Biswajit Samantaray<sup>2</sup>, Prof.(Dr.) Gurudutta Pattnaik<sup>3</sup> School of Pharmacy and Life Sciences, Centurion University of Technology and ...**

MJ Panda

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***Murraya koenigii* DERIVED PHYTOCHEMICALS AGAINST ECZEMA**

D MOHANTA, A MISHRA, D HOTA, S JHA, ... (2020)

PLANT CELL ..., ikppress.org

<https://www.ikppress.org/index.php/PCBMB/article/view/5146>

*Phytochemicals from *Murraya koenigii* plant extract can cure the disease Eczema. Bacteria that causing Eczema is *Staphylococcus aureus*. Molecular docking method applied using "...*

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**EFFICACY OF PHYTOCHEMICALS FROM GUAVA (*Psidium guajava*) LEAF AGAINST *HELICOBACTER PYLORI* CAUSING ULCER: AN In silico ANALYSIS**

B NAYAK, L MISHRA, PK PUSTY, ... (2020)

PLANT CELL ..., ikppress.org

<https://www.ikppress.org/index.php/PCBMB/article/view/5138>

*Phytochemicals from Psidium guajava plant extract can cure Ulcer. It is caused by Helicobacter pylori. This objective of the study is to identify the phytochemical of Psidium guajava ...*

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**KEWDA (Pandanus odorifer) FLOWER DERIVED PHYTOCHEMICALS AGAINST SHIKIMATE DEHYDROGENASE OF Staphylococcus aureus CAUSING BOILS**

N PATRA, P PRADHAN, ... (2020)

PLANT CELL ..., archives.biciconference.co.in

<https://archives.biciconference.co.in/index.php/PCBMB/article/view/5149>

*Phytochemicals from Pandanus odorifer plant extract can cure Boils. It is caused by Staphylococcus aureus. Molecular docking method applied using “Biovia Discovery Studio”. “High ...*

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**PHYTOMOLECULES OF Commiphora wightii DISPLAY POSITIVE AFFINITY FOR DEHYDROGENASE OF Commiphora wightii: POSSIBLE PREVENTIVE AND ...**

P JENA, S PASAYAT, GK PANIGRAHI, ... (2020)

UTTAR PRADESH ..., mbimph.com

<http://mbimph.com/index.php/UPJOZ/article/view/1603>

*Skin disease is caused by Staphylococcus sp. One of the key enzymes involved in its biochemical pathway is dehydrogenase Plant extract of Commiphora wightii can be effectively ...*

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**Pavonia odorata DERIVED PHYTOCHEMICALS AGAINST DERMATOPHYTOSIS**

JK NAYAK, SK SAHU, E BARIK, ... (2020)

PLANT CELL ..., archives.biciconference.co.in

<https://archives.biciconference.co.in/index.php/PCBMB/article/view/5171>

*Bioactive substance or Phytochemicals from Pavonia odorata plant extract can cure dermatophytosis. It is caused by Trichophyton rubrum. Molecular docking method applied using “ ...*

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**KEWDA FLOWER DERIVED PHYTOCHEMICALS AGAINST Helicobacter pylori CAUSING ULCER**

P PRADHAN, N PATRA, JK NAYAK, S JAL, ... (2020)

PLANT CELL ..., ikppress.org

<https://www.ikppress.org/index.php/PCBMB/article/view/5140>

*Phytochemicals from Kewda flower (Pandanus odorifer) extract is traditionally employed for curing ulcer. The ulcer is caused by Helicobacter pylori. Biovia Discovery Studio was used to ...*

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**Pollen carrying capacity of Apis cerana indica F. in Gajapati District of Odisha**

D Padhy, V Ramalakshmi, L Dash, S Bala (2021)  
thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue6S/PartC/S-10-6-8-160.pdf>

... The research investigations were conducted in Apiary Unit situated at MS Swaminathan School of Agriculture, Centurion University of Technology and Management, Odisha. To ...

-----

### **Flame Temperature Prediction Using Machine Learning Model**

G Agrawal, R Mishra, A Ransingh, ... (2020)  
2020 IEEE India ..., ieeexplore.ieee.org

<https://ieeexplore.ieee.org/abstract/document/9344525/>

... of Computer Science & Engineering Centurion University of Technology and Management ...  
of Computer Science & Engineering Centurion University of Technology and Management ...

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### **PREVENTION OF Staphylococcus aureus CAUSING SKIN DISEASE BY Polianthes tuberosa**

S PRUSTY, K ROUT, C NAIK, M PANDEY, ... (2020)  
UTTAR PRADESH ..., mbimph.com

<http://mbimph.com/index.php/UPJOZ/article/view/1561>

Phytochemicals are biologically active non-nutritive compounds found in the plants. It has been reported that Polianthes tuberosa plant extract contains different phytochemicals that are ...

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### **Nigella sativa DERIVED PHYTOCHEMICALS AGAINST SHIKIMATE DEHYDROGENASE OF Staphylococcus aureus CAUSING ECZEMA**

D SAHOO, M NAYAK, SS MISHRA, ... (2020)  
PLANT CELL ..., ikppress.org

<https://www.ikppress.org/index.php/PCBMB/article/view/5144>

Phytochemicals from Nigella sativa plant extract can cure Eczema. It is caused by Staphylococcus aureus. Molecular docking method applied using "Biovia Discovery Studio". "High ...

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### **Performance Testing of Hybrid Type Solar Dryer by using Multiple Regression Technique**

DD Behera  
researchgate.net

[https://www.researchgate.net/profile/Nimay-Giri/publication/354831350\\_Performance\\_Testing\\_of\\_Hybrid\\_Type\\_Solar\\_Dryer\\_by\\_using\\_Multiple\\_Regression\\_Technique/links/614eb718d2ebb7a7be7473d38/Performance-Testing-of-Hybrid-Type-Solar-Dryer-by-using-Multiple-Regression-Technique.pdf](https://www.researchgate.net/profile/Nimay-Giri/publication/354831350_Performance_Testing_of_Hybrid_Type_Solar_Dryer_by_using_Multiple_Regression_Technique/links/614eb718d2ebb7a7be7473d38/Performance-Testing-of-Hybrid-Type-Solar-Dryer-by-using-Multiple-Regression-Technique.pdf)

The present paper represents the experimental investigation on performance testing of Hybrid type of solar dryer for drying food products in a hygienic way. The food products such as ...



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**In silico ANALYSIS OF EFFECT OF PHYTOCHEMICALS FROM *Pavonia odorata* AGAINST *Epidermophyton floccosum* CAUSING ATHLETES FOOT DISEASE**

S RAY, SK SAHU, JK NAYAK, N BEHERA, ... (2020)

UTTAR PRADESH ..., mbimph.com

<http://www.mbimph.com/index.php/UPJOZ/article/view/1613>

*Epidermophyton floccosum* causes athletes foot disease. Strikingly, athlete's foot disease rises primarily during specific molecular events, thus acting as a potential clinical biomarker. ...

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**Convolutional Neural Network Based Smart Door Lock System**

R Mishra, A Ransingh, MK Behera, ... (2020)

2020 IEEE India ..., ieeexplore.ieee.org

<https://ieeexplore.ieee.org/abstract/document/9344558/>

... of Computer Science & Engineering Centurion University of Technology and Management ...  
of Computer Science & Engineering Centurion University of Technology and Management ...

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**PREVENTION OF *Treponema denticola* CAUSING GUM DISEASE BY QUERCETIN OF GINGER**

S DAS, M KHATEI, S BISHOI, M PANDEY, ... (2020)

UTTAR PRADESH ..., mbimph.com

<http://www.mbimph.com/index.php/UPJOZ/article/view/1566>

*Gum disease is caused by *Treponema denticola*. Thymidylate Synthase is one of its major enzymes of that pathogen. Ginger extract is known to cure gum disease. The plant extract ...*

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**PREVENTION OF *Staphylococcus aureus* CAUSING ECZEMA BY *Glycyrrhiza glabra***

SS PALEI, KD SWAIN, D DAS, M PANDEY, ... (2020)

UTTAR PRADESH ..., mbimph.com

<http://mbimph.com/index.php/UPJOZ/article/view/1558>

*Glycyrrhiza glabra* is one of the therapeutic plants that show the adequacy for the disorder. Thus, the present study is an attempt to check the efficacy of *G. glabra* in the prevention and ...

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**PHYTOMEDICINAL EFFECT OF *Nardostachys jatamansi* AGAINST DERMATITIS CAUSING *Staphylococcus aureus*: AN In silico ANALYSIS**

S GOUDA, P JENA, S DAS, M PANDEY, ... (2020)

UTTAR PRADESH ..., mbimph.com

<http://mbimph.com/index.php/UPJOZ/article/view/1564>

*Dermatitis is caused by *Staphylococcus aureus*. Alcohol dehydrogenase is one of its major enzymes. *Nardostachys jatamansi* is known to cure of dermatitis. The plant extract contains ...*

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**In-silico ANALYSIS OF PHYTOCHEMICALS FROM *Linum usitatissimum* AGAINST *Staphylococcus aureus* CAUSING ECZEMA**

A ROUTRAY, PP SETHI, RP SAMAL, ... (2020)  
UTTAR PRADESH ..., mbimph.com

<http://mbimph.com/index.php/UPJOZ/article/view/1556>

*Eczema is caused by "Staphylococcus aureus". Aspartate semialdehyde "dehydrogenase" is one of its major enzyme. Linum usitatissimum is known to cure eczema. The plant extract ...*

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**PREVENTION OF *Haemophilus influenza* CAUSING BRONCHITIS BY *Curcuma amada***

A MANGALDEEP, AA NAYAK, B SHAOO, ... (2020)  
UTTAR PRADESH ..., mbimph.com

<http://mbimph.com/index.php/UPJOZ/article/view/1562>

*Bronchitis is caused by *Haemophilus influenza*. Shikimate dehydrogenase is one of its major enzyme. *Curcuma amada* plant is known to cure of bronchitis. The plant extract contains ...*

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**Estimation of yield losses and bioefficacy of some novel insecticides against leaf hopper, *Amrasca devastans* in transgenic cotton**

V Ramalakshmi, L Dash, D Padhy (2020)  
Journal of Pharmacognosy ..., phytojournal.com

<https://www.phytojournal.com/archives/2020/vol9issue1/PartAE/9-1-412-619.pdf>

*Estimation of yield losses and Field efficacy of novel insecticides against leafhoppers on transgenic cotton were assessed during kharif 2011. Estimation of yield losses due to, ...*

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**Screening of bitter gourd genotypes against infestation of fruit fly (*Bactrocera Cucurbitae* Coquillett.)**

K Mallikarjunarao, B Tripathy, S Dalai (2020)  
IJCS, researchgate.net

[https://www.researchgate.net/profile/K-Rao-19/publication/347923152\\_Screening\\_of\\_bitter\\_gourd\\_genotypes\\_against\\_infestation\\_of\\_fruit\\_fly\\_Bactrocera\\_Cucurbitae\\_Coquillett/links/5fe76cb7a6fdccdc8074bb1/Screening-of-bitter-gourd-genotypes-against-infestation-of-fruit-fly-Bactrocera-Cucurbitae-Coquillett.pdf](https://www.researchgate.net/profile/K-Rao-19/publication/347923152_Screening_of_bitter_gourd_genotypes_against_infestation_of_fruit_fly_Bactrocera_Cucurbitae_Coquillett/links/5fe76cb7a6fdccdc8074bb1/Screening-of-bitter-gourd-genotypes-against-infestation-of-fruit-fly-Bactrocera-Cucurbitae-Coquillett.pdf)

*An experiment was conducted during Kharif season 2014 at the Department of Vegetable Science, College of Agriculture, OUAT, Bhubaneswar, to work out the varietal resistance of ...*

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**Bio-efficacy of different insecticides on chilli fruit borer and their natural enemies**

L Dash, D Padhy, VR Lakshmi (2020)  
researchgate.net

[https://www.researchgate.net/profile/Lipsa-Dash-2/publication/347934820\\_Bio-efficacy\\_of\\_diff  
erent\\_insecticides\\_on\\_chilli\\_fruit\\_borer\\_and\\_their\\_natural\\_enemies/links/5fe87cd045851553a0f  
64d50/Bio-efficacy-of-different-insecticides-on-chilli-fruit-borer-and-their-natural-enemies.pdf](https://www.researchgate.net/profile/Lipsa-Dash-2/publication/347934820_Bio-efficacy_of_different_insecticides_on_chilli_fruit_borer_and_their_natural_enemies/links/5fe87cd045851553a0f64d50/Bio-efficacy-of-different-insecticides-on-chilli-fruit-borer-and-their-natural-enemies.pdf)

*The mean data of the present investigation revealed that, Emamectin Benzoate 5% SG at 17.0 g ai/ha gave best control of fruit borer on chilli upto 15 days followed by Emamectin ...*

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### **In silico ANALYSIS OF PHYTOCHEMICALS FROM *Foeniculum vulgare* AGAINST CONJUNCTIVITIS**

S BAHALI, S DAS, I MISHRA, ... (2020)

PLANT CELL ..., archives.biciconference.co.in

<https://archives.biciconference.co.in/index.php/PCBMB/article/view/5005>

*Phytochemicals are non-nutritive compounds obtained from plants. It has been reported that *Foeniculum vulgare* plant extract is used to cure Conjunctivitis. The plant extract contains ...*

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### ***Curcuma amada* DERIVED PHYTOCHEMICALS AGAINST ATOPIC DERMATITIS (ECZEMA)**

AA NAYAK, AR MANGALDEEP, ... (2020)

PLANT CELL ..., archives.biciconference.co.in

<https://archives.biciconference.co.in/index.php/PCBMB/article/view/5145>

*Phytochemicals from *Curcuma amada* extract is used to cure atopic dermatitis (Eczema). Atopic dermatitis is caused by *Staphylococcus aureus*. "Molecular docking of the ...*

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### ***Pavonia odorata* DERIVED PHYTOCHEMICALS AGAINST *Epidermophyton floccosum* CAUSING ATHLETES FOOT DISEASE**

SK SAHU, JK NAYAK, ... (2020)

PLANT CELL ..., archives.biciconference.co.in

<https://archives.biciconference.co.in/index.php/PCBMB/article/view/5142>

*Phytochemicals from *Pavonia odorata* plant extract can cure Athletes Foot disease. It is caused by *Epidermophyton Floccosum*. Molecular docking method applied using "Biovia ...*

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### **In silico ANALYSIS OF PHYTOCHEMICALS FROM *Bacopa monnieri* AGAINST PEPTIC ULCER CAUSED BY *Helicobacter pylori***

B DAS, S DAS, KVD PRAKASH, ... (2020)

PLANT CELL ..., ikppress.org

<https://www.ikppress.org/index.php/PCBMB/article/view/5012>

*Presently, the herbal product usage increased tremendously worldwide. *Bacopa monnieri* is one of the medicinal plant which has been consumed by human for thousands of year as a ...*

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## **A Hybrid Model of Artificial Neural Network and Particle Swarm Optimization for Forecasting of Stock Price of Tata Motors**

SP Mishra

researchgate.net

[https://www.researchgate.net/profile/Siba-Mishra/publication/340809096\\_A\\_Hybrid\\_Model\\_of\\_Artificial\\_Neural\\_Network\\_and\\_Particle\\_Swarm\\_Optimization\\_for\\_Forecasting\\_of\\_Stock\\_Price\\_of\\_Tata\\_Motors/links/5e9ec4a14585150839ef5fa3/A-Hybrid-Model-of-Artificial-Neural-Network-and-Particle-Swarm-Optimization-for-Forecasting-of-Stock-Price-of-Tata-Motors.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/340809096_A_Hybrid_Model_of_Artificial_Neural_Network_and_Particle_Swarm_Optimization_for_Forecasting_of_Stock_Price_of_Tata_Motors/links/5e9ec4a14585150839ef5fa3/A-Hybrid-Model-of-Artificial-Neural-Network-and-Particle-Swarm-Optimization-for-Forecasting-of-Stock-Price-of-Tata-Motors.pdf)

*The forecasting of the financial time series has always attracted much interest from investors and researchers. Stock market movements are extremely complex and are influenced by ...*

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## **Technical competency and challenges in coffee production in Odisha, India**

S Das, S Pattanayak, B Mallick

phytojournal.com

<https://www.phytojournal.com/archives/2020/vol9issue3S/PartB/S-9-2-106-781.pdf>

*Coffee is a brewed drink prepared by processing of roasted coffee beans. It differentiated from other beverage in aroma, taste and quality drinks. Most of the countries have grown, ...*

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## **Soil Amendment with Flyash through Vermicomposting by the Action of Epigeic Earthworm**

S Satapathy, Y Nayak, KB Satapathy (2021)

Annals of the Romanian ..., annalsofrscb.ro

<http://annalsofrscb.ro/index.php/journal/article/view/1143>

*... The required materials such as industrial waste (Fly Ash), soils, cow dung were collected from some Industrial sectors and Centurion University of Technology and Management (CUTM)*

...

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## **Responses and Adaptation of Photosynthesis and Respiration under Heavy Metal Stress**

RK Sahoo, M Pradhan, M Palei, ... (2021)

Heavy Metal Toxicity in ..., books.google.com

<https://books.google.com/books?hl=en&lr=&id=haROEAAAQBAJ&oi=fnd&pg=PA27&dq=centurion+university&ots=uxaRqNJmec&sig=wg7gtinS7MUQk9kRB1dyvcsrhc>

*Fe, Mn, etc.) in their orbitals have an unpaired electron that sible to transfer this electron to ground-state oxygen O<sub>2</sub> and thus produce ROS. The inactivation of antioxidant enzymes ...*

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## **PREVENTION OF Helicobacter pylori CAUSING PEPTIC ULCER BY Trigonella foenum graecum**

E SAHOO, B TRIPATHY, M PANDEY, ... (2020)

UTTAR PRADESH ..., mbimph.com

<http://mbimph.com/index.php/UPJOZ/article/view/1560>

*Phytochemicals are a powerful group of chemicals that are derived from natural sources, especially from plants. That has shown to exhibit chemoprevention and chemotherapeutic ...*

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**A STUDY ON TRIBOLOGICAL PROPERTIES OF MIXTURE OF FATTY ACID METHYL ESTER (FAME) DERIVED FROM VARIOUS VEGETABLE OILS**

SK Senapati, BP Mishra, SK Biswal

Indian Journal of Tribology, tribologyindia.org

<https://www.tribologyindia.org/pdf/indian-journal-tribology-july-2019.pdf#page=27>

*Indian Oil Corporation Ltd, Bhubaneswar Laboratory and Research Scholar of CUTM, Jatni, Odisha 2 School of Engineering, Centurion University of Technology and Management, ...*

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**Varietal Evaluation of Bitter Gourd (*Momordica charantia* L.) In Paralakhemundi, Gajapati District**

K Mallikarjunarao

researchgate.net

[https://www.researchgate.net/profile/K-Rao-19/publication/347923798\\_Varietal\\_Evaluation\\_of\\_Bitter\\_Gourd\\_Momordica\\_charantia\\_L\\_In\\_Paralakhemundi\\_Gajapati\\_District/links/5fe76d8da6fdccdc8074bd1/Varietal-Evaluation-of-Bitter-Gourd-Momordica-charantia-L-In-Paralakhemundi-Gajapati-District.pdf](https://www.researchgate.net/profile/K-Rao-19/publication/347923798_Varietal_Evaluation_of_Bitter_Gourd_Momordica_charantia_L_In_Paralakhemundi_Gajapati_District/links/5fe76d8da6fdccdc8074bd1/Varietal-Evaluation-of-Bitter-Gourd-Momordica-charantia-L-In-Paralakhemundi-Gajapati-District.pdf)

*A field trial was conducted in a randomized block design with three replications at MS Swaminathan School of Agriculture, Centurion University of Technology and Management, ...*

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**PREVENTION OF *Haemophilus influenza* CAUSING BRONCHITIS BY *Ocimum tenuiflorum***

D DAS, S DAS, M PANDEY, ... (2020)

UTTAR PRADESH ..., mbimph.com

<http://mbimph.com/index.php/UPJOZ/article/view/1567>

*Bronchitis is caused by *Haemophilus influenza*. Adenine specific DNA methyltransferase is one of its major enzymes. *Ocimum tenuiflorum* is known to cure of Bronchitis. The plant ...*

-----

**PREVENTION OF *Escherichia coli* CAUSING DIARRHOEA BY *Foeniculum vulgare***

A MOHAPATRA, RK GOCHHAYAT, ... (2020)

UTTAR PRADESH ..., mbimph.com

<http://mbimph.com/index.php/UPJOZ/article/view/1565>

*Diarrhea is caused by *Escherichia coli*. Shikimate dehydrogenase is one of its major enzymes. *Foeniculum vulgare* is known to cure Diarrhea. The plant extract contains different ...*

-----

### **Canopy temperature of potato crop with different planting dates and irrigation frequencies**

A Biswas, A Roy, M Viswanath, S Chatterjee, S Roy (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue6/PartK/10-6-89-499.pdf>

*A farm level experiment was carried out with two (ie Jyoti and Ashoka) different potato cultivars (ie Ashoka and Jyoti) at "C" block farm of the Bidhan Chandra Krishi Viswavidyalaya ...*

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### **Pragmatic Shift from Conventional to Solar Off-Grid Access to Electricity in Isolated Places**

NC Giri, SP Mishra, S Choudhury, BP Mishra, ...

system, researchgate.net

<https://www.researchgate.net/profile/Nimay-Giri/publication/354596298/Pragmatic-Shift-from-Conventional-to-Solar-Off-Grid-Access-to-Electricity-in-Isolated-Places/links/61414a4edabce51cf4520a3c/Pragmatic-Shift-from-Conventional-to-Solar-Off-Grid-Access-to-Electricity-in-Isolated-Places.pdf>

*... Present novel research is an effort to design, connect and suitably apply solar off grid system in an isolated place like at the premises of Centurion University, Odisha. The approach is to ...*

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### **Role of a Zolla Pinnata R. Br. On Alteration of Physicochemical and Elemental Content of Soil**

R Priyadarshini, A Arzoo, B Behera

ijb.latticescipub.com

<https://www.ijb.latticescipub.com/wp-content/uploads/papers/v1i1/A2006041221.pdf>

*... randomly from the field of Centurion University campus below depths of 15-30 cm using stainless steel soil auger. Soil samples were taken in polythene bags then tagged and labeled ...*

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### **Social Distancing Inspection To Mitigate COVID-19 Using K-Nearest Neighbour**

R Mishra, A Ransingh, S Chakravarty, ... (2021)

2021 6th International ..., ieeexplore.ieee.org

<https://ieeexplore.ieee.org/abstract/document/9609407/>

*The beauty of Indian culture is to celebrate happiness as well as sorrows in gatherings of relatives, friends, and well-wishers. But with the advent of the COVID-19 pandemic, the world ...*

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### **Cellular and Molecular Mechanism of Liver Fibrosis: A Critical Insight**

GR Parida, G Pattnaik, A Behera (2021)

Research Journal of Pharmacy and ..., rjptonline.org

<https://rjptonline.org/AbstractView.aspx?PID=2021-14-11-91>

*Diseases are there, some are curable but certain diseases are life threatening. The dreadfulness of liver fibrosis created much attention in 21st century among pharmaceutical ...*

-----  
**Sustainable Energy Irrigation Model for Enhancing Livelihood in South Odisha**

NC Giri

researchgate.net

[https://www.researchgate.net/profile/Nimay-Giri/publication/354831913\\_Sustainable\\_Energy\\_Irrigation\\_Model\\_for\\_Enhancing\\_Livelihood\\_in\\_South\\_Odisha/links/614ebf96f8c9c51a8aeef6b/Sustainable-Energy-Irrigation-Model-for-Enhancing-Livelihood-in-South-Odisha.pdf](https://www.researchgate.net/profile/Nimay-Giri/publication/354831913_Sustainable_Energy_Irrigation_Model_for_Enhancing_Livelihood_in_South_Odisha/links/614ebf96f8c9c51a8aeef6b/Sustainable-Energy-Irrigation-Model-for-Enhancing-Livelihood-in-South-Odisha.pdf)

*... designed and developed in Centurion University. The major role was played by the implementing agency (PACS) in implementation aspect and Centurion University in designing aspect...*

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**Antimicrobial Study of an Autochthonous Plant *Achyranthes aspera* Linn.**

K Bhatta

researchgate.net

[https://www.researchgate.net/profile/Kalpita-Bhatta/publication/360514127\\_Antimicrobial\\_Study\\_of\\_an\\_Autochthonous\\_Plant\\_Achyranthes\\_aspera\\_Linn/links/627b48c8b1ad9f66c8b3db6d/Antimicrobial-Study-of-an-Autochthonous-Plant-Achyranthes-aspera-Linn.pdf](https://www.researchgate.net/profile/Kalpita-Bhatta/publication/360514127_Antimicrobial_Study_of_an_Autochthonous_Plant_Achyranthes_aspera_Linn/links/627b48c8b1ad9f66c8b3db6d/Antimicrobial-Study-of-an-Autochthonous-Plant-Achyranthes-aspera-Linn.pdf)

*... of Centurion University, Ramachandrapur, Jatni, Bhubaneswar. The plant is identified taxonomically and authenticated in the Department of Botany, Centurion University, Bhubaneswar. ...*

-----  
**Bio-fortification an innovation approach to eradicate hidden hunger: A review**

SS Santosh, SS Sharma, M Kumar, LB Agrawal, ... (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue7/PartF/10-6-235-581.pdf>

*Malnutrition is a major problem in world; more than 2 billion people suffer from 'hidden hunger' in which they are unable to meet the recommended nutrients or micronutrients from their*

...

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**Fish protein hydrolysate production, treatment methods and current potential uses: A review**

A Das, Y Nayak, S Dash (2021)

Skin, fisheriesjournal.com

<https://www.fisheriesjournal.com/archives/2021/vol9issue2/PartC/9-2-8-211.pdf>

*About 20 per cent of the live weight of freshwater fish is visceral mass is a rich source of protein, lipids, polyunsaturated fatty acids, soluble vitamins, phospholipids etc having very great ...*

-----  
**IMPACT OF ONLINE RATINGS AND REVIEWS ON PRE-PURCHASE BEHAVIOR OF CONSUMERS: AN EMPIRICAL STUDY FOR FMCD PRODUCTS IN ...**

S Naik, S Dey, SR Dash, B Mallik  
researchgate.net

[https://www.researchgate.net/profile/Sisir-Dash-2/publication/350754081\\_IMPACT\\_OF\\_ONLINE\\_RATINGS\\_AND\\_REVIEWS\\_ON\\_PRE-PURCHASE\\_BEHAVIOR\\_OF\\_CONSUMERS\\_AN\\_EMPIRICAL\\_STUDY\\_FOR\\_FMCD\\_PRODUCTS\\_IN\\_ODISHA/links/606ff62ea6fdce5f77909b03/IMPACT-OF-ONLINE-RATINGS-AND-REVIEWS-ON-PRE-PURCHASE-BEHAVIOR-OF-CONSUMERS-AN-EMPIRICAL-STUDY-FOR-FMCD-PRODUCTS-IN-ODISHA.pdf](https://www.researchgate.net/profile/Sisir-Dash-2/publication/350754081_IMPACT_OF_ONLINE_RATINGS_AND_REVIEWS_ON_PRE-PURCHASE_BEHAVIOR_OF_CONSUMERS_AN_EMPIRICAL_STUDY_FOR_FMCD_PRODUCTS_IN_ODISHA/links/606ff62ea6fdce5f77909b03/IMPACT-OF-ONLINE-RATINGS-AND-REVIEWS-ON-PRE-PURCHASE-BEHAVIOR-OF-CONSUMERS-AN-EMPIRICAL-STUDY-FOR-FMCD-PRODUCTS-IN-ODISHA.pdf)

*The Internet users is increasing gradually and it becomes the primary source of information for many consumers. It enables customers to share their views and experiences about the ...*

-----

### **Effect of Levels of Manures on Performance of Growth and Yield Parameters of Aerobic Rice Sahbhagi Dhan (IR-74371-71-1-CRR-1)**

S Barman, G Prameela, MS Bera, ... (2020)  
International Journal of ..., modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/view/307>

*An experiment has been conducted under field conditions at Organic Research Farm, Centurion University, Paralakhemundi, Gajapati, Odisha during Kharif season of 2019 to ...*

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### **Analysis of Indian Food Based on Machine learning Classification Models**

SK Nayak, M Beura, M Siddique, SP Mishra  
researchgate.net

[https://www.researchgate.net/profile/Siba-Mishra/publication/353600275\\_Analysis\\_of\\_Indian\\_Food\\_Based\\_on\\_Machine\\_learning\\_Classification\\_Models/links/610507ab1e95fe241a9cfb7a/Analysis-of-Indian-Food-Based-on-Machine-learning-Classification-Models.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/353600275_Analysis_of_Indian_Food_Based_on_Machine_learning_Classification_Models/links/610507ab1e95fe241a9cfb7a/Analysis-of-Indian-Food-Based-on-Machine-learning-Classification-Models.pdf)

*For human life, Food is highly necessary and essential for human to live the life. The objective of the current study is to characterise, classify and compare the food consumption patterns ...*

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### **INDISCON 2020**

VK Sharma, V Shyamala  
ieeexplore.ieee.org

<https://ieeexplore.ieee.org/abstract/document/9344561/>

*... of Technology and Management), Manoj Kumar Behera (Centurion University of Technology and Management), and Sujata Chakravarty (Centurion University of Technology and ...*

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### **Prediction of different stages in Diabetic retinopathy from retinal fundus images using radial basis function based SVM**

S Chakravarty (2020)  
IJST, sciresol.s3.us-east-2.amazonaws ...

<https://sciresol.s3.us-east-2.amazonaws.com/IJST/Articles/2020/Issue-20/IJST-2020-322.pdf>



*Objectives: This study proposes an automatic computer-aided screening system for prediction of Diabetic retinopathy (DR) by using image processing and machine learning techniques. ...*

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**Studies on inter-relationship and cause effect for yield and its attributes of Black gram (Vigna mungo L. Hepper) genotypes**

P Sravani, P Kumar, KK Raju, R Gogada (2021)  
researchgate.net

[https://www.researchgate.net/profile/Praveen-Dr/publication/360082142\\_Studies\\_on\\_inter-relationship\\_and\\_cause\\_effect\\_for\\_yield\\_and\\_its\\_attributes\\_of\\_Black\\_gram\\_Vigna\\_mungo\\_L\\_Hepper\\_genotypes/links/626133b28cb84a40ac7eb629/Studies-on-inter-relationship-and-cause-effect-for-yield-and-its-attributes-of-Black-gram-Vigna-mungo-L-Hepper-genotypes.pdf](https://www.researchgate.net/profile/Praveen-Dr/publication/360082142_Studies_on_inter-relationship_and_cause_effect_for_yield_and_its_attributes_of_Black_gram_Vigna_mungo_L_Hepper_genotypes/links/626133b28cb84a40ac7eb629/Studies-on-inter-relationship-and-cause-effect-for-yield-and-its-attributes-of-Black-gram-Vigna-mungo-L-Hepper-genotypes.pdf)

*The experiment was carried out during late Rabi season, 2019-20 with twenty seven blackgram genotypes at Bagusala Farm, MS Swaminathan School of Agriculture, Centurion ...*

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**PROGRAMMED CELL DEATH IN LOWER EUKARYOTES**

RVL Rao, N Naidu, KK Raju (2020)  
International Journal of Modern ..., modern-journals.com

<http://modern-journals.com/index.php/ijma/article/download/188/138>

*... Professor, Department of Genetics and Plant Breeding, MSSSoA, Centurion University of ... Plant Breeding, MSSSoA, Centurion University of Technology and Management, Odisha, India ...*

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**Development Of Road Network Under PMGSY Scheme-A Case Study**

KP Mishra, B Mohanty, S Panda (2020)  
Solid State Technology, researchgate.net

[https://www.researchgate.net/profile/Sagarika-Panda/publication/348297063\\_Development\\_Of\\_Road\\_Network\\_Under\\_PMGSY\\_Scheme\\_-\\_A\\_Case\\_Study/links/5ff6c875a6fdccdb837ca74/Development-Of-Road-Network-Under-PMGSY-Scheme-A-Case-Study.pdf](https://www.researchgate.net/profile/Sagarika-Panda/publication/348297063_Development_Of_Road_Network_Under_PMGSY_Scheme_-_A_Case_Study/links/5ff6c875a6fdccdb837ca74/Development-Of-Road-Network-Under-PMGSY-Scheme-A-Case-Study.pdf)

*Basing upon different journals and study cases, it is found that transportation is not only about movement within urban areas it also focuses over the rural areas, it is not only about ...*

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**An In silico Analysis of the Peppermint as Therapy for Typhoid**

P Bhadra  
researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674730\\_Analysis\\_of\\_the\\_Peppermint\\_as\\_Therapy\\_for\\_Typhoid/links/5f6f6b6092851c14bc977ff8/Analysis-of-the-Peppermint-as-Therapy-for-Typhoid.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674730_Analysis_of_the_Peppermint_as_Therapy_for_Typhoid/links/5f6f6b6092851c14bc977ff8/Analysis-of-the-Peppermint-as-Therapy-for-Typhoid.pdf)

*... Sc., Department of Chemistry, School of Applied Science, Centurion University of Technology ... School of Agriculture, Centurion University of Technology and Management, Odisha, India.*

...

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**A study on smart irrigation system on a watershed**

S Swagatika, PR Khakha, S Sunder Sahoo, A Nayak (2020)

IJCS

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**Diffusion of Solar Lights in South Odisha**

SS Das

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**In silico Analysis of the Green Chiretta (*Andrographis paniculata*) as Targeted Therapy for Targeted Plant Disease Causing Microbial Disease Chocolate Spot**

P Bhadra

researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/358021046\\_In\\_silico\\_Analysis\\_of\\_the\\_Green\\_Chiretta\\_Andrographis\\_paniculata\\_as\\_Targeted\\_Therapy\\_for\\_Targeted\\_Plant\\_Disease\\_Causing\\_Microbial\\_Disease\\_Chocolate\\_Spot/links/61eb9634dafcdb25fd411d0c/In-silico-Analysis-of-the-Green-Chiretta-Andrographis-paniculata-as-Targeted-Therapy-for-Targeted-Plant-Disease-Causing-Microbial-Disease-Chocolate-Spot.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/358021046_In_silico_Analysis_of_the_Green_Chiretta_Andrographis_paniculata_as_Targeted_Therapy_for_Targeted_Plant_Disease_Causing_Microbial_Disease_Chocolate_Spot/links/61eb9634dafcdb25fd411d0c/In-silico-Analysis-of-the-Green-Chiretta-Andrographis-paniculata-as-Targeted-Therapy-for-Targeted-Plant-Disease-Causing-Microbial-Disease-Chocolate-Spot.pdf)

*As aboriginal sources of medications, medicinal plants are used from the ancient times.*

*Andrographis paniculata is one of the highly used potential medicinal plants in the world. This*

...

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**Effect of different levels of Fertilisers on yield, nutrient uptake and economics of Indian Mustard (*Brassica juncea* L.)**

S Mohapatra, MR Satapathy, TR Sahoo, SP Nanda (2020)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2020/vol9issue6/PartG/9-6-55-513.pdf>

*The present study was carried out with the objectives to study the growth the effect of different levels of fertilisers on yield, nutrient uptake and economics of the Indian mustard variety ...*

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**In-silico Analysis of Effects of Black Pepper Extract on Pulm Pox Virus as Biopesticides**

P Bhadra

researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674692\\_In-silico\\_Analysis\\_of\\_Effects\\_of\\_Black\\_Pepper\\_Extract\\_on\\_Pulm\\_Pox\\_Virus\\_as\\_Biopesticides/links/5f9cfe96458515b7cfac92f5/In-silico-Analysis-of-Effects-of-Black-Pepper-Extract-on-Pulm-Pox-Virus-as-Biopesticides.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674692_In-silico_Analysis_of_Effects_of_Black_Pepper_Extract_on_Pulm_Pox_Virus_as_Biopesticides/links/5f9cfe96458515b7cfac92f5/In-silico-Analysis-of-Effects-of-Black-Pepper-Extract-on-Pulm-Pox-Virus-as-Biopesticides.pdf)

*Black pepper (*Piper nigrum* L.) is the most important spice traded internationally and is cultivated in many tropical regions of the world like India, Brazil, Vietnam, Indonesia, Malaysia*

...

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### **In-silico Analysis of *Gymnema sylvestre* in Diabetes**

P Bhadra

researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674701\\_In-silico\\_Analysis\\_of\\_Gymnema\\_sylvestre\\_in\\_Diabetes/links/5f72d1e5a6fdcc008644dec3/In-silico-Analysis-of-Gymnema-sylvestre-in-Diabetes.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674701_In-silico_Analysis_of_Gymnema_sylvestre_in_Diabetes/links/5f72d1e5a6fdcc008644dec3/In-silico-Analysis-of-Gymnema-sylvestre-in-Diabetes.pdf)

... , Centurion University of Technology and Management, Odisha, India. 2Assistant Professor, Department of Biotechnology, MSSwaminathan School of Agriculture, Centurion University ...

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### **PERFORMANCE ANALYSIS OF HYBRID TYPE SOLAR DRYER EMPLOYING SOLAR FLAT PLATE COLLECTOR**

DD Behera, SS Das, S Mandal, S Shukla, P Ranasingh

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### **A Review on Chemical Constituents and Pharmacological Studies of *Coriandrum sativum* L.**

P Bhadra

researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/358020886\\_A\\_Review\\_on\\_Chemical\\_Constituents\\_and\\_Pharmacological\\_Studies\\_of\\_Coriandrum\\_sativum\\_L/links/61eb96e4dafcdb25fd411d17/A-Review-on-Chemical-Constituents-and-Pharmacological-Studies-of-Coriandrum-sativum-L.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/358020886_A_Review_on_Chemical_Constituents_and_Pharmacological_Studies_of_Coriandrum_sativum_L/links/61eb96e4dafcdb25fd411d17/A-Review-on-Chemical-Constituents-and-Pharmacological-Studies-of-Coriandrum-sativum-L.pdf)

*Coriander (Coriandrum sativum L.)* being a yearly herb is most generally utilized for flavoring reason. Its plant seeds, leaves and roots are palatable, in spite of the fact that they have ...

-----

### **Chapter-5 Host Immune Responses and Drug Interaction against *T. evansi***

A Hota, K Jambagi, N Garanayak, A Pritam, ...

researchgate.net

[https://www.researchgate.net/profile/Abhishek-Hota/publication/354061452\\_Chapter\\_-5\\_Host\\_Immune\\_Responses\\_and\\_Drug\\_Interaction\\_against\\_T\\_evansi/links/61226f671e95fe241aeb2c70/Chapter-5-Host-Immune-Responses-and-Drug-Interaction-against-T-evansi.pdf](https://www.researchgate.net/profile/Abhishek-Hota/publication/354061452_Chapter_-5_Host_Immune_Responses_and_Drug_Interaction_against_T_evansi/links/61226f671e95fe241aeb2c70/Chapter-5-Host-Immune-Responses-and-Drug-Interaction-against-T-evansi.pdf)

All the parasites enter into body through various pathways invading the host immune system and complete the life-cycle and trypanosomes are no different from this. To ensure the ...

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### **Article on influence of bio-regulators on guava (*Psidium guajava* L.) cv. L-49 along with crop regulation by branch bending and shoot pruning under South-East ...**

K Pavani, C Jena, DV Vaka (2020)

Journal of Pharmacognosy and ..., phytojournal.com

<https://www.phytojournal.com/archives/2020/vol9issue2/PartZ/9-2-203-751.pdf>

*The 'apple of the tropics' or 'poormans apple' is one of the most important fruit crops grown in India. The guava fruit has gained a considerable prominence on account of its high food ...*

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### **In-silico Analysis of Effects of Cardamom Extract on Plant Disease**

P Bhadra

researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674772\\_In-silico\\_Analysis\\_of\\_Effects\\_of\\_Cardamom\\_Extract\\_on\\_Plant\\_Disease/links/5f647cca92851c14bc840d39/In-silico-Analysis-of-Effects-of-Cardamom-Extract-on-Plant-Disease.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674772_In-silico_Analysis_of_Effects_of_Cardamom_Extract_on_Plant_Disease/links/5f647cca92851c14bc840d39/In-silico-Analysis-of-Effects-of-Cardamom-Extract-on-Plant-Disease.pdf)

*Antiquated India is one of the pioneers of investigations of plants as medication, for example Ayurveda. In our social and monetary life we barely deal with our food we are taking. One ...*

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### **In-silico Analysis of Effects of Stevia Extract as Biopesticides on Leaf Blight**

P Bhadra

researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674697\\_In-silico\\_Analysis\\_of\\_Effects\\_of\\_Stevia\\_Extract\\_as\\_Biopesticides\\_on\\_Leaf\\_Blight/links/5f9cfd37458515b7cfac92bc/In-silico-Analysis-of-Effects-of-Stevia-Extract-as-Biopesticides-on-Leaf-Blight.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674697_In-silico_Analysis_of_Effects_of_Stevia_Extract_as_Biopesticides_on_Leaf_Blight/links/5f9cfd37458515b7cfac92bc/In-silico-Analysis-of-Effects-of-Stevia-Extract-as-Biopesticides-on-Leaf-Blight.pdf)

*Due to the ever-increasing worldwide plantation of sweet leaf Stevia rebaudiana (Bertoni), how to efficiently and effectively utilize the huge amounts of leaf residues that contain ...*

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### **WOMEN EMPOWERMENT THROUGH SHGS: LOOMING LIGHTS FROM THE TRIBAL VILLAGES OF JHARKHAND**

R Palli, A Deb, P Bhadra (2020)

Editorial Board, ijmer.s3.amazonaws.com

[http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4\(8\)-2020.pdf#page=196](http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4(8)-2020.pdf#page=196)

*'Women Empowerment' has been now an important phrase of discussion for the social scientists. The concept of 'Empowerment' was firstly highlighted by the Political Scientists. ...*

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### **In-silico Analysis of Effects of Ajwain Extract on Plant Disease**

P Bhadra

researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674689\\_In-silico\\_Analysis\\_of\\_Effects\\_of\\_Ajwain\\_Extract\\_on\\_Plant\\_Disease/links/5f9cfec8299bf1b53e546fca/In-silico-Analysis-of-Effects-of-Ajwain-Extract-on-Plant-Disease.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674689_In-silico_Analysis_of_Effects_of_Ajwain_Extract_on_Plant_Disease/links/5f9cfec8299bf1b53e546fca/In-silico-Analysis-of-Effects-of-Ajwain-Extract-on-Plant-Disease.pdf)

*Ancient India is one of the pioneers of studies of plants as medicine, ie Ayurveda. In our social and economic life we hardly take care of our food we are taking. One such unique herb is ...*

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### **In-silico Analysis of Effects of Methi Extract on Plant Disease**

P Bhadra  
researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674869\\_In-silico\\_Analysis\\_of\\_Effects\\_of\\_Methi\\_Extract\\_on\\_Plant\\_Disease/links/5f647c07458515b7cf3c1122/In-silico-Analysis-of-Effects-of-Methi-Extract-on-Plant-Disease.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674869_In-silico_Analysis_of_Effects_of_Methi_Extract_on_Plant_Disease/links/5f647c07458515b7cf3c1122/In-silico-Analysis-of-Effects-of-Methi-Extract-on-Plant-Disease.pdf)

*Antiquated India is one of the pioneers of investigations of plants as medication, for example Ayurveda. In our social and monetary life we barely deal with our food we are taking. One ...*

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### **In silico Analysis of Effects of Bael Leaves Extract on Plant Disease**

SS Pattanaik, P Bhadra  
researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674744\\_In\\_silico\\_Analysis\\_of\\_Effects\\_of\\_Bael\\_Leaves\\_Extract\\_on\\_Plant\\_Disease/links/5f9cfb6b458515b7cfac9284/In-silico-Analysis-of-Effects-of-Bael-Leaves-Extract-on-Plant-Disease.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674744_In_silico_Analysis_of_Effects_of_Bael_Leaves_Extract_on_Plant_Disease/links/5f9cfb6b458515b7cfac9284/In-silico-Analysis-of-Effects-of-Bael-Leaves-Extract-on-Plant-Disease.pdf)

*Ancient India is one of the pioneers of studies of plants as medicine, ie Ayurveda. In our social and economic life we hardly take care of our food we are taking. One such unique herb is ...*

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### **Vermicomposting: A Practice Towards Sustainable Farming**

S Barman, S Satapathy, G Prameela, ... (2020)  
International Journal of ..., modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/view/308>

*Vermicompost is an important organic nutrient source for the plants as well as for soil conditioning. Vermicompost is a organic nutrient product forms due to the activity of Earthworm on ...*

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### **Plasticulture: An emerging picture in Indian farming**

B Sahu, B Tripathy  
phytojournal.com

<https://www.phytojournal.com/archives/2020/vol9issue2S/PartH/S-9-2-107-621.pdf>

*Farming contributes to the largest livelihood provider in India. Agriculture makes most of the Indian economy. It has to be reformed with modern agricultural practices. Use of plastic is ...*

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### **A Survey on Synthesis of Linear antenna arrays, circular antenna arrays, conformal arrays and Beamforming Techniques**

MDR Varma, M Murali, MV Krishna (2020)  
Solid State Technology, researchgate.net

[https://www.researchgate.net/profile/D-Ramesh-Varma/publication/346676507\\_Solid\\_State\\_Technology\\_Volume\\_63\\_Issue\\_4\\_Publication\\_Year/links/5f647c07458515b7cf3c1122/Solid-State-Technology-Volume-63-Issue-4-Publication-Year.pdf](https://www.researchgate.net/profile/D-Ramesh-Varma/publication/346676507_Solid_State_Technology_Volume_63_Issue_4_Publication_Year/links/5f647c07458515b7cf3c1122/Solid-State-Technology-Volume-63-Issue-4-Publication-Year.pdf)

*By 2022, the world will witness new technologies in the field of communications, Radar communications and wireless communications. Therefore, there is lot of future scope for the ...*

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### **PERFORMANCE APPRAISAL PRACTICES AS A TOOL TO IMPROVE EMPLOYEE EFFICIENCIES IN BANKING SECTOR**

NR Swain, SK Mishra (2020)

International Journal of Modern ..., modern-journals.com

<http://modern-journals.com/index.php/ijma/article/download/184/135>

*... of Technology & Management, Odisha, India 2 Professor, Centurion University of Technology & ... Professor, Centurion University of Technology & Management, Odisha, India*

...

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### **Green Washing and its Impact on Consumers and Businesses-A Review**

KP Pattanayak

researchgate.net

[https://www.researchgate.net/profile/Kalee-Pattanayak/publication/344666948\\_Green\\_Washing\\_and\\_its\\_Impact\\_on\\_Consumers\\_and\\_Businesses\\_-\\_A\\_Review/links/60842efc8ea909241e223989/Green-Washing-and-its-Impact-on-Consumers-and-Businesses-A-Review.pdf](https://www.researchgate.net/profile/Kalee-Pattanayak/publication/344666948_Green_Washing_and_its_Impact_on_Consumers_and_Businesses_-_A_Review/links/60842efc8ea909241e223989/Green-Washing-and-its-Impact-on-Consumers-and-Businesses-A-Review.pdf)

*... D student, School of Management, Centurion University of Technology and Management, ... 2Assistant Professor, MS Swaminathan School of Agriculture, Centurion University of ...*

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### **A REVIEW OF THE DECISIONAL FACTORS IN ADOPTING ENTREPRENEURSHIP AS A CAREER CHOICE**

KP Pattanayak, C Padhy (2020)

International Journal of Modern ..., modern-journals.com

<http://modern-journals.com/index.php/ijma/article/download/221/169>

*... , Centurion University of Technology and Management, Paralakhemundi, Odisha, India 2 Assistant Professor, MS Swaminathan School of Agriculture, Centurion University of ...*

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### **A Review on Potential of Eco-Tourism as a Tool for Community Development in Rural Areas of India**

KP Pattanayak

researchgate.net

[https://www.researchgate.net/profile/Kalee-Pattanayak/publication/344666883\\_A\\_Review\\_on\\_Potential\\_of\\_Eco-Tourism\\_as\\_a\\_Tool\\_for\\_Community\\_Development\\_in\\_Rural\\_Areas\\_of\\_India/links/6012ea9345851517ef224107/A-Review-on-Potential-of-Eco-Tourism-as-a-Tool-for-Community-Development-in-Rural-Areas-of-India.pdf](https://www.researchgate.net/profile/Kalee-Pattanayak/publication/344666883_A_Review_on_Potential_of_Eco-Tourism_as_a_Tool_for_Community_Development_in_Rural_Areas_of_India/links/6012ea9345851517ef224107/A-Review-on-Potential-of-Eco-Tourism-as-a-Tool-for-Community-Development-in-Rural-Areas-of-India.pdf)

*... D student, School of Management, Centurion University of Technology and Management, ... 2Assistant Professor, MS Swaminathan School of Agriculture, Centurion University of ...*

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### **Empirical Measurement of Risk and Return of Indian Sectoral Indices with Special Reference to Bombay Stock Exchange**

PK Patjoshi  
researchgate.net

[https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354402452\\_Empirical\\_Measurement\\_of\\_Risk\\_and\\_Return\\_of\\_Indian\\_Sectoral\\_Indices\\_with\\_Special\\_Reference\\_to\\_Bombay\\_Stock\\_Exchange/links/613715df0360302a008442d7/Empirical-Measurement-of-Risk-and-Retur-n-of-Indian-Sectoral-Indices-with-Special-Reference-to-Bombay-Stock-Exchange.pdf](https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354402452_Empirical_Measurement_of_Risk_and_Return_of_Indian_Sectoral_Indices_with_Special_Reference_to_Bombay_Stock_Exchange/links/613715df0360302a008442d7/Empirical-Measurement-of-Risk-and-Retur-n-of-Indian-Sectoral-Indices-with-Special-Reference-to-Bombay-Stock-Exchange.pdf)

*Investors always invest in different investment avenues on the basis of risk and return. Investors who don't want to take more risk by means of return usually invest their money in ...*

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### **Impacts of traffic, manmade features and roadway condition on road safety**

NR Singh, B Mohanty, PS Sahoo, ... (2020)  
PalArch's Journal of ..., archives.palarch.nl

<https://archives.palarch.nl/index.php/jae/article/view/4598>

*The fast-increasing population accompanied by economic growth and penchant for consumerism has resulted in generation of huge vehicle population. The accident severity has seen ...*

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### **Studies on impact and economics of various sources of nitrogen on wheat, Triticum aestivum L. under the sandy loam soil conditions**

RS Kalasare, MK Yadav, DJ Gaikwad  
researchgate.net

[https://www.researchgate.net/profile/Manish-Yadav-51/publication/354048325\\_International\\_Journal\\_of\\_Botany\\_Studies\\_wwwbotanyjournalscom\\_Studies\\_on\\_impact\\_and\\_economics\\_of\\_various\\_sources\\_of\\_nitrogen\\_on\\_wheat\\_Triticum\\_aestivum\\_L\\_under\\_the\\_sandy\\_loam\\_soil\\_conditions/links/6120eb69169a1a0103172800/International-Journal-of-Botany-Studies-wwwbotanyjournalscom-Studies-on-impact-and-economics-of-various-sources-of-nitrogen-on-wheat-Triticum-aestivum-L-under-the-sandy-loam-soil-conditions.pdf](https://www.researchgate.net/profile/Manish-Yadav-51/publication/354048325_International_Journal_of_Botany_Studies_wwwbotanyjournalscom_Studies_on_impact_and_economics_of_various_sources_of_nitrogen_on_wheat_Triticum_aestivum_L_under_the_sandy_loam_soil_conditions/links/6120eb69169a1a0103172800/International-Journal-of-Botany-Studies-wwwbotanyjournalscom-Studies-on-impact-and-economics-of-various-sources-of-nitrogen-on-wheat-Triticum-aestivum-L-under-the-sandy-loam-soil-conditions.pdf)

*An experiment has been conducted during the Rabi of 2020-21 with following objectives, to study the growth behaviour of wheat under different organic and inorganic sources of ...*

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### **Sidelobe reduction in an Antenna Array using nature inspired Genetic Algorithm**

MDR Varma, M Murali, MV Krishna  
researchgate.net

[https://www.researchgate.net/profile/D-Ramesh-Varma/publication/348803814\\_Sidelobe\\_reduction\\_in\\_an\\_Antenna\\_Array\\_using\\_nature\\_inspired\\_Genetic\\_Algorithm/links/6010df6c92851c2d4df6d8ee/Sidelobe-reduction-in-an-Antenna-Array-using-nature-inspired-Genetic-Algorithm.pdf](https://www.researchgate.net/profile/D-Ramesh-Varma/publication/348803814_Sidelobe_reduction_in_an_Antenna_Array_using_nature_inspired_Genetic_Algorithm/links/6010df6c92851c2d4df6d8ee/Sidelobe-reduction-in-an-Antenna-Array-using-nature-inspired-Genetic-Algorithm.pdf)

*In the era of wireless communication, it is a crucial role to satisfy the stake holders. It is very*

*important to improve the capability in defence systems and communications. Each block in ...*

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**Plant Resources used in Kartika Purnima for Worshipping Lord Kartikeya in Odisha, India**

G Mahalik

researchgate.net

[https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/342365227\\_Plant\\_Resources\\_used\\_in\\_Kartika\\_Purnima\\_for\\_Worshipping\\_Lord\\_Kartikeya\\_in\\_Odisha\\_India/links/5ef108af92851ce9e7fbbb99/Plant-Resources-used-in-Kartika-Purnima-for-Worshipping-Lord-Kartikeya-in-Odisha-India.pdf](https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/342365227_Plant_Resources_used_in_Kartika_Purnima_for_Worshipping_Lord_Kartikeya_in_Odisha_India/links/5ef108af92851ce9e7fbbb99/Plant-Resources-used-in-Kartika-Purnima-for-Worshipping-Lord-Kartikeya-in-Odisha-India.pdf)

*Nature is important and valuable thing. Biodiversity is gift of nature which fulfills all the basic requirements which we need. Biodiversity refers to variety of plants and animals of the world...*

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**Anthropocene Water-Body Changes in Coastal Towns, Puri, Odisha: Micro-Scale Geospatial Analysis**

M Siddique

researchgate.net

[https://www.researchgate.net/profile/Siba-Mishra/publication/340619610\\_Anthropocene\\_Water-Body\\_Changes\\_in\\_Coastal\\_Towns\\_Puri\\_Odisha\\_Micro-Scale\\_Geospatial\\_Analysis/links/5e955f054585150839db0334/Anthropocene-Water-Body-Changes-in-Coastal-Towns-Puri-Odisha-Micro-Scale-Geospatial-Analysis.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/340619610_Anthropocene_Water-Body_Changes_in_Coastal_Towns_Puri_Odisha_Micro-Scale_Geospatial_Analysis/links/5e955f054585150839db0334/Anthropocene-Water-Body-Changes-in-Coastal-Towns-Puri-Odisha-Micro-Scale-Geospatial-Analysis.pdf)

*Scarcity of portable water is becoming acute in the globe and also in India. The coastal agglomerations are under anthropogenic pressure influenced by erratic climate change. There is*

...

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**Novel Approach To Setup Apache Spark And Python For Pyspark Programming To Count The Number of English Words In Big Data**

A Avinash

shabdbooks.com

<http://shabdbooks.com/gallery/563-may2020.pdf>

*... Professor Centurion University of Technology and ... Professor Centurion University of Technology and Management Kattamuri Sai Meghana Regno:171801120015 Centurion University ...*

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**Wild Native Oil Yielding Plants and Their Utilization by the Tribals of Nabarangpur District of Odisha, India**

G Mahalik

academia.edu

<https://www.academia.edu/download/64645821/IJONS-%20June%202020-Wild%20Native%20Oil%20Yielding%20Plants.pdf>



*Seed is the fundamental and essential contribution for effective yield generation, which holds the way to the ranch efficiency and benefit. Oils obtained are either used for edible ...*

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**Study of Haematological Parameters of Fresh Water Fishes (Clarias batrachus and Pangasius hypophthalmus) and Marine Fishes (Mugil cephalus and ...**

Y Nayak

researchgate.net

[https://www.researchgate.net/profile/Banaja-Prakashini-Samantaray/publication/354718251\\_Study\\_of\\_Haematological\\_Parameters\\_of\\_Fresh\\_Water\\_Fishes\\_Clarias\\_batrachus\\_and\\_Pangasius\\_hypophthalmus\\_and\\_Marine\\_Fishes\\_Mugil\\_cephalus\\_and\\_Parastromateus\\_niger/links/614987b63c6cb310697ff5d8/Study-of-Haematological-Parameters-of-Fresh-Water-Fishes-Clarias-batrachus-and-Pangasius-hypophthalmus-and-Marine-Fishes-Mugil-cephalus-and-Parastromateus-niger.pdf](https://www.researchgate.net/profile/Banaja-Prakashini-Samantaray/publication/354718251_Study_of_Haematological_Parameters_of_Fresh_Water_Fishes_Clarias_batrachus_and_Pangasius_hypophthalmus_and_Marine_Fishes_Mugil_cephalus_and_Parastromateus_niger/links/614987b63c6cb310697ff5d8/Study-of-Haematological-Parameters-of-Fresh-Water-Fishes-Clarias-batrachus-and-Pangasius-hypophthalmus-and-Marine-Fishes-Mugil-cephalus-and-Parastromateus-niger.pdf)

*... The experiment was carried out at the Department of Zoology, of Centurion University of Technology and Management in Jatani (Bhubaneswar campus) for the haematological ...*

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**Occurrence of Odonates in MS Swaminathan School of agriculture (MSSSoA), CUTM, Paralakhemundi campus, Odisha**

S Borkataki, RR Taye, D Padhy (2020)

entomoljournal.com

<https://www.entomoljournal.com/archives/2020/vol8issue2/PartN/8-1-336-312.pdf>

*... The present investigation was carried out in the campus of MS Swaminathan School of Agriculture (MSSSoA), Centurion University of Technology and Management (CUTM), which is*

...

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**A model wastewater treatment plant and its implementation Strategy**

PK Panda, S Panda, P Panda, D Padhi

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**Implementation Of Corner Sliced Circularly Polarized Square Patch Antenna**

KS Raju, G Raju, M Murali, ... (2020)

Solid State Technology, researchgate.net

[https://www.researchgate.net/profile/Satyanarayana-Kalidindi-2/publication/346674229\\_Solid\\_State\\_Technology\\_Volume\\_63\\_Issue\\_4\\_Publication\\_Year/links/5fcdf41a299bf188d4fd8a59/Solid-State-Technology-Volume-63-Issue-4-Publication-Year.pdf](https://www.researchgate.net/profile/Satyanarayana-Kalidindi-2/publication/346674229_Solid_State_Technology_Volume_63_Issue_4_Publication_Year/links/5fcdf41a299bf188d4fd8a59/Solid-State-Technology-Volume-63-Issue-4-Publication-Year.pdf)

*... as vice-chancellor in Centurion University. He has been expertise in ... university in 1998 and M.Tech degree in Control system from AU in 2000 joined as professor in Centurion university...*

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**Plant Resource Used in Basanta Panchami for Worshipping Goddess Saraswati in Odisha, India**

G Mahalik  
academia.edu

<https://www.academia.edu/download/64646000/IJONS-June%202020-Plant%20Resource%20Used%20in%20Basanta%20Panchami-min.pdf>

... Department of Botany, School of Applied Sciences, Centurion University of Technology and  
... Department of Botany, Centurion University of Technology and Management, Odisha, India.

...

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### **Energetics Study on Integrated Nutrient Management of Summer Rice (*Oryza sativa* L.) under South Odisha Conditions**

MS Ram  
researchgate.net

[https://www.researchgate.net/profile/Sagar-Maitra/publication/347438818\\_Energetics\\_Study\\_on\\_Integrated\\_Nutrient\\_Management\\_of\\_Summer\\_Rice\\_Oryza\\_sativa\\_L\\_under\\_South\\_Odisha\\_Conditions/links/5fdb956045851553a0c5bd6c/Energetics-Study-on-Integrated-Nutrient-Management-of-Summer-Rice-Oryza-sativa-L-under-South-Odisha-Conditions.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/347438818_Energetics_Study_on_Integrated_Nutrient_Management_of_Summer_Rice_Oryza_sativa_L_under_South_Odisha_Conditions/links/5fdb956045851553a0c5bd6c/Energetics-Study-on-Integrated-Nutrient-Management-of-Summer-Rice-Oryza-sativa-L-under-South-Odisha-Conditions.pdf)

... A field trial was carried out at Bagusala Farm of Centurion University of Technology and Management, Odisha during summer season of 2019-20 in sandy clay loam soil study the ...

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### **Influence of fertility levels and cytokinin on yield attributes and yields of sunflower (*Helianthus annuus* L.)**

B Supriya, GC Mishra, S Maitra, ... (2020)  
Journal of ..., researchgate.net

[https://www.researchgate.net/profile/Sagar-Maitra/publication/342783709\\_Influence\\_of\\_fertility\\_levels\\_and\\_cytokinin\\_on\\_yield\\_attributes\\_and\\_yields\\_of\\_sunflower\\_Helianthus\\_annuus\\_L/links/5f05f4eda6fdcc4ca45605a4/Influence-of-fertility-levels-and-cytokinin-on-yield-attributes-and-yields-of-sunflower-Helianthus-annuus-L.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/342783709_Influence_of_fertility_levels_and_cytokinin_on_yield_attributes_and_yields_of_sunflower_Helianthus_annuus_L/links/5f05f4eda6fdcc4ca45605a4/Influence-of-fertility-levels-and-cytokinin-on-yield-attributes-and-yields-of-sunflower-Helianthus-annuus-L.pdf)

A field experiment was conducted at Campus Farm of MS Swaminathan School of Agriculture, Centurion University of Technology and Management, Paralakhemundi, Odisha during ...

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### **Growth and Productivity of Finger Millet (*Eleusine coracana* L. Gaertn) as Influenced by Integrated**

P Ramya, S Maitra, T Shankar, R Adhikary (2020)  
researchgate.net

[https://www.researchgate.net/profile/Sagar-Maitra/publication/349248794\\_Growth\\_and\\_Productivity\\_of\\_Finger\\_Millet\\_Eleusine\\_coracana\\_L\\_Gaertn\\_as\\_Influenced\\_by\\_Integrated\\_Nutrient\\_Management/links/60268b7e299bf1cc26bee25b/Growth-and-Productivity-of-Finger-Millet-Eleusine-coracana-L-Gaertn-as-Influenced-by-Integrated-Nutrient-Management.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/349248794_Growth_and_Productivity_of_Finger_Millet_Eleusine_coracana_L_Gaertn_as_Influenced_by_Integrated_Nutrient_Management/links/60268b7e299bf1cc26bee25b/Growth-and-Productivity-of-Finger-Millet-Eleusine-coracana-L-Gaertn-as-Influenced-by-Integrated-Nutrient-Management.pdf)

... Considering the above fact, an experiment was conducted in south Odisha conditions at Bagusala Farm of Centurion University of Technology and Management to study the effect of ...

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**Antiinflammatory activity of herbal tablet of Phyllanthus emblica on Carrageenan induced paw edema in Wistar rats**

A Behera, HB Samal, DK Sharma, S Kanhar, ... (2021)

J. Pharm. Res ..., researchgate.net

[https://www.researchgate.net/profile/Himansu-Samal-2/publication/357053577\\_Anti-inflammatory\\_Activity\\_of\\_Herbal\\_Tablet\\_of\\_Phyllanthus\\_emblica\\_on\\_Carrageenan-induced\\_Paw\\_Edema\\_in\\_Wistar\\_Rats/links/6200897e870587329e984776/Anti-inflammatory-Activity-of-Herbal-Tablet-of-Phyllanthus-emblica-on-Carrageenan-induced-Paw-Edema-in-Wistar-Rats.pdf](https://www.researchgate.net/profile/Himansu-Samal-2/publication/357053577_Anti-inflammatory_Activity_of_Herbal_Tablet_of_Phyllanthus_emblica_on_Carrageenan-induced_Paw_Edema_in_Wistar_Rats/links/6200897e870587329e984776/Anti-inflammatory-Activity-of-Herbal-Tablet-of-Phyllanthus-emblica-on-Carrageenan-induced-Paw-Edema-in-Wistar-Rats.pdf)

... , Centurion University of Technology and Management, Bhubaneswar. The voucher specimen (7205/20/CUTM) was deposited at herbarium of Centurion University ... Centurion University

...

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**Efficacy of Solar Powered Water Pumps for Rural Farmers in Odisha; India**

NC Giri, D Rana, SP Mish, ... (2020)

PalArch's Journal of ..., archives.palarch.nl

<https://archives.palarch.nl/index.php/jae/article/view/4131>

... An action research has been adopted by Centurion University at Balasore, Koraput, Khordha to understand the concept and identify research gaps of solar power generators used for ...

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**Studies on the Effect of Pollution on Avenue Plants in Different Heavy Traffic Area of Bhubaneswar, Odisha, India**

G Mahalik

researchgate.net

[https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/344337160\\_Studies\\_on\\_the\\_Effect\\_of\\_Pollution\\_on\\_Avenue\\_Plants\\_in\\_Different\\_Heavy\\_Traffic\\_Area\\_of\\_Bhubaneswar\\_Odisha\\_India/links/5f69b428a6fdcc0086343801/Studies-on-the-Effect-of-Pollution-on-Avenue-Plants-in-Different-Heavy-Traffic-Area-of-Bhubaneswar-Odisha-India.pdf](https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/344337160_Studies_on_the_Effect_of_Pollution_on_Avenue_Plants_in_Different_Heavy_Traffic_Area_of_Bhubaneswar_Odisha_India/links/5f69b428a6fdcc0086343801/Studies-on-the-Effect-of-Pollution-on-Avenue-Plants-in-Different-Heavy-Traffic-Area-of-Bhubaneswar-Odisha-India.pdf)

Pollution is the introduction of contaminants into the natural environment that causes adverse change. Pollution can take the form of chemical substances or energy, such as noise, heat ...

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**Influence of Weed Management Practices on Weed Control Efficiency, Yield and Economics in Sweet Corn (Zea mays L. saccharata)**

SSS Bhardwaj, GC Mishra, ... (2020)

International Journal of ..., indianjournals.com

<https://www.indianjournals.com/ijor.aspx?target=ijor:ijaeb&volume=13&issue=1&article=005>

The field experiment was conducted in sandy loam soil at Research Farm, MS Swaminathan School of Agriculture, Centurion University of Technology and Management, Bagusala ...

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**Valorization of crustacean shell waste for extraction of chitin and chitosan**

S Mandal, SK Ghosh, S Swain, S Swain, ...  
thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue7S/PartB/S-10-6-140-873.pdf>

*... The authors are thankful to the Centurion University of Technology and Management for providing the necessary laboratory facilities to carry out this research work successfully. ...*

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**Effect of Integrated Nutrient Management on Yield and Economics in Summer Sweet Corn (Zea mays L. saccharata)**

BM Rao, GC Mishra, S Maitra, ... (2020)  
International Journal of ..., indianjournals.com

<https://www.indianjournals.com/ijor.aspx?target=ijor:ijaeb&volume=13&issue=1&article=003>

*The field experiment was carried out at Research Farm, Bagusala, MS Swaminathan School of Agriculture, Centurion University of Technology and Management during summer, 2018...*

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**Analytical estimation of energy dissipations: Viscous, Joulian, and Darcy of viscoelastic fluid flow phenomena over a deformable surface**

D Bhukta, GC Dash, SR Mishra, S Jena (2021)  
Heat Transfer, Wiley Online Library

<https://doi.org/10.1002/htj.22254>

*In this paper, analytical estimation of energy dissipations, such as viscous, Joulian, and Darcy dissipation of viscoelastic flow phenomena over a deformable surface has been presented...*

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**Antibacterial And Photocatalytic Properties Of Wet Chemically Fabricated Cus/Graphenenanocomposite**

AK Sahoo, EC Tripathy  
researchgate.net

[https://www.researchgate.net/profile/Eeshwar-Tripathy/publication/342204847\\_Antibacterial\\_And\\_Photocatalytic\\_Properties\\_Of\\_Wet\\_Chemically\\_Fabricated\\_CusGraphenenanocomposite/links/5ee8b848a6fdcc73be7fd474/Antibacterial-And-Photocatalytic-Properties-Of-Wet-Chemically-Fabricated-Cus-Graphenenanocomposite.pdf](https://www.researchgate.net/profile/Eeshwar-Tripathy/publication/342204847_Antibacterial_And_Photocatalytic_Properties_Of_Wet_Chemically_Fabricated_CusGraphenenanocomposite/links/5ee8b848a6fdcc73be7fd474/Antibacterial-And-Photocatalytic-Properties-Of-Wet-Chemically-Fabricated-Cus-Graphenenanocomposite.pdf)

*In the present work a simple wet chemical method has been adopted for synthesis CuS and CuS-Graphene composite in low temperature range of 50-90 0C. The specified materials ...*

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**Design and Fabrication of a Hand Operated Small Scale Maize Sheller**

S Sahu, G Dhupal, J Soren (2020)  
Int. J. Curr. Microbiol. App. Sci, researchgate.net

[https://www.researchgate.net/profile/Geetanjali-Dhupal/publication/343006782\\_Design\\_and\\_Fabrication\\_of\\_a\\_Hand\\_Operated\\_Small\\_Scale\\_Maize\\_Sheller/links/5f114dd9a6fdcc3ed70e4a61/](https://www.researchgate.net/profile/Geetanjali-Dhupal/publication/343006782_Design_and_Fabrication_of_a_Hand_Operated_Small_Scale_Maize_Sheller/links/5f114dd9a6fdcc3ed70e4a61/)

[Design-and-Fabrication-of-a-Hand-Operated-Small-Scale-Maize-Sheller.pdf](#)

*... and Power at Centurion University of Technology and Management, Paralakhemundi, Odisha-761211, India ... The experiments were conducted at Centurion University of Technology ...*

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**A DYNAMIC APPROACH FOR SEWAGE TREATMENT PLANT AND ITS IMPLEMENTATION STRATEGY**

PK PANDA, S PANDA, P PANDA, SK BISWAL

researchgate.net

[https://www.researchgate.net/profile/Prafulla-Panda/publication/343935109\\_A\\_DYNAMIC\\_APPROACH\\_FOR\\_SEWAGE\\_TREATMENT\\_PLANT\\_AND\\_ITS\\_IMPLEMENTATION\\_STRATEGY/links/5f48f498458515a88b7c7895/A-DYNAMIC-APPROACH-FOR-SEWAGE-TREATMENT-PLANT-AND-ITS-IMPLEMENTATION-STRATEGY.pdf](https://www.researchgate.net/profile/Prafulla-Panda/publication/343935109_A_DYNAMIC_APPROACH_FOR_SEWAGE_TREATMENT_PLANT_AND_ITS_IMPLEMENTATION_STRATEGY/links/5f48f498458515a88b7c7895/A-DYNAMIC-APPROACH-FOR-SEWAGE-TREATMENT-PLANT-AND-ITS-IMPLEMENTATION-STRATEGY.pdf)

*... The present study carried out a dynamic approach constructing a wastewater treatment plant in Centurion University of Technology and Management (CUTM), Paralakhemundi campus, ...*

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**Effectiveness of Dyadic Communication of Farm Family Heads with Their Daughters**

C Padhy

researchgate.net

[https://www.researchgate.net/profile/Chitrasena-Padhy/publication/358954903\\_Effectiveness\\_of\\_Dyadic\\_Communication\\_of\\_Farm\\_Family\\_Heads\\_with\\_Their\\_Daughters/links/621f19d27106690c08533395/Effectiveness-of-Dyadic-Communication-of-Farm-Family-Heads-with-Their-Daughters.pdf](https://www.researchgate.net/profile/Chitrasena-Padhy/publication/358954903_Effectiveness_of_Dyadic_Communication_of_Farm_Family_Heads_with_Their_Daughters/links/621f19d27106690c08533395/Effectiveness-of-Dyadic-Communication-of-Farm-Family-Heads-with-Their-Daughters.pdf)

*Dyadic communication is a deep interpersonal communication between two dyads. The two dyads interact with each other very frequently for a common purpose. There are ...*

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**Heterosis studies in bitter gourd (*Momordica charantia* L.) for yield and yield attributes**

BPK Naik, S Dalai, K Mallikarjunarao, P Kumar (2020)

IJCS, researchgate.net

[https://www.researchgate.net/profile/Pavan-Naik-2/publication/345240659\\_Heterosis\\_studies\\_in\\_bitter\\_gourd\\_Momordica\\_charantia\\_L\\_for\\_yield\\_and\\_yield\\_attributes/links/5fa12afa92851c14bcff5c7a/Heterosis-studies-in-bitter-gourd-Momordica-charantia-L-for-yield-and-yield-attributes.pdf](https://www.researchgate.net/profile/Pavan-Naik-2/publication/345240659_Heterosis_studies_in_bitter_gourd_Momordica_charantia_L_for_yield_and_yield_attributes/links/5fa12afa92851c14bcff5c7a/Heterosis-studies-in-bitter-gourd-Momordica-charantia-L-for-yield-and-yield-attributes.pdf)

*The experiment was conducted at Bagusala Instructional Farm, MS Swaminathan School of Agriculture, Centurion University of Technology and Management, Paralekhemundi, Odisha ...*

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**Comparative Study of the Effect of Organic Fertilizer and Chemical Fertilizer on Brinjal Plant (*Solanum melongena* L.)**

G Mahalik

academia.edu

<https://www.academia.edu/download/64645908/IJONS-June%202020-Comparative%20Study%20of%20the%20Effect%20of%20Organic%20Fertilizer-min.pdf>

... XRF analyzes were carried out Advanced Testing and Calibration laboratory in Centurion University Of Technology & Management using a handheld Epsilon 1 Pan analytical XRF ...

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### **Correlation and path analysis of grain yield and its attributes of traditional rice (*Oryza sativa* L.) genotypes**

RV Lohiteswararao, P Kumar, P Sravani, KK Raju, ... (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue12/PartO/10-11-307-659.pdf>

*Rice (Oryza sativa L.) is one of the world's most widely domesticated cereal crops. Rice is a staple food crop consumed by about half of the world's population. Rice is grown mostly in ...*

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### **Live Video Processing using Computer Vision System Toolbox**

NC Giri

researchgate.net

[https://www.researchgate.net/profile/Debaraj-Rana/publication/348759073\\_Live\\_Video\\_Processing\\_using\\_Computer\\_System\\_Toolbox/links/61495ac2a3df59440b9d52d5/Live-Video-Processing-using-Computer-System-Toolbox.pdf](https://www.researchgate.net/profile/Debaraj-Rana/publication/348759073_Live_Video_Processing_using_Computer_System_Toolbox/links/61495ac2a3df59440b9d52d5/Live-Video-Processing-using-Computer-System-Toolbox.pdf)

... I Center for Renewable Energy and Environment, Centurion University of Technology and ... Center for Renewable Energy and Environment Centurion University of Technology and ...

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### **Outcome-Based Skilling Faculty Development Programme**

A Patra, P Pani (2020)

PalArch's Journal of Archaeology of Egypt ..., archives.palarch.nl

<https://archives.palarch.nl/index.php/jae/article/download/4111/4047>

... by Centurion University of Technology and Management, Odisha. Two hundred and twenty faculty members participated in the FDP. The faculty development programme used diffusion ...

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### **Different Fractal Antenna Structure Analysis using ANN**

PK Patnaik, DC Panda, MV Krishna

researchgate.net

[https://www.researchgate.net/profile/M-Krishna-4/publication/341192811\\_Different\\_Fractal\\_Antenna\\_Structure\\_Analysis\\_using\\_ANN/links/5eb2f99645851523bd4965cd/Different-Fractal-Antenna-Structure-Analysis-using-ANN.pdf](https://www.researchgate.net/profile/M-Krishna-4/publication/341192811_Different_Fractal_Antenna_Structure_Analysis_using_ANN/links/5eb2f99645851523bd4965cd/Different-Fractal-Antenna-Structure-Analysis-using-ANN.pdf)

... and antennas from Centurion University of Technology and Management, Paralakhemundi, Odisha, PG in Radar & Microwave from Andhra University and B.Tech from Biju Patnaik ...

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**Natural preservative efficacy of cured betel leaf essential oil for sapota juice: Effect on physicochemical, microbial, and sensory properties**

M Madhumita, P Guha, A Nag, ... (2021)

Journal of Food ..., Wiley Online Library

<https://doi.org/10.1111/jfpp.15927>

*The potential of cured betel leaf essential oil (CLEO) as a natural food preservative was studied in sapota juice and ensuring its acceptable concentration. Physico-chemical properties ...*

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**Development of a Solar Operated Blower for Forging Operation: An Initiative for Sustainable Livelihood of Rural Area**

DD Behera, RC Mohanty, AM Mohanty

researchgate.net

[https://www.researchgate.net/profile/R-Mohanty-2/publication/339711754\\_55\\_IJEAT/links/5e60965492851cefa1dee65b/55-IJEAT.pdf](https://www.researchgate.net/profile/R-Mohanty-2/publication/339711754_55_IJEAT/links/5e60965492851cefa1dee65b/55-IJEAT.pdf)

*Blacksmith generally do the forging operation by hand which requires more time and have survived to exist in rural economy even today. Due to unavailability of electricity and limitation ...*

...

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**Influence of Maize-Legume Intercropping System on Growth and Productivity of Crops**

P Manasa, M Sairam, S Maitra (2021)

IJBS, researchgate.net

[https://www.researchgate.net/profile/Sagar-Maitra/publication/354765117\\_Influence\\_of\\_Maize-Legume\\_Intercropping\\_System\\_on\\_Growth\\_and\\_Productivity\\_of\\_Crops/links/614b6bed3c6cb31069874954/Influence-of-Maize-Legume-Intercropping-System-on-Growth-and-Productivity-of-Crops.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/354765117_Influence_of_Maize-Legume_Intercropping_System_on_Growth_and_Productivity_of_Crops/links/614b6bed3c6cb31069874954/Influence-of-Maize-Legume-Intercropping-System-on-Growth-and-Productivity-of-Crops.pdf)

*... The agro-meteorological conditions such as weekly mean maximum and minimum temperatures, relative humidity and rainfall recorded at meteorological station of Centurion University ...*

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**EFFECT OF FLYASH ON GROWTH PARAMETERS OF MACROTYLOMA UNIFLORUM.**

K Bhatta, A Tabish, B Baral

researchgate.net

[https://www.researchgate.net/profile/Kalpita-Bhatta/publication/360514091\\_EFFECT\\_OF\\_FLYASH\\_ON\\_GROWTH\\_PARAMETERS\\_OF\\_MACROTYLOMA\\_UNIFLORUM/links/627b4ba b37329433d9a6e8ef/EFFECT-OF-FLYASH-ON-GROWTH-PARAMETERS-OF-MACROTYLOMA-UNIFLORUM.pdf](https://www.researchgate.net/profile/Kalpita-Bhatta/publication/360514091_EFFECT_OF_FLYASH_ON_GROWTH_PARAMETERS_OF_MACROTYLOMA_UNIFLORUM/links/627b4ba b37329433d9a6e8ef/EFFECT-OF-FLYASH-ON-GROWTH-PARAMETERS-OF-MACROTYLOMA-UNIFLORUM.pdf)

*... The authors are very much grateful to the department of botany, school of applied sciences, Centurion university of technology and management for their support and guide. ...*

-----

**Sustainable Energy Service Model and Solar Technology Intervention for Drying Fish: A Case Study from SELCO and VIEWS from South Odisha**

SS Das, DD Behera (2020)

PalArch's Journal of Archaeology of Egypt ..., archives.palarch.nl

<https://www.archives.palarch.nl/index.php/jae/article/download/3152/3165>

*... areas of South Odisha in collaboration with Centurion University. ... at Centurion University where resource persons from School of Management were involved. Centurion University and ...*

-----

**Management Studies to Develop the Smart Cities on Real Life Situations by Using IOT.**

PDP Sharma, M Choudhury, B Raj, ... (2021)

... Journal of Future ..., papers.ssrn.com

[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3857761](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3857761)

*We developed the management activities to study the current scenario of IOT usage in Public Transport Management. It trades and organizations usages are for automobile ...*

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**EFFECTS OF HEAVY METALS ON GROWTH AND NODULATION OF RHIZOBIUM SP. IN VIGNA RADIATE (L.) WILCZEK**

SS Sahu, P Mohanty, G Mahalik (2020)

International Journal of ..., modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/download/220/168>

*... The authors are thankful to the gardener of Centurion University of Technology and Management, for their help during experiments. The authors are also grateful to the HOD, ...*

-----

**Use of Organic Fertilizer and the Potential Influence on Brassica rapa L. and Soil Nutrient Composition**

SK Mallick, B Jyotirmayee, ... (2021)

Bull. Env. Pharmacol. Life ..., researchgate.net

[https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/357448049\\_Use\\_of\\_Organic\\_Fertilizer\\_and\\_the\\_Potential\\_Influence\\_on\\_Brassica\\_rapa\\_L\\_and\\_Soil\\_Nutrient\\_Composition/links/61ce96efd4500608167c1fd5/Use-of-Organic-Fertilizer-and-the-Potential-Influence-on-Brassica-rapa-L-and-Soil-Nutrient-Composition.pdf](https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/357448049_Use_of_Organic_Fertilizer_and_the_Potential_Influence_on_Brassica_rapa_L_and_Soil_Nutrient_Composition/links/61ce96efd4500608167c1fd5/Use-of-Organic-Fertilizer-and-the-Potential-Influence-on-Brassica-rapa-L-and-Soil-Nutrient-Composition.pdf)

*... Geographical location: This experiment was conducted in the Centurion University of Technology and Management situated in the city of Bhubaneswar which is a very old city in India' ...*

-----

**Influence of nutrient levels on productivity and nutrient uptake by finger millet (Eleusine coracana L. Gaertn) varieties**

P Panda, S Maitra, SK Panda, T Shankar, ... (2021)

Crop Research (0970 ..., researchgate.net



[https://www.researchgate.net/profile/Sagar-Maitra/publication/353428357\\_Influence\\_of\\_nutrient\\_levels\\_on\\_productivity\\_and\\_nutrient\\_uptake\\_by\\_finger\\_millet\\_Eleusine\\_coracana\\_L\\_Gaertn\\_v\\_arieties/links/60fb88001e95fe241a8407a5/Influence-of-nutrient-levels-on-productivity-and-nutrient-uptake-by-finger-millet-Eleusine-coracana-L-Gaertn-varieties.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/353428357_Influence_of_nutrient_levels_on_productivity_and_nutrient_uptake_by_finger_millet_Eleusine_coracana_L_Gaertn_v_arieties/links/60fb88001e95fe241a8407a5/Influence-of-nutrient-levels-on-productivity-and-nutrient-uptake-by-finger-millet-Eleusine-coracana-L-Gaertn-varieties.pdf)

... Considering the above, an experiment was conducted at Bagusala Farm, Centurion University of Technology and Management, Odisha during rabi season of 2019-20. The experiment ...

-----

**Effect of packing material and storage conditions on storage stability of Palmyrah (*Borassus flabellifer* L.) tuber flour**

RV Sujatha, V Sekhar (2021)  
thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue6/PartO/10-6-49-926.pdf>

A study was conducted to determine the effect of packing material and storage conditions on the physiochemical changes that occurs during storage life of the palmyrah tuber flour. The ...

-----

**Torpor in insects**

S Borkataki, B Bhattacharyya, S Sen, ... (2021)  
CURRENT ..., currentscience.ac.in

<https://www.currentscience.ac.in/Volumes/120/11/1692.pdf>

... Swaminathan School of Agriculture, Centurion University, Paralakhemundi 761 211, India  
4School of Applied Sciences, Centurion University, Paralakhemundi 761 211, India ...

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**Effect of Positional Isomerism on Some Alcohol Based Drug towards Anti-Viral Activity against SARS-Cov-2: A Molecular Modeling Based Investigation**

M Palsaniya, B Patel, N Panigrahi (2021)  
Journal ISSN, jelsciences.com

<https://www.jelsciences.com/articles/jbres1246.pdf>

Coronavirus disease 2019 or COVID-19 has created devastation in humankind throughout the world. The virus, seemingly unstoppable, highly contagious, and infectious, is in an ...

-----

**Antibacterial and Antifungal Activity of *Alternanthera sessilis* (Linn.) R. Br. Ex DC.(2020)**

S Nayak, K Bhatta (2020)  
Int J Pharm Sci, researchgate.net

[https://www.researchgate.net/profile/Kalpita-Bhatta/publication/360514060\\_International\\_Journal\\_of\\_Pharma\\_and\\_Bio\\_Sciences\\_Microbiology\\_for\\_Medical\\_care\\_Corresponding\\_Author/links/627b47c137329433d9a6e8b7/International-Journal-of-Pharma-and-Bio-Sciences-Microbiology-for-Medical-care-Corresponding-Author.pdf](https://www.researchgate.net/profile/Kalpita-Bhatta/publication/360514060_International_Journal_of_Pharma_and_Bio_Sciences_Microbiology_for_Medical_care_Corresponding_Author/links/627b47c137329433d9a6e8b7/International-Journal-of-Pharma-and-Bio-Sciences-Microbiology-for-Medical-care-Corresponding-Author.pdf)

... The plant is identified taxonomically and authenticated in the Department of Botany,

Centurion University of Technology and Management, Bhubaneswar. The plant materials were ...

-----  
**Influence of packing material and storage conditions in extending shelf life and quality attributes of Palmyrah (*Borassus flabellifer* L.) Jaggery**

DV Swami (2021)  
thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue6/PartO/10-6-51-885.pdf>

*A study was conducted to determine the effect of packing material and storage conditions on the physiochemical changes that occurs during storage life of the palmyrah jaggery. The ...*

-----  
**Potential Role of Weed Management on Growth and Productivity of Pearl Millet: A Review**

S Lalichetti, S Lalichetti, S Singh, S Maitra, ... (2021)  
... Journal of Agriculture ..., researchgate.net

[https://www.researchgate.net/profile/Sagar-Lalichetti/publication/354144118\\_Potential\\_Role\\_of\\_Weed\\_Management\\_on\\_Growth\\_and\\_Productivity\\_of\\_Pearl\\_Millet\\_A\\_Review/links/61275ee60360302a005bff3f/Potential-Role-of-Weed-Management-on-Growth-and-Productivity-of-Pearl-Millet-A-Review.pdf](https://www.researchgate.net/profile/Sagar-Lalichetti/publication/354144118_Potential_Role_of_Weed_Management_on_Growth_and_Productivity_of_Pearl_Millet_A_Review/links/61275ee60360302a005bff3f/Potential-Role-of-Weed-Management-on-Growth-and-Productivity-of-Pearl-Millet-A-Review.pdf)

*Growth and productivity of pearl millet are majorly governed by climate and adopted field management practices viz. nutrient, water, weed, etc. Weeds are undesirable plants both ...*

-----  
**Bioinformatic analysis of metal transportomes from *Mycobacteria* Sp.**

SK Lunavat, JSG Gogada, ... (2021)  
Open Journal of ..., peertechzpublications.com

<https://www.peertechzpublications.com/articles/OJBB-5-111.php>

*Mycobacterium is immovable induce aerobic, acid-fast gram-positive bacilli with high genomic content (59-66%). In the operon structure frequently establish for the genes of three ...*

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**Growth responses of horse gram *Macrotyloma uniflorum* (Lam.) Verdc. to different organic farming system**

M Naik, S Parida  
researchgate.net

[https://www.researchgate.net/profile/Sagarika-Parida/publication/352833168\\_International\\_Journal\\_of\\_Botany\\_Studies\\_wwwbotanyjournalscom\\_Growth\\_responses\\_of\\_horse\\_gram\\_Macrotyloma\\_uniflorum\\_Lam\\_Verdc\\_to\\_different\\_organic\\_farming\\_system/links/60dba3e892851ca944973e35/International-Journal-of-Botany-Studies-wwwbotanyjournalscom-Growth-responses-of-horse-gram-Macrotyloma-uniflorum-Lam-Verdc-to-different-organic-farming-system.pdf](https://www.researchgate.net/profile/Sagarika-Parida/publication/352833168_International_Journal_of_Botany_Studies_wwwbotanyjournalscom_Growth_responses_of_horse_gram_Macrotyloma_uniflorum_Lam_Verdc_to_different_organic_farming_system/links/60dba3e892851ca944973e35/International-Journal-of-Botany-Studies-wwwbotanyjournalscom-Growth-responses-of-horse-gram-Macrotyloma-uniflorum-Lam-Verdc-to-different-organic-farming-system.pdf)

*... The experiment was conducted in the experimental garden of Centurion University of Management ... The authors are thankful to the gardeners of Centurion University of*

Technology and ...

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**Training: A tool for canopy management in fruit crops**

A Roy, M Viswanath, L Gowthami, SP Nanda (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue6S/PartF/S-10-6-2-897.pdf>

*Training may be defined as the art and science of cutting away of portion of plant to improve its shape, to influence its growth, flowering and fruitfulness and to improve the quality of the ...*

-----

**Response of Rice Cultivars to Nitrogen Levels under Aerobic and Transplanted Conditions.**

V Ramulu, MD Reddy, ... (2020)

Indian Journal of ..., arccarticles.s3.amazonaws.com

<http://arccarticles.s3.amazonaws.com/arcc/Attachment-at-accept-article-A-5394.pdf>

*An experiment on response of rice to nitrogen under aerobic and transplanted conditions was conducted in split-split-plot design with two methods of rice cultivation, seven rice varieties ...*

-----

**Formulation and Evaluation of Delayed Release Enteric Coated Tablets of Tenatoprazole, by Optimizing the Polymers**

NB Pati, S Velivela, V Mayasa, ... (2020)

Trends in Pharmaceutical ..., tips.sums.ac.ir

[https://tips.sums.ac.ir/article\\_46498.html](https://tips.sums.ac.ir/article_46498.html)

*The present study was undertaken with an aim to formulate enteric coated tablets of Tenatoprazole (a novel proton pump inhibitor with an imidazopyridine ring) to improve bioavailability ...*

-----

**Biology and feeding pattern of black inch worm, Hyposidra talaca Walker (Lepidoptera: Geometridae): A major defoliating pest of plantation crops**

S Borkataki, V Ramalakshmi, MD Reddy, ... (2020)

Crop ..., indianjournals.com

<https://www.indianjournals.com/ijor.aspx?target=ijor:cr1&volume=55&issue=1and2&article=008>

*... School of Agriculture (MSSSoA), Centurion University of Technology and Management (CUTM), ... The authors are indebted to Centurion University of Technology and Management,*

...

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**Heretical Gradients in Entrepreneurial Choice**

CPDJ Satpathy, M Mishra, BA Saufi, ... (2021)

Roselina and Nadova ..., papers.ssrn.com

[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3937896](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3937896)

*Complexly interlinked imaging technologies, new imaging technologies have motivated studies of internal order of mind. Interaction between business and science is not smooth with ...*

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**EFFECT OF REARING SYSTEM IN PRODUCTION PERFORMANCE AND EGG QUALITY CHARACTERISTICS OF VANARAJA LAYERS (GALLUS GALLUS ...**

Y Nayak, ... (2020)

International Journal of ..., modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/download/219/167>

*... The authors are obliged to the Head of the Zoology Department of Centurion University Of ... the Head of poultry unit of Centurion University of Technology and Management for managing ...*

...

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**Understanding pattern of socio-economics of SHG members engaged in horticulture enterprises in Sonapur district of Odisha**

M Meher, S Modak, S Panda, S Purabi (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue7S/PartB/S-10-6-141-180.pdf>

*The concept of Self-help group moves around to support resource poor farmers especially farm women indulging them in income generation activity. SHG is typically grouped with ...*

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**Nutrient biogeochemistry of coastal soils**

BPD Mehjabeen (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue7/PartM/10-7-77-593.pdf>

*The interface between land and ocean is termed as coastal zone and possesses specific features like highly dynamic nature, heterogeneity, diversity and productivity, fragile and ...*

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**Impact of agronomic practices on soil organic carbon dynamics: A review**

L Sagar, S Singh (2020)

IJCS, researchgate.net

[https://www.researchgate.net/profile/Sagar-Lalichetti/publication/343239352\\_Impact\\_of\\_agronomic\\_practices\\_on\\_soil\\_organic\\_carbon\\_dynamics\\_A\\_review/links/5f1f0f2b92851cd5fa4b8e97/Impact-of-agronomic-practices-on-soil-organic-carbon-dynamics-A-review.pdf](https://www.researchgate.net/profile/Sagar-Lalichetti/publication/343239352_Impact_of_agronomic_practices_on_soil_organic_carbon_dynamics_A_review/links/5f1f0f2b92851cd5fa4b8e97/Impact-of-agronomic-practices-on-soil-organic-carbon-dynamics-A-review.pdf)

*Climate change is one of the important factors for growing concern over food security, since accelerated increase in green house gas concentration especially carbon dioxide in the ...*

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**Prophecy of Stock Price of Bharat Immunological & Biological Corporation Ltd using**

### **Hybrid ANN and PSO Model**

M Siddique, SP Mishra  
researchgate.net

[https://www.researchgate.net/profile/Siba-Mishra/publication/353131739\\_Prophecy\\_of\\_Stock\\_Price\\_of\\_Bharat\\_Immunological\\_Biological\\_Corporation\\_Ltd\\_using\\_Hybrid\\_ANN\\_and\\_PSO\\_Model/links/60e8b5630fbf460db8f5cdd9/Prophecy-of-Stock-Price-of-Bharat-Immunological-Biological-Corporation-Ltd-using-Hybrid-ANN-and-PSO-Model.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/353131739_Prophecy_of_Stock_Price_of_Bharat_Immunological_Biological_Corporation_Ltd_using_Hybrid_ANN_and_PSO_Model/links/60e8b5630fbf460db8f5cdd9/Prophecy-of-Stock-Price-of-Bharat-Immunological-Biological-Corporation-Ltd-using-Hybrid-ANN-and-PSO-Model.pdf)

... Centurion University of Technology and Management, Odisha, India. 2Department of Civil Engg., Centurion University ... Olusegun Felix Ayadi, Texas Southern University, USA. (2) John M...

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### **Encephalon Disease Detection and Classification Using Discrete Orthonormal S-Transform and Sine Cosine Algorithm Based Deep Convolutional Network**

S Mishra, B Abera, DK Sahoo, ... (2020)  
PalArch's Journal of ..., archives.palarch.nl

<https://www.archives.palarch.nl/index.php/jae/article/view/4141>

... of ECE, Centurion University of Technology and Management, Odisha, India 4Dept. of ECE, ITER, Siksha 'O' Anusandhan University, Bhubaneswar, Odisha, India 5Dept. of Zoology, ...

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### **Partial purification and characterization of digestive acidic and alkaline proteases from the visceral waste of grass carp, *Ctenopharyngodon idella* ...**

B Mohanty, RK Majumdar (2020)  
entomoljournal.com

<https://www.entomoljournal.com/archives/2020/vol8issue1/PartU/8-1-265-169.pdf>

*Acidic and alkaline proteases from visceral waste of Ctenopharyngodon idella (Valenciennes, 1844) were isolated, partially purified by ammonium sulphate precipitation followed by ...*

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### **Assessment of Mental Health and Psychological Counseling for Farmers**

C Padhy, PS Raju, KP Pattanayak (2020)  
researchgate.net

[https://www.researchgate.net/profile/Chitrasena-Padhy/publication/347605106\\_Assessment\\_of\\_Mental\\_Health\\_and\\_Psychological\\_Counseling\\_for\\_Farmers/links/621f0424ef04e66eb74d69b1/Assessment-of-Mental-Health-and-Psychological-Counseling-for-Farmers.pdf](https://www.researchgate.net/profile/Chitrasena-Padhy/publication/347605106_Assessment_of_Mental_Health_and_Psychological_Counseling_for_Farmers/links/621f0424ef04e66eb74d69b1/Assessment-of-Mental-Health-and-Psychological-Counseling-for-Farmers.pdf)

*Farmers at present are undergoing various kinds of stresses due to troubled situations such as high temperatures, heavy rains, periodic droughts, indebtedness, and low crop ...*

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### **Soil fertility improvement by addition of bio-fertilizer *Azolla pinnata* R Br and its utilisation in a eco-friendly way**

B Behera, A Arzoo  
researchgate.net

[https://www.researchgate.net/profile/Bhagyeswari-Behera/publication/343006465\\_International\\_Journal\\_of\\_Botany\\_Studies\\_Soil\\_fertility\\_improvement\\_by\\_addition\\_of\\_bio-fertilizer\\_Azolla\\_pinnata\\_R\\_Br\\_and\\_its\\_utilisation\\_in\\_a\\_eco-friendly\\_way/links/5f1135d0299bf1e548bd4518/International-Journal-of-Botany-Studies-Soil-fertility-improvement-by-addition-of-bio-fertilizer-Azolla-pinnata-R-Br-and-its-utilisation-in-a-eco-friendly-way.pdf](https://www.researchgate.net/profile/Bhagyeswari-Behera/publication/343006465_International_Journal_of_Botany_Studies_Soil_fertility_improvement_by_addition_of_bio-fertilizer_Azolla_pinnata_R_Br_and_its_utilisation_in_a_eco-friendly_way/links/5f1135d0299bf1e548bd4518/International-Journal-of-Botany-Studies-Soil-fertility-improvement-by-addition-of-bio-fertilizer-Azolla-pinnata-R-Br-and-its-utilisation-in-a-eco-friendly-way.pdf)

*... In this study, soil samples were collected from a garden of Centurion University of Technology ... We are thankful to Centurion University of Technology and Management for providing lab ...*

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### **Appraising the Impact of Naraj Barrage on Sedimentation of Chilika Lagoon; the Soft Computing Model for Prediction**

SP Mishra, AC Ojha  
researchgate.net

[https://www.researchgate.net/profile/Siba-Mishra/publication/344414929\\_Appraising\\_the\\_Impact\\_of\\_Naraj\\_Barrage\\_on\\_Sedimentation\\_of\\_Chilika\\_Lagoon\\_the\\_Soft\\_Computing\\_Model\\_for\\_Prediction/links/5f731bdd299bf1b53efcc6be/Appraising-the-Impact-of-Naraj-Barrage-on-Sedimentation-of-Chilika-Lagoon-the-Soft-Computing-Model-for-Prediction.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/344414929_Appraising_the_Impact_of_Naraj_Barrage_on_Sedimentation_of_Chilika_Lagoon_the_Soft_Computing_Model_for_Prediction/links/5f731bdd299bf1b53efcc6be/Appraising-the-Impact-of-Naraj-Barrage-on-Sedimentation-of-Chilika-Lagoon-the-Soft-Computing-Model-for-Prediction.pdf)

*Estimation of suspended sediment transport in a catchment area is very important to manage water resources, construction of dam and barrage, as well as to protect the surrounding ...*

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### **Nutrient Management in Foxtail millet: A Review**

S Pine  
researchgate.net

[https://www.researchgate.net/profile/Biswajit-Pramanick/publication/344025542\\_Nutrient\\_Management\\_in\\_Foxtail\\_millet\\_A\\_Review/links/5f4e5e62a6fdcc9879bcb4e2/Nutrient-Management-in-Foxtail-millet-A-Review.pdf](https://www.researchgate.net/profile/Biswajit-Pramanick/publication/344025542_Nutrient_Management_in_Foxtail_millet_A_Review/links/5f4e5e62a6fdcc9879bcb4e2/Nutrient-Management-in-Foxtail-millet-A-Review.pdf)

*Foxtail millet (Setaria italica L.), like other small millets belongs to the family Poaceae, is drought tolerant crop grown in drylands under rainfed conditions with higher CO<sub>2</sub> abatement ...*

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### **Wearable Microstrip Patch Antenna for Disease Detection and WiMAX Application**

PK Patnaik, M Malijeddi, ... (2021)  
2021 2nd International ..., ieeexplore.ieee.org

<https://ieeexplore.ieee.org/abstract/document/9582104/>

*The wearable antenna provides flexibility and ease of integration with fabric materials. Wearable antenna finds application to remotely transmit/receive sensor data for medical ...*

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### **A Hybrid Prediction Model of Kernel Principal Component Analysis, Support Vector Regression and Teaching Learning Based Optimization Techniques**

M Siddique, T Samantara, SP Mishra  
researchgate.net

[https://www.researchgate.net/profile/Siba-Mishra/publication/354168310\\_A\\_Hybrid\\_Prediction\\_Model\\_of\\_Kernel\\_Principal\\_Component\\_Analysis\\_Support\\_Vector\\_Regression\\_and\\_Teaching\\_Learning\\_Based\\_Optimization\\_Techniques/links/6128f4f038818c2eaf64878b/A-Hybrid-Prediction-Model-of-Kernel-Principal-Component-Analysis-Support-Vector-Regression-and-Teaching-Learning-Based-Optimization-Techniques.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/354168310_A_Hybrid_Prediction_Model_of_Kernel_Principal_Component_Analysis_Support_Vector_Regression_and_Teaching_Learning_Based_Optimization_Techniques/links/6128f4f038818c2eaf64878b/A-Hybrid-Prediction-Model-of-Kernel-Principal-Component-Analysis-Support-Vector-Regression-and-Teaching-Learning-Based-Optimization-Techniques.pdf)

... , Centurion University of Technology and Management, Odisha, India. 2Department of Civil Engineering, Centurion University of ... Qing-Wen Wang, Shanghai University, China. ...

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### **Improved Pulse Production Technology-A Strategic Tool for Doubling Farmer's Income: A Review.**

L Sagar, S Singh (2020)

Agricultural Reviews, search.ebscohost.com

<https://search.ebscohost.com/login.aspx?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=02531496&AN=144418322&h=VhIMghqUHEhiQOAao4f2oz8WN2MpxzL18pV7uVjL%2FkzbBe6FoUT2BWz2krSz1Jbtgnke%2Bm6Cp2CeC%2BMz5nQxvw%3D%3D&crl=c>

*In Indian scenario, pulses are usually cultivated based on traditional experience acquired from our ancestors. Inflation in demand for pulses can't be met out with existing production ...*

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### **Preparation of Biodiesel from Castor Oil and Performance Evaluation in VCR Engine**

DD Behera, AK Gupta, SS Das, RK Bhatta, A Pradhan

researchgate.net

[https://www.researchgate.net/profile/Debashree-Behera/publication/353643148\\_Preparation\\_of\\_Biodiesel\\_from\\_Castor\\_Oil\\_and\\_Performance\\_Evaluation\\_in\\_VCR\\_Engine/links/6107eae21e95fe241aa30020/Preparation-of-Biodiesel-from-Castor-Oil-and-Performance-Evaluation-in-VCR-Engine.pdf](https://www.researchgate.net/profile/Debashree-Behera/publication/353643148_Preparation_of_Biodiesel_from_Castor_Oil_and_Performance_Evaluation_in_VCR_Engine/links/6107eae21e95fe241aa30020/Preparation-of-Biodiesel-from-Castor-Oil-and-Performance-Evaluation-in-VCR-Engine.pdf)

*Biodiesel can be used as Alternative fuel and acts as Renewable energy source. Rapid growth in industrialization of developing countries is resulting in increasing demand for new and ...*

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### **DNA barcoding for fish species identification: current status and future prospective**

C Halder, S Nath

researchgate.net

[https://www.researchgate.net/profile/Suchismita-Nath/publication/357279472\\_DNA\\_barcoding\\_for\\_fish\\_species\\_identification\\_current\\_status\\_and\\_future\\_prospective/links/61c47ee4abcb1b520adb0c98/DNA-barcoding-for-fish-species-identification-current-status-and-future-prospective.pdf](https://www.researchgate.net/profile/Suchismita-Nath/publication/357279472_DNA_barcoding_for_fish_species_identification_current_status_and_future_prospective/links/61c47ee4abcb1b520adb0c98/DNA-barcoding-for-fish-species-identification-current-status-and-future-prospective.pdf)

*DNA barcoding seems to be a promising approach for discovery of newer fish species, taxonomic identification, characterization and facilitating biodiversity studies. It supports ...*

-----

### **Promotion of mini power tiller among marginal and small farmers**

N Kumari, PK Singh, P Singh

researchgate.net

[https://www.researchgate.net/profile/Nidhi-Kumari-16/publication/342978800\\_Promotion\\_of\\_mini\\_power\\_tiller\\_among\\_marginal\\_and\\_small\\_farmers/links/5f10433692851c1eff1572fe/Promotion-of-mini-power-tiller-among-marginal-and-small-farmers.pdf](https://www.researchgate.net/profile/Nidhi-Kumari-16/publication/342978800_Promotion_of_mini_power_tiller_among_marginal_and_small_farmers/links/5f10433692851c1eff1572fe/Promotion-of-mini-power-tiller-among-marginal-and-small-farmers.pdf)

*The present study has been conducted at Sakra and Muraul block of Muzaffarpur district of Bihar with objective to incorporate mini power tiller equipped with cultivator, ridge maker and*

...

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### **Synthesis and characterization of Zinc doped Strontium Titanate**

P Mallick (2021)

Journal of Polymer science, ecesancar.com

<https://www.ecesancar.com/polymerscience/synthesis-and-characterization-of-zinc-doped-strontium-titanate-a-review.pdf>

*In this work, Synthesis of Zn doped Strontium Titanate was demonstrated by using solid-state reaction technique and polymethyl methacrylate (PMMA) based composites were prepared ...*

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### **Growth and Productivity of Maize (Zea mays L.) as Influenced by Nitrogen Management Options**

S Mohapatro, T Shankar, S Maitra, A Pal, ... (2021)

... Journal of Agriculture ..., researchgate.net

[https://www.researchgate.net/profile/Sameer-Mohapatro/publication/353308909\\_Growth\\_and\\_Productivity\\_of\\_Maize\\_Zea\\_mays\\_L\\_as\\_Influenced\\_by\\_Nitrogen\\_Management\\_Options/links/60f2cd3816f9f313008c6206/Growth-and-Productivity-of-Maize-Zea-mays-L-as-Influenced-by-Nitrogen-Management-Options.pdf](https://www.researchgate.net/profile/Sameer-Mohapatro/publication/353308909_Growth_and_Productivity_of_Maize_Zea_mays_L_as_Influenced_by_Nitrogen_Management_Options/links/60f2cd3816f9f313008c6206/Growth-and-Productivity-of-Maize-Zea-mays-L-as-Influenced-by-Nitrogen-Management-Options.pdf)

*... Considering the above, a field experiment was conducted at the Agriculture Research Farm, Baghasala of Centurion University of Technology and Management during the rabi season ...*

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### **A Comparative Study on Customers' Perception towards M-Banking Service Quality with respect to Gender across Public sector and Private Banks**

DEY Sabyasachi, ... (2020)

International Journal of ..., modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/view/187>

*In this study, the SERVQUAL model is applied to investigate the perception of customers towards mobile banking service quality across both public sector banks as well as private ...*

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### **Overview of Isolation and Identification of Different Bacterial and Fungal Species from Municipal Solid Waste**

G Mahalik

researchgate.net



[https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/342365324\\_Overview\\_of\\_Isolation\\_and\\_Identification\\_of\\_Different\\_Bacterial\\_and\\_Fungal\\_Species\\_from\\_Municipal\\_Solid\\_Waste/links/5ef106e892851ce9e7fba64c/Overview-of-Isolation-and-Identification-of-Different-Bacterial-and-Fungal-Species-from-Municipal-Solid-Waste.pdf](https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/342365324_Overview_of_Isolation_and_Identification_of_Different_Bacterial_and_Fungal_Species_from_Municipal_Solid_Waste/links/5ef106e892851ce9e7fba64c/Overview-of-Isolation-and-Identification-of-Different-Bacterial-and-Fungal-Species-from-Municipal-Solid-Waste.pdf)

*The current review work was directed to find out the isolation and identification of bacteria from municipal solid waste (MSW) and degradation as organic manure or compost. From the ...*

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### **Constraints in Cotton Cultivation Reported by Growers and Suggestive Measures**

C Padhy, PS Raju, RK Raj  
researchgate.net

[https://www.researchgate.net/profile/Chitrasena-Padhy/publication/350814980\\_Constraints\\_in\\_Cotton\\_Cultivation\\_Reported\\_by\\_Growers\\_and\\_Suggestive\\_Measures/links/626515d5bca601538b638fdd/Constraints-in-Cotton-Cultivation-Reported-by-Growers-and-Suggestive-Measures.pdf](https://www.researchgate.net/profile/Chitrasena-Padhy/publication/350814980_Constraints_in_Cotton_Cultivation_Reported_by_Growers_and_Suggestive_Measures/links/626515d5bca601538b638fdd/Constraints-in-Cotton-Cultivation-Reported-by-Growers-and-Suggestive-Measures.pdf)

*Cotton cultivation is of immense importance for farmers in Odisha tribal regions as it is a way of sustenance for their livelihood. A study was undertaken on 240 cotton growers from four ...*

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### **Impact of Change Management on the Performance of College Students in Odisha**

G Nandini  
academia.edu

[https://www.academia.edu/download/65725630/Impact\\_of\\_Change\\_Management\\_on\\_the\\_Performance\\_of\\_College\\_Students.pdf](https://www.academia.edu/download/65725630/Impact_of_Change_Management_on_the_Performance_of_College_Students.pdf)

*Change is all around us and it's a procedure, not an incident. Change can turn an emergency into a prospect and change meet head-on the status quo. An organization is an open ...*

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### **Rainfall Runoff Analysis by Advanced Hydrological System and Artificial Neural Network**

PK Singh  
researchgate.net

[https://www.researchgate.net/profile/Nidhi-Kumari-16/publication/344460526\\_Rainfall\\_Runoff\\_Analysis\\_by\\_Advanced\\_Hydrological\\_System\\_and\\_Artificial\\_Neural\\_Network/links/5f78798792851c14bcaa1773/Rainfall-Runoff-Analysis-by-Advanced-Hydrological-System-and-Artificial-Neural-Network.pdf](https://www.researchgate.net/profile/Nidhi-Kumari-16/publication/344460526_Rainfall_Runoff_Analysis_by_Advanced_Hydrological_System_and_Artificial_Neural_Network/links/5f78798792851c14bcaa1773/Rainfall-Runoff-Analysis-by-Advanced-Hydrological-System-and-Artificial-Neural-Network.pdf)

*The main objective of the present study is to conduct laboratory experiment for the generation of rainfall runoff data using rainfall simulator (Advanced hydrological System). AHS is ...*

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### **OCIT 2021**

R Chauhan, S Bandopadhaya, SR Samal, PR Pardhi, ...  
ieeexplore.ieee.org

<https://ieeexplore.ieee.org/abstract/document/9719447/>

... , India), Anoushka Sutradhar (KIIT Deemed to be University, India), Amiya K. Dash (KIIT Deemed to be University, India), and Suchismita Das (KIIT Deemed to be University, India) ...

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### **SCREENING THROUGH COMPUTER AIDED APPROACH OF PHYTOCHEMICALS FROM CINNAMOMUM CASSIA TARGETING LUNG CANCER**

I Pattnaik, P Pallavi, M Tripathy, ... (2020)

International Journal of ..., modern-journals.com

<http://modern-journals.com/index.php/ijma/article/download/193/144>

... 1,2,3,4 Centurion University of Technology and Management, Odisha, India ... The authors are thankful to Senior Management Team of Centurion University of Technology and ...

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### **Pharmacological evaluation for Anti-Anxiety and CNS depressant activity of hydro-alcoholic leaves extract of Pongamia pinnata**

J Panda, B Samantaray, G Pattnaik (2021)

Journal of Drug Delivery and ..., jddtonline.info

<http://jddtonline.info/index.php/jddt/article/view/4962>

*The aim of this study was to assess the anti-anxiety and CNS depressant properties of hydro-alcoholic extract of Pongamia pinnata leaves (HALEPP). Standard methods were used to*

...

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### **Condensation Methods for the Determination of Methoxamine Hydro Chloride in Pure and Pharmaceutical Formulations**

MLN Acharyulu, PM Rao, IS Ramakoti, ... (2021)

Asian Journal of ..., ajrconline.org

[https://ajrconline.org/HTML\\_Papers/Asian%20Journal%20of%20Research%20in%20Chemistry\\_PID\\_2021-14-1-4.html](https://ajrconline.org/HTML_Papers/Asian%20Journal%20of%20Research%20in%20Chemistry_PID_2021-14-1-4.html)

*Two visible spectrophotometric methods were developed A and B for the determination of Darunavir in pure and pharmaceutical formulations. The methods are based on condensation ...*

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### **Synthesis, Preparation and Characterization of H<sub>3</sub>BO<sub>3</sub> Nanoparticles as a Additive for Machining Lubricant**

R Bammidi, KS Prasad, PS Rao (2020)

Journal of Modern ..., journal.ump.edu.my

<https://journal.ump.edu.my/jmmst/article/view/4214>

*The minimum quantity lubrication (MQL) plays a critical role in providing excellent machining performance and application of nanoparticles in base fluids are one of the best way for ...*

-----

### **Synthesis of Cerium doped Zinc oxide nanoparticles by aqueous precipitation method and study on the structural and optical proper-ties**

D Sahu, NR Panda (2020)

Indian Journal of Science and ..., pdfs.semanticscholar.org

<https://pdfs.semanticscholar.org/c6b9/69caae88c6fe866e37acb682060711a9b972.pdf>

*Objectives: To understand the effect of impurity element doping; especially rare earth (Ce) ions on structural and optical properties of ZnO. Method: Coprecipitation method is used to ...*

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### **Cascaded Transformer coupled Multilevel inverter based Shunt Active Power Filter**

RR Behera, AR Dash, AK Panda (2021)

2021 Asian Conference on ..., ieeexplore.ieee.org

<https://ieeexplore.ieee.org/abstract/document/9544884/>

*This paper presents a cascaded transformer coupled multilevel inverter which is able to generate higher voltage levels with reduced switches. The complete design aspect and ...*

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### **Layered-Division Multiplexing in 5G New-Radio for Terrestrial Broadcast Services**

M Shial, S Mishra (2021)

Turkish Journal of Computer and ..., search.proquest.com

[https://search.proquest.com/openview/5989d23cc6a0aa73c394ed9f835ec814/1?pq-origsite=gscholar&cbl=2045096&casa\\_token=sQm-EDhbH9gAAAAA:ItWCX9cHzmcX1y6\\_c\\_O8TT9ZNVVLhSoPBG4jtf6aU4M4XJGEt77oUtp\\_HO8rwWBQ5qbI106XV0q71g](https://search.proquest.com/openview/5989d23cc6a0aa73c394ed9f835ec814/1?pq-origsite=gscholar&cbl=2045096&casa_token=sQm-EDhbH9gAAAAA:ItWCX9cHzmcX1y6_c_O8TT9ZNVVLhSoPBG4jtf6aU4M4XJGEt77oUtp_HO8rwWBQ5qbI106XV0q71g)

*... Scholar, Centurion University of Technology & Management, Odisha, India bDept.Of.ECE, Centurion University of Technology & Management, Odisha, India amadhusmitha.shial@gmail...*

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### **A Review on Advanced Hybrid Metal Matrix Composites Reinforced With Nano Particles**

PS VNB Gupta, PSV Ramana Rao, ... (2020)

International Journal of ..., papers.ssrn.com

[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3713730](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3713730)

*Advanced Hybrid Metal-matrix-composites (MMCs) reinforced with nanoparticles are extremely encouraging material, properly designed for high-specific-strength required circumstance...*

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### **COMPLEXITY AND ENERGY SAVING IN CLOUD LOAD BALANCING ALGORITHMS: A STUDY**

B Sahu, SK Swain (2020)

Compusoft, search.proquest.com

<https://search.proquest.com/openview/5c2ab7fa1ab853eb1b6f76844a327ce0/1?pq-origsite=gscholar&cbl=2032622>

*Based on the idea of pay-per-use and on-demand access to shared IT resources, cloud computing is rapidly emerging as a computing model of choice. It holds ample promises for ...*

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### **A Comprehensive Review on the Synthesis Mechanisms and Applications of ZnO Nanostructures**

D Sahu

researchgate.net

[https://www.researchgate.net/profile/Dojalisa-Sahu-2/publication/357769861\\_Dr\\_Dojalisa\\_Sahu-2pdf/data/61deb1224e4aff4a64376a11/Dr-Dojalisa-Sahu-2.pdf](https://www.researchgate.net/profile/Dojalisa-Sahu-2/publication/357769861_Dr_Dojalisa_Sahu-2pdf/data/61deb1224e4aff4a64376a11/Dr-Dojalisa-Sahu-2.pdf)

*Amongst the semiconducting metal oxides, zinc oxide (ZnO) is treated as a novel material with enormous applications. Several synthesis methods such as; co-precipitation, sol-gel, ...*

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### **Design and Analysis of Electric Vehicle with Battery System**

DR Sahoo, AK Sahoo (2021)

REVISTA GEINTEC-GESTAO ..., revistageintec.net

<http://revistageintec.net/index.php/revista/article/view/1922>

*In this work, our focus on the Electrical Vehicle with Battery System. With the development of technology, there is a huge change in the automobile industry. The automation of the ...*

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### **study on Trust Management System for Ubiquitous and Pervasive IoT Application**

A Patnaika (2021)

Turkish Journal of Computer and Mathematics ..., turcomat.org

<https://www.turcomat.org/index.php/turkbilmat/article/view/3104>

*... Science and Engineering, Centurion University of Technology and Management, Odisha, India. bSchool of Applied Sciences, Centurion University of Technology and Management, ...*

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### **A Review on Long Distance Phloem Transport and Distribution of Photo Assimilates into Developing Organs**

DJ Gaikwad

researchgate.net

[https://www.researchgate.net/profile/Sagar-Maitra/publication/357570443\\_A\\_Review\\_on\\_Long\\_Distance\\_Phloem\\_Transport\\_and\\_Distribution\\_of\\_Photo\\_Assimilates\\_into\\_Developing\\_Organs/links/61d4682de669ee0f5c856417/A-Review-on-Long-Distance-Phloem-Transport-and-Distribution-of-Photo-Assimilates-into-Developing-Organs.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/357570443_A_Review_on_Long_Distance_Phloem_Transport_and_Distribution_of_Photo_Assimilates_into_Developing_Organs/links/61d4682de669ee0f5c856417/A-Review-on-Long-Distance-Phloem-Transport-and-Distribution-of-Photo-Assimilates-into-Developing-Organs.pdf)

*Recent plant physiological studies focused on resource allocation and signalling between plant organs and long-distance phloem transport of tiny molecules of produced assimilates in ...*

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### **IN SILICO ANALYSIS OF THE PEPPERMINT AS POTENTIAL BIOPESTICIDE**

G Gouda, P Bhadra (2020)

Editorial Board, ijmer.s3.amazonaws.com

[http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4\(10\)-2020.pdf#page=79](http://ijmer.s3.amazonaws.com/pdf/volume9/volume9-issue4(10)-2020.pdf#page=79)

*As aboriginal sources of medications, medicinal plants are used from the ancient times. Andrographis paniculata is one of the highly used potential medicinal plants in the world. This*

...

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### **Legumes in Cropping System for Agricultural Sustainability**

S Duary

researchgate.net

[https://www.researchgate.net/profile/Sagar-Maitra/publication/357333928\\_Legumes\\_in\\_Cropping\\_System\\_for\\_Agricultural\\_Sustainability/links/61c8644dd4500608166b2294/Legumes-in-Cropping-System-for-Agricultural-Sustainability.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/357333928_Legumes_in_Cropping_System_for_Agricultural_Sustainability/links/61c8644dd4500608166b2294/Legumes-in-Cropping-System-for-Agricultural-Sustainability.pdf)

*Achieving food security for a country like India is very important where day by day population is expanding rapidly. In agricultural and food systems, producing in a sustainable way is, ...*

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### **Postharvest pathogenic behaviour of different litchi varieties**

R Kumar, P Bhargava, M Karn, A Kumar, S Pathak (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue6/PartI/10-6-88-257.pdf>

*Litchi is a fruit grown in few parts of the world of subtropical climate. In India, it is a short duration crop in limited areas. The crop, due to its good marketable value, which depends on the*

...

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### **INFLUENCE OF ADMITTANCE PARAMETERS ON COUPLING AND VSWR IN WAVEGUIDE JUNCTIONS**

KS RAJU, GSN RAJU, DRM MURALI

researchgate.net

[https://www.researchgate.net/profile/Satyanarayana-Kalidindi-2/publication/346674102\\_INFLUENCE\\_OF\\_ADMITTANCE\\_PARAMETERS\\_ON\\_COUPLING\\_AND\\_VSWR\\_IN\\_WAVEGUIDE\\_JUNCTIONS\\_K\\_SATYANARAYANA\\_RAJU\\_PROF\\_GSN\\_RAJU/links/5fcd4b592851c00f858ad8d/INFLUENCE-OF-ADMITTANCE-PARAMETERS-ON-COUPLING-AND-VSWR-IN-WAVEGUIDE-JUNCTIONS-K-SATYANARAYANA-RAJU-PROF-GSN-RAJU.pdf](https://www.researchgate.net/profile/Satyanarayana-Kalidindi-2/publication/346674102_INFLUENCE_OF_ADMITTANCE_PARAMETERS_ON_COUPLING_AND_VSWR_IN_WAVEGUIDE_JUNCTIONS_K_SATYANARAYANA_RAJU_PROF_GSN_RAJU/links/5fcd4b592851c00f858ad8d/INFLUENCE-OF-ADMITTANCE-PARAMETERS-ON-COUPLING-AND-VSWR-IN-WAVEGUIDE-JUNCTIONS-K-SATYANARAYANA-RAJU-PROF-GSN-RAJU.pdf)

*... as vice-chancellor in Centurion University. He has been expertise in ... university in 1998 and M.Tech degree in Control system from AU in 2000 joined as professor in Centurion university...*

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### **Climate change and horticulture: A complete overview**

S Rituparna, N Datta, H Dehury, S Prava (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue12/PartI/10-11-136-702.pdf>

*The effect of world-wide temperature help is presently obvious in various bits of the world. Peculiarity in climate plans, activated by accelerated warming, has started to impact a ...*

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### **Improved Pulse Production Technology-A Strategic Tool for Doubling Farmer's Income**

L Sagar, S Singh

arccarticles.s3.amazonaws.com

<http://arccarticles.s3.amazonaws.com/arcc/Attachment-at-accept-article-R-1997.pdf>

*In Indian scenario, pulses are usually cultivated based on traditional experience acquired from our ancestors. Inflation in demand for pulses can't be met out with existing production ...*

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### **Design and Analysis of Hybrid Microgrid for Remote Area in Odisha**

MR Meher, D Sahu (2021)

REVISTA GEINTEC-GESTAO INOVACAO E ..., revistageintec.net

<http://www.revistageintec.net/index.php/revista/article/view/1923>

*In this study, our focus on the electricity generation unit, microgrid from solar power and wind power. The electricity is one of basic need of society, the need of electricity increases day ...*

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### **BLOCKCHAIN IN MODERN FINANCE**

G Nandini, PK Patjoshi

researchgate.net

[https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354381656\\_BLOCKCHAIN\\_IN\\_MODERN\\_FINANCE/links/6135f859c69a4e487981b832/BLOCKCHAIN-IN-MODERN-FINANCE.pdf](https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354381656_BLOCKCHAIN_IN_MODERN_FINANCE/links/6135f859c69a4e487981b832/BLOCKCHAIN-IN-MODERN-FINANCE.pdf)

*Blockchain is a new technology in finance. It is a decentralized technique which mainly started for bitcoin and other cryptocurrencies. But now it is used in many of the sectors including ...*

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### **A Review on Productivity of Maize Intercropping Systems**

S Maitra

researchgate.net

[https://www.researchgate.net/profile/Sagar-Maitra/publication/347523070\\_A\\_Review\\_on\\_Productivity\\_of\\_Maize\\_Intercropping\\_Systems/links/5fe0ca2ca6fdccdc8ef55b1/A-Review-on-Productivity-of-Maize-Intercropping-Systems.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/347523070_A_Review_on_Productivity_of_Maize_Intercropping_Systems/links/5fe0ca2ca6fdccdc8ef55b1/A-Review-on-Productivity-of-Maize-Intercropping-Systems.pdf)

*The greatest challenge of the twenty first century in many developing countries is to maximize the production of basic necessities namely food, fodder, fuel and fiber to fulfill the needs of ...*

-----

### **A Review on Ethnomedicinal Plants Used for Digestive Disorder**

G Mahalik

researchgate.net

[https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/357448236\\_A\\_Review\\_on\\_Ethnomedicinal\\_Plants\\_Used\\_for\\_Digestive\\_Disorder/links/61cea6e9da5d105e550c4c99/A-Review-on-Ethnomedicinal-Plants-Used-for-Digestive-Disorder.pdf](https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/357448236_A_Review_on_Ethnomedicinal_Plants_Used_for_Digestive_Disorder/links/61cea6e9da5d105e550c4c99/A-Review-on-Ethnomedicinal-Plants-Used-for-Digestive-Disorder.pdf)

*Medicinal plants play a vital role in drug discovery and very useful to cure different ailments in human. Gastrointestinal tract infections are a very common and popular disease in all over ...*

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**Assessment of Applicants' Response on the Implementation of Rti Act: A Case Study of Srikakulam District**

D Saumendra (2020)

Indian Journal of Natural Sciences, papers.ssrn.com

[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3762950](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3762950)

*... 4Assistant Professor, Centurion University of Technology and Management, Odisha, India ... Assistant Professor, Centurion University of Technology and Management, Odisha, India ...*

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**Classroom Attendance System with IoT Notification**

D Rana, HS Sethi, SP Jena, SK Pradhan (2020)

researchgate.net

[https://www.researchgate.net/profile/Debaraj-Rana/publication/354725166\\_Classroom\\_Attendance\\_System\\_with\\_IoT\\_Notification/links/6149d4d83c6cb31069820f76/Classroom-Attendance-System-with-IoT-Notification.pdf](https://www.researchgate.net/profile/Debaraj-Rana/publication/354725166_Classroom_Attendance_System_with_IoT_Notification/links/6149d4d83c6cb31069820f76/Classroom-Attendance-System-with-IoT-Notification.pdf)

*... Professor, Centurion University of Technology and Management, Bhubaneswar, INDIA, 2M Tech Scholar, Centurion University of Technology and Management, Bhubaneswar, INDIA , ...*

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**Non-conventional approach for the management of early blight disease in potato**

R Kumar, A Kumar, DRS Bharati, S Pathak, M Karn (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue7/PartW/10-7-429-589.pdf>

*In the present study, the efficacy of non-conventional chemicals along with commonly used fungicide and biocontrol agent were tested against Alternaria solani, which causes Early ...*

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**Analysis of Two Equations Turbulent Scheme with Structured Meshing over Generic Ahmed Body Model**

S Mishra, A Misra, PSVR Rao, DN Rao (2020)

researchgate.net

[https://www.researchgate.net/profile/Sujit-Mishra/publication/341408389\\_Analysis\\_of\\_Two\\_Equations\\_Turbulent\\_Scheme\\_with\\_Structured\\_Meshing\\_over\\_Generic\\_Ahmed\\_Body\\_Model/links/5ebeb7c9299bf1c09abd400e/Analysis-of-Two-Equations-Turbulent-Scheme-with-Structured-Meshing-over-Generic-Ahmed-Body-Model.pdf](https://www.researchgate.net/profile/Sujit-Mishra/publication/341408389_Analysis_of_Two_Equations_Turbulent_Scheme_with_Structured_Meshing_over_Generic_Ahmed_Body_Model/links/5ebeb7c9299bf1c09abd400e/Analysis-of-Two-Equations-Turbulent-Scheme-with-Structured-Meshing-over-Generic-Ahmed-Body-Model.pdf)

*... Nageswar Rao 1 1 Centurion University of Technology and Management Odisha, India 2 Centurion University of Technology and Management, Andhra Pradesh, India ...*

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**Role of Social Media in Employer Branding—A Study on Selected Engineering Colleges**

**(Private) in Bhubaneswar**

A Panda (2020)

New Paradigm in Decision Science and Management, Springer

[https://doi.org/10.1007/978-981-13-9330-3\\_3](https://doi.org/10.1007/978-981-13-9330-3_3)

*... The researcher interviewed five senior personnel of Silicon, ITER, Centurion University, Gandhi Institute of Technology with the structured questionnaire method and collected the data*

...

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**Fly ash as a source of silicon and potassium for mitigating Ear head bug (*Leptocorisa acuta*) in rice under different abiotic stress condition**

PGP SK, R Khanam (2020)

Journal of Pharmacognosy and ..., phytojournal.com

<https://www.phytojournal.com/archives/2020/vol9issue3/PartAB/9-3-241-647.pdf>

*Experiments were carried out in two field conditions (induced drought and flood stress) to analyse the effect of fly ash on ear head bug population. The population of ear head bug was ...*

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**Plants and their Resources which are Utilized in Gajalakshmi Puja for Adoring Goddess Lakshmi**

U Mandal, SK Mallick, G Mahalik (2021)

Jour Pl Sci Res, researchgate.net

[https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/349636868\\_Plants\\_and\\_their\\_Resources\\_which\\_are\\_Utilized\\_in\\_Gajalakshmi\\_Puja\\_for\\_Adoring\\_Goddess\\_Lakshmi/links/60391c29a6fdcc37a85577bd/Plants-and-their-Resources-which-are-Utilized-in-Gajalakshmi-Puja-for-Adoring-Goddess-Lakshmi.pdf](https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/349636868_Plants_and_their_Resources_which_are_Utilized_in_Gajalakshmi_Puja_for_Adoring_Goddess_Lakshmi/links/60391c29a6fdcc37a85577bd/Plants-and-their-Resources-which-are-Utilized-in-Gajalakshmi-Puja-for-Adoring-Goddess-Lakshmi.pdf)

*The various species of flora and fauna along with the ecosystem all combined together are known as Biodiversity. Around 80% of the Indians follow Hinduism which is an ancient ...*

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**Brand Equity & Brand preferences influencing the purchase decision: Developments and Directions**

M Choudhury (2021)

Madhusmita C, Bidhu BM & Mohanty PK (2019)“ ..., papers.ssrn.com

[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3805203](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3805203)

*The process of product purchase from any market, consumers normally have to gone through the decision of what brand to buy (Brand choice) and where exactly to buy (place choice) ...*

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**EFFECT OF STOCK INDEX PARAMETERS ON FORECASTING THE HIGH STOCK VALUE OF VISA STEEL USING DEEP LEARNING NEURAL NETWORK ...**

SK Nayak, M Siddique (2020)

International Journal of Modern ..., modern-journals.com



<http://www.modern-journals.com/index.php/ijma/article/download/207/155>

... 1 Department of CSE, Centurion University of Technology and Management, Odisha, India 2  
Department of Mathematics, Centurion University of Technology and Management, Odisha, ...

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### **Use of Hydrogen in Polymer Electrolyte Membrane Fuel Cells: An Overview**

RC Mohanty

researchgate.net

[https://www.researchgate.net/profile/R-Mohanty-2/publication/346051185\\_Use\\_of\\_Hydrogen\\_in\\_Polymer\\_Electrolyte\\_Membrane\\_Fuel\\_Cells\\_An\\_Overview/links/5fb8ab6ca6fdcc6cc6558ce8/Use-of-Hydrogen-in-Polymer-Electrolyte-Membrane-Fuel-Cells-An-Overview.pdf](https://www.researchgate.net/profile/R-Mohanty-2/publication/346051185_Use_of_Hydrogen_in_Polymer_Electrolyte_Membrane_Fuel_Cells_An_Overview/links/5fb8ab6ca6fdcc6cc6558ce8/Use-of-Hydrogen-in-Polymer-Electrolyte-Membrane-Fuel-Cells-An-Overview.pdf)

*Conventional fossil fuels, currently the main source of world's energy demand, are limited due to which the world will face energy crisis sooner or later. During the last few years, a good ...*

-----

### **Investigation on Influence of Machining Parameters on High-Speed CNC Drilling of Ti-6Al-4V**

R Bammidi, KS Prasad, PS Rao (2020)

researchgate.net

[https://www.researchgate.net/profile/Srinivasa-P/publication/344211727\\_Investigation\\_on\\_Influence\\_of\\_Machining\\_Parameters\\_on\\_High-Speed\\_CNC\\_Drilling\\_of\\_Ti-6Al-4V/links/5f5c34da4585154dbbcb321c/Investigation-on-Influence-of-Machining-Parameters-on-High-Speed-CNC-Drilling-of-Ti-6Al-4V.pdf](https://www.researchgate.net/profile/Srinivasa-P/publication/344211727_Investigation_on_Influence_of_Machining_Parameters_on_High-Speed_CNC_Drilling_of_Ti-6Al-4V/links/5f5c34da4585154dbbcb321c/Investigation-on-Influence-of-Machining-Parameters-on-High-Speed-CNC-Drilling-of-Ti-6Al-4V.pdf)

*This scientific article explains the optimization of drilling parameters of Ti-6Al-4V. The parameters considered are speed, feed, and drill diameter. The experiments are conducted based*

...

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### **Growth and Performance of Rural Banking in India: An Empirical Study**

AB GirijaNandini, PK Patjoshi (2021)

Annals of the Romanian Society for ..., annalsofrscb.ro

<https://www.annalsofrscb.ro/index.php/journal/article/view/6113>

... GirijaNandini Assistant Professor, Centurion University of Technology and Management, ...  
Associate Professor, Centurion University of Technology and Management, Odisha, India ...

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### **A Critical Review on Hybrid Aluminium-SiCNP Metal Matrix Nanocomposites**

PSVNB Gupta, PSVR Rao

shabdbooks.com

<http://shabdbooks.com/gallery/312-july2020.pdf>

*Aluminium metal matrix composites are potential materials to meet Comprehensive requirement like minimum cost, high efficiency, and improved stiffness, specific strength, wear, creep ...*

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## **System of Rice Intensification-A New Approach of Rice Cultivation**

S Duary

researchgate.net

[https://www.researchgate.net/profile/Swarnali-Duary/publication/357430077\\_System\\_of\\_Rice\\_Intensification-A\\_New\\_Approach\\_of\\_Rice\\_Cultivation/links/61cdc8ceda5d105e550a98f4/System-of-Rice-Intensification-A-New-Approach-of-Rice-Cultivation.pdf](https://www.researchgate.net/profile/Swarnali-Duary/publication/357430077_System_of_Rice_Intensification-A_New_Approach_of_Rice_Cultivation/links/61cdc8ceda5d105e550a98f4/System-of-Rice-Intensification-A-New-Approach-of-Rice-Cultivation.pdf)

*Population of India as well as world continues to grow for the last few decades and with this growing population availability of per capita fresh water declines day by day. Rice is the ...*

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## **Precision Nutrient Management for Enhancement of Nutrient use Efficiency**

T Shankar

researchgate.net

[https://www.researchgate.net/profile/Sagar-Maitra/publication/357421315\\_Precision\\_Nutrient\\_Management\\_for\\_Enhancement\\_of\\_Nutrient\\_use\\_Efficiency/links/61cda21ada5d105e550890ae/Precision-Nutrient-Management-for-Enhancement-of-Nutrient-use-Efficiency.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/357421315_Precision_Nutrient_Management_for_Enhancement_of_Nutrient_use_Efficiency/links/61cda21ada5d105e550890ae/Precision-Nutrient-Management-for-Enhancement-of-Nutrient-use-Efficiency.pdf)

*Precision nutrient management is an important aspect of agriculture that accurately defines key factors for productivity improvement, sustainability, profitability and climate change. ...*

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## **Production of Hydrogen Gas from Methanol USING Dielectric Barrier Discharge Plasma Method**

D Sahu

researchgate.net

[https://www.researchgate.net/profile/Dojalisa-Sahu-2/publication/357769412\\_Production\\_of\\_Hydrogen\\_Gas\\_from\\_Methanol\\_USING\\_Dielectric\\_Barrier\\_Discharge\\_Plasma\\_Method/links/61dfa8f9323a2268f99ecaac/Production-of-Hydrogen-Gas-from-Methanol-USING-Dielectric-Barrier-Discharge-Plasma-Method.pdf](https://www.researchgate.net/profile/Dojalisa-Sahu-2/publication/357769412_Production_of_Hydrogen_Gas_from_Methanol_USING_Dielectric_Barrier_Discharge_Plasma_Method/links/61dfa8f9323a2268f99ecaac/Production-of-Hydrogen-Gas-from-Methanol-USING-Dielectric-Barrier-Discharge-Plasma-Method.pdf)

*Studies on hydrogen production from methanol using an indigenously designed dielectric barrier discharge (DBD) based plasma reactor have been reported. Different types of ...*

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## **PHYTOCHEMICAL AND ANTIMICROBIAL SIGNIFICANCE OF FEW SPECIES OF EUPHORBIA**

A Mishra, S Parida

researchgate.net

[https://www.researchgate.net/profile/Sagarika-Parida/publication/350191022\\_PHYTOCHEMICAL\\_AND\\_ANTIMICROBIAL\\_SIGNIFICANCE\\_OF\\_FEW\\_SPECIES\\_OF\\_EUPHORBIA/links/6055760e299bf17367552432/PHYTOCHEMICAL-AND-ANTIMICROBIAL-SIGNIFICANCE-OF-FEW-SPECIES-OF-EUPHORBIA.pdf](https://www.researchgate.net/profile/Sagarika-Parida/publication/350191022_PHYTOCHEMICAL_AND_ANTIMICROBIAL_SIGNIFICANCE_OF_FEW_SPECIES_OF_EUPHORBIA/links/6055760e299bf17367552432/PHYTOCHEMICAL-AND-ANTIMICROBIAL-SIGNIFICANCE-OF-FEW-SPECIES-OF-EUPHORBIA.pdf)

*A number of immunity booster plant groups have been included in the traditional system of medicine since the Vedic period. Research in the field of Ethno medicine has gained new ...*

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### **Intensive Farming: It's Effect on the Environment**

T Shankar  
researchgate.net

[https://www.researchgate.net/profile/Sagar-Maitra/publication/357423421\\_Intensive\\_Farming\\_It's\\_Effect\\_on\\_the\\_Environment/links/61cda4c7da5d105e55089141/Intensive-Farming-Its-Effect-on-the-Environment.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/357423421_Intensive_Farming_It's_Effect_on_the_Environment/links/61cda4c7da5d105e55089141/Intensive-Farming-Its-Effect-on-the-Environment.pdf)

*Intensive farming system is commonly followed in modern day agriculture owing to rise in population to meet the high food demand. In intensive farming, the farmer need high economic*

...

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### **Plant Nutrient Management by Organic Inputs**

S Praharaj  
researchgate.net

[https://www.researchgate.net/profile/Sagar-Maitra/publication/357378625\\_Plant\\_Nutrient\\_Management\\_by\\_Organic\\_Inputs/links/61cb42a1b8305f7c4b088889/Plant-Nutrient-Management-by-Organic-Inputs.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/357378625_Plant_Nutrient_Management_by_Organic_Inputs/links/61cb42a1b8305f7c4b088889/Plant-Nutrient-Management-by-Organic-Inputs.pdf)

*Plant nutrient management by organic input includes application of different organic manures, namely, bulky organic manures and concentrates and biofertilizers. Undoubtedly, these ...*

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### **Evaluation of Mechanical Properties of Fly Ash and GGBFS Based Geopolymer Concrete**

R Panigrahi  
researchgate.net

[https://www.researchgate.net/profile/Sagarika-Panda/publication/343691235\\_Evaluation\\_of\\_Mechanical\\_Properties\\_of\\_Fly\\_Ash\\_and\\_GGBFS\\_Based\\_Geopolymer\\_Concrete/links/5f3a5386afdcc43cfcc49/Evaluation-of-Mechanical-Properties-of-Fly-Ash-and-GGBFS-Based-Geopolymer-Concrete.pdf](https://www.researchgate.net/profile/Sagarika-Panda/publication/343691235_Evaluation_of_Mechanical_Properties_of_Fly_Ash_and_GGBFS_Based_Geopolymer_Concrete/links/5f3a5386afdcc43cfcc49/Evaluation-of-Mechanical-Properties-of-Fly-Ash-and-GGBFS-Based-Geopolymer-Concrete.pdf)

*In this paper the various strength characteristics and mechanical behaviour of the Fly ash and GGBFS based geopolymer concrete is studied. The geopolymer concrete mixes are ...*

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### **Major Fungal Diseases of Rice: A Case Study**

S Samal, S Parida (2021)  
Asian Journal of Biological and Life Sciences, ajbls.com

<https://ajbls.com/sites/default/files/AsianJBiolLifeSci-10-2-469.pdf>

*Disease screening and evaluation is a major parameter for measurement of host resistance of various rice germplasm and this study will facilitate for genetic mapping of resistance ...*

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### **Gram Tarang: Skills Development for Priority Sectors in India**

A Madan (2020)  
Anticipating and Preparing for Emerging Skills and ..., library.open.org

[https://library.oapen.org/bitstream/handle/20.500.12657/42910/2020\\_Book\\_AnticipatingAndPreparingForEme.pdf?sequence=1#page=140](https://library.oapen.org/bitstream/handle/20.500.12657/42910/2020_Book_AnticipatingAndPreparingForEme.pdf?sequence=1#page=140)

... Centurion University and its social entrepreneurial outreach, Gram Tarang Employability Training Services (Gram Tarang means a wave of development in a village), is working toward.

...

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### **INTERNET OF THINGS ENABLE SMART HOME SECURITY ISSUE ADDRESS USING BLOCKCHAIN**

BK Mohanta

researchgate.net

[https://www.researchgate.net/profile/Harish-Chandra-Mohanta/publication/354208212\\_INTERNET\\_OF\\_THINGS\\_ENABLE\\_SMART\\_HOME\\_SECURITY\\_ISSUE\\_ADDRESS\\_USING\\_BLOCKCHAIN/links/612c68ae0360302a0068af4c/INTERNET-OF-THINGS-ENABLE-SMART-HOME-SECURITY-ISSUE-ADDRESS-USING-BLOCKCHAIN.pdf](https://www.researchgate.net/profile/Harish-Chandra-Mohanta/publication/354208212_INTERNET_OF_THINGS_ENABLE_SMART_HOME_SECURITY_ISSUE_ADDRESS_USING_BLOCKCHAIN/links/612c68ae0360302a0068af4c/INTERNET-OF-THINGS-ENABLE-SMART-HOME-SECURITY-ISSUE-ADDRESS-USING-BLOCKCHAIN.pdf)

*In the last decade and so Internet of Things (IoT) is the most rapidly growing technology, as per Cisco estimated the number of IoT devices connected will reach 50 Billion by 2020. As ...*

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### **Effect of Application of Different Quality Water through Pitcher Irrigation and Tillage Types on Tomato Production and Soil Properties of Coastal Saline Soil of ...**

R Adhikary, A Pal, SK De (2021)

Indian Journal of ..., arccarticles.s3.amazonaws.com

<http://arccarticles.s3.amazonaws.com/arcc/Attachment-at-accept-article-A-5551.pdf>

*Background: Water and tillage are the primary input for crop production and increasingly become scarce due to its high demand in agricultural sector. Pitcher irrigation, a traditional ...*

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### **Corporate Social Responsibility: A Business Necessity in the Present Era**

G Nandini

researchgate.net

[https://www.researchgate.net/profile/Girija-Nandini/publication/354719529\\_Corporate\\_Social\\_Responsibility\\_A\\_Business\\_Necessity\\_in\\_the\\_Present\\_Era/links/61499245a595d06017dd6008/Corporate-Social-Responsibility-A-Business-Necessity-in-the-Present-Era.pdf](https://www.researchgate.net/profile/Girija-Nandini/publication/354719529_Corporate_Social_Responsibility_A_Business_Necessity_in_the_Present_Era/links/61499245a595d06017dd6008/Corporate-Social-Responsibility-A-Business-Necessity-in-the-Present-Era.pdf)

*Corporate Social Responsibility (CSR) and Sustainable development are interrelated. Indian Companies are implementing Corporate Social Responsibility (CSR) for generation of ...*

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### **Study on Crystallographic and Electronic Band Structure of Wurtzite ZnO**

D Sahu

researchgate.net

[https://www.researchgate.net/profile/Dojalisa-Sahu-2/publication/357769714\\_Study\\_on\\_Crystallographic\\_and\\_Electronic\\_Band\\_Structure\\_of\\_Wurtzite\\_ZnO/links/61e79fd15779d35951bafb90/Study-on-Crystallographic-and-Electronic-Band-Structure-of-Wurtzite-ZnO.pdf](https://www.researchgate.net/profile/Dojalisa-Sahu-2/publication/357769714_Study_on_Crystallographic_and_Electronic_Band_Structure_of_Wurtzite_ZnO/links/61e79fd15779d35951bafb90/Study-on-Crystallographic-and-Electronic-Band-Structure-of-Wurtzite-ZnO.pdf)



[ay to Achieve Agricultural Sustainability/links/5f736f92458515b7cf585a42/Chapter-3-Organic-Farming-A-Way-to-Achieve-Agricultural-Sustainability-Chapter-3-Organic-Farming-A-Way-to-Achieve-Agricultural-Sustainability.pdf](https://www.researchgate.net/publication/354402264_Impact_of_Growth_of_Automobile_Production_on_Performance_of_Automobile_Sector_in_India/links/5f736f92458515b7cf585a42/Chapter-3-Organic-Farming-A-Way-to-Achieve-Agricultural-Sustainability-Chapter-3-Organic-Farming-A-Way-to-Achieve-Agricultural-Sustainability.pdf)

*In the middle of twentieth century AD, the most important challenge in India was production of enough to meet the demand of its vast population. To manage the situation, Green ...*

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### **Common fixed point theorems of Geraghty type contraction maps for digital metric spaces.**

PH Krishna, KKM Sarma, KM Rao, DA Tatajee  
academia.edu

<https://www.academia.edu/download/62985662/F100305343820200417-74972-1ihj3lr.pdf>

*In this paper, we prove the existence of common fixed point theorems of Geraghty type contraction for digital metric spaces. Our results extend the Banach fixed point theorem for digital ...*

-----

### **Impact of Growth of Automobile Production on Performance of Automobile Sector in India**

PK Patjoshi, G Nandini  
researchgate.net

[https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354402264\\_Impact\\_of\\_Growth\\_of\\_Automobile\\_Production\\_on\\_Performance\\_of\\_Automobile\\_Sector\\_in\\_India/links/613718902b40ec7d8bed66a5/Impact-of-Growth-of-Automobile-Production-on-Performance-of-Automobile-Sector-in-India.pdf](https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354402264_Impact_of_Growth_of_Automobile_Production_on_Performance_of_Automobile_Sector_in_India/links/613718902b40ec7d8bed66a5/Impact-of-Growth-of-Automobile-Production-on-Performance-of-Automobile-Sector-in-India.pdf)

*The automobile sector is a vital part of the manufacturing sector and measured by means of a significant driver as well as an indicator of economic development. It is also technology as ...*

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### **Corporate Social Responsibility in Indian Banking Sector: Study on Selected Banks**

G Nandini  
researchgate.net

[https://www.researchgate.net/profile/Girija-Nandini/publication/354719351\\_Corporate\\_Social\\_Responsibility\\_in\\_Indian\\_Banking\\_Sector\\_Study\\_on\\_Selected\\_Banks/links/614990c1519a1a381f71ba64/Corporate-Social-Responsibility-in-Indian-Banking-Sector-Study-on-Selected-Banks.pdf](https://www.researchgate.net/profile/Girija-Nandini/publication/354719351_Corporate_Social_Responsibility_in_Indian_Banking_Sector_Study_on_Selected_Banks/links/614990c1519a1a381f71ba64/Corporate-Social-Responsibility-in-Indian-Banking-Sector-Study-on-Selected-Banks.pdf)

*Corporate Social Responsibility (CSR) is one of the most important issues in the era of globalization. Considering the importance of CSR the Indian banks are investing money in ...*

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### **IMPACT OF TSUNAMI RELIEF MEASURES ON THE SOCIO-ECONOMIC CONDITION OF FISHERS IN TAMIL NADU AND KERALA**

NE Joshua, A Sharma, A Gopan  
Age, researchgate.net

[https://www.researchgate.net/profile/Nisha-Joshua/publication/353306641\\_Impact\\_of\\_Tsunami\\_Relief\\_Measures\\_on\\_the\\_Socio-Economic\\_Condition\\_of\\_Fishers\\_in\\_Tamil\\_Nadu\\_and\\_Kerala/1](https://www.researchgate.net/profile/Nisha-Joshua/publication/353306641_Impact_of_Tsunami_Relief_Measures_on_the_Socio-Economic_Condition_of_Fishers_in_Tamil_Nadu_and_Kerala/1)

[inks/60f2851f16f9f313008be49c/Impact-of-Tsunami-Relief-Measures-on-the-Socio-Economic-Condition-of-Fishers-in-Tamil-Nadu-and-Kerala.pdf](https://www.researchgate.net/publication/344336903)

... Assistant Professor, School of Fisheries, Centurion University of Technology and ... Assistant Professor, School of Fisheries, Centurion University of Technology and Management, ...

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**Efficacy of Nyctanthus arbour-tristis, Phyllanthus amarus and Cymbopogon citratus used in the Traditional Treatment of Typhoid against Salmonella ...**

G Mahalik

researchgate.net

[https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/344336903\\_Efficacy\\_of\\_Nyctanthus\\_arbour-tristis\\_Phyllanthus\\_amarus\\_and\\_Cymbopogon\\_citratus\\_used\\_in\\_the\\_Traditional\\_Treatment\\_of\\_Typhoid\\_against\\_Salmonella\\_typhimurium/links/5f69b013299bf1b53ee99905/Efficacy-of-Nyctanthus-arbour-tristis-Phyllanthus-amarus-and-Cymbopogon-citratus-used-in-the-Traditional-Treatment-of-Typhoid-against-Salmonella-typhimurium.pdf](https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/344336903_Efficacy_of_Nyctanthus_arbour-tristis_Phyllanthus_amarus_and_Cymbopogon_citratus_used_in_the_Traditional_Treatment_of_Typhoid_against_Salmonella_typhimurium/links/5f69b013299bf1b53ee99905/Efficacy-of-Nyctanthus-arbour-tristis-Phyllanthus-amarus-and-Cymbopogon-citratus-used-in-the-Traditional-Treatment-of-Typhoid-against-Salmonella-typhimurium.pdf)

*Medicinal plants are geared toward the development of new antibiotics and the use of medicinal plants in the treatment of typhoid fever. Typhoid fever is a bacterial infection caused by ...*

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**Jointly Organized by IEEE Bangladesh Section and IEEE Bhubaneswar Subsection Bhubaneswar, India 26–27 Dec, 2020**

AHMZ Alam, ABMA Hossain, AB Sayeed, A Chatterjee, ... (2020)

ieeexplore.ieee.org

<https://ieeexplore.ieee.org/abstract/document/9397946/>

... Centurion University of Technology & Management, Odisha Debasis Gountia ... Centurion University of Technology & Management, Odisha Manohar Mishra SOA University ...

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**Modelling and Simulation of Solar Tree for Domestic Lightning Purpose**

DD Behera

researchgate.net

[https://www.researchgate.net/profile/Debashree-Behera/publication/344451642\\_Modelling\\_and\\_Simulation\\_of\\_Solar\\_Tree\\_for\\_Domestic\\_Lightning\\_Purpose/links/5f7709a292851c14bca7c1ee/Modelling-and-Simulation-of-Solar-Tree-for-Domestic-Lightning-Purpose.pdf](https://www.researchgate.net/profile/Debashree-Behera/publication/344451642_Modelling_and_Simulation_of_Solar_Tree_for_Domestic_Lightning_Purpose/links/5f7709a292851c14bca7c1ee/Modelling-and-Simulation-of-Solar-Tree-for-Domestic-Lightning-Purpose.pdf)

*The present research aims for modelling and simulation of solar tree which is installed in a pole mounting structure. Solar tree is an alternative method to flat type of roof mounting ...*

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**THEMATICAL STUDY OF KARGIL WAR AND INDO-CHINA WAR**

SK Rath, B Mallik (2020)

International Journal of Modern ..., modern-journals.com

<http://modern-journals.com/index.php/ijma/article/download/201/150>

... I Doctoral Candidate, Dept of Mathematics, Centurion University of Technology and

Management, Odisha, India 2Faculty, Centurion University of Technology and Management, Odisha...

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### **Millet: Processing and Utilization**

S Kumar (2020)

International Journal of Modern Agriculture, modern-journals.com

<http://modern-journals.com/index.php/ijma/article/download/229/177>

... 1 Centurion University of Technology and Management, Paralakhemundi, Odisha-761211 ...  
Centurion University of Technology and Management, Paralakhemundi, Odisha-761211 ...

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### **INVESTIGATIONS OF DRILLING INDUCED DELAMINATION DAMAGE ON BAMBOO/JUTE FIBER COMPOSITES**

AL Naidu, PSVR Rao

jrmat.com

<https://www.jrmat.com/upload/-03V11I220.pdf>

*Composite materials are low weight, remarkable solid and relatively economical. Now these materials are being used for several automotive applications. It is challenging to machine ...*

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### **Efficiency of Information and Communication Technology (ICT) tools and their relationship with factors accessing Agricultural information**

S Modak

researchgate.net

[https://www.researchgate.net/profile/Satarupa-Modak/publication/349521279\\_Efficiency\\_of\\_Information\\_and\\_Communication\\_Technology\\_ICT\\_tools\\_and\\_their\\_relationship\\_with\\_factors\\_accessing\\_Agricultural\\_information/links/6034ccb64585158939c2ce5e/Efficiency-of-Information-and-Communication-Technology-ICT-tools-and-their-relationship-with-factors-accessing-Agricultural-information.pdf](https://www.researchgate.net/profile/Satarupa-Modak/publication/349521279_Efficiency_of_Information_and_Communication_Technology_ICT_tools_and_their_relationship_with_factors_accessing_Agricultural_information/links/6034ccb64585158939c2ce5e/Efficiency-of-Information-and-Communication-Technology-ICT-tools-and-their-relationship-with-factors-accessing-Agricultural-information.pdf)

*Information and communication technology (ICT) are an emerging field for the enhancement and development of the agriculture. ICT tools are the very useful for the dissemination of ...*

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### **Manihot esculenta: An Asset for a Better Tomorrow**

R Mahapatra, R Parida, D Saha (2020)

Biotica Research Today, bioticainternational.com

<https://bioticainternational.com/ojs/index.php/biorestoday/article/view/350>

*Cassava is a tuberous root belongs to the family Euphorbiaceae in the tropics. A staple food crop that is heat and drought resistant, rich in carbohydrates also contains vitamin C, beta-...*

-----

### **Smart Irrigation for Food Security and Agricultural Sustainability**

S Pine



researchgate.net

[https://www.researchgate.net/profile/Sagar-Maitra/publication/342109279\\_Smart\\_Irrigation\\_for\\_Food\\_Security\\_and\\_Agricultural\\_Sustainability/links/5ee27026a6fdcc73be711762/Smart-Irrigation-for-Food-Security-and-Agricultural-Sustainability.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/342109279_Smart_Irrigation_for_Food_Security_and_Agricultural_Sustainability/links/5ee27026a6fdcc73be711762/Smart-Irrigation-for-Food-Security-and-Agricultural-Sustainability.pdf)

*Water shortage is a very common problem in the world as well as in India. Agriculture accounts for a considerable quantity of water in the form of irrigation. With continuous growth of the ...*

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### **NEW RP-HPLC METHOD FOR THE SIMULTANEOUS DETERMINATION OF OMEPRAZOLE AND ASPIRIN IN BULK AND TABLET DOSAGE FORM**

VA Kumar, SK Raul, GK Padhy (2020)

Research Journal of Pharmacy and ..., academia.edu

<https://www.academia.edu/download/76609079/article-5-gopal-1.pdf>

*A reverse phase HPLC method was successfully developed and validated for concurrent assessment of omeprazole and aspirin for bulk and pharmaceutical formulation. The method ...*

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### **Estimation of Binding Affinity of Selected Nutmeg Phytochemicals with Human hypocretin-2/Orexin-B by In Silico Molecular Docking to Evaluate Their Inhibitory ...**

R Mallik (2020)

International Journal of Modern Agriculture, modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/download/226/174>

*... 1 Centurion University of Technology and Management, Odisha, India ... Centurion University of Technology and Management, Odisha, India ...*

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### **Analysis of Blood Images using Advanced Techniques**

CHN Raju, GSN Raju

shabdbooks.com

<http://shabdbooks.com/gallery/177-july2020.pdf>

*It is well known that blood samples are analyzed using different edge detection techniques like Canny, Sobel, Prewitt, Robert and Laplacian of Gaussian (LoG) etc., on the blood sample ...*

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### **Marketing Models for Solar Products in Rural Areas of Odisha**

SS Das

researchgate.net

[https://www.researchgate.net/profile/Shiv-Das/publication/344401921\\_Marketing\\_Models\\_for\\_Solar\\_Products\\_in\\_Rural\\_Areas\\_of\\_Odisha/links/5f719e2792851c14bc9ad408/Marketing-Models-for-Solar-Products-in-Rural-Areas-of-Odisha.pdf](https://www.researchgate.net/profile/Shiv-Das/publication/344401921_Marketing_Models_for_Solar_Products_in_Rural_Areas_of_Odisha/links/5f719e2792851c14bc9ad408/Marketing-Models-for-Solar-Products-in-Rural-Areas-of-Odisha.pdf)

*A survey has been undertaken in some parts of South Odisha in particular where there was a prospect of marketing of solar lights in particular. This paper consist of two sections. The ...*

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### **Physical Infrastructure Amenities Provided by Municipal Corporations**

SK Rao (2020)

International Journal of Modern Agriculture, modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/download/222/170>

... I Centurion University of Technology & Management, Odisha, India. ... Centurion University of Technology & Management, Odisha, India. ...

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### **Renewable Energy in India: A Snapshot**

SS Das

researchgate.net

[https://www.researchgate.net/profile/Shiv-Das/publication/344401758\\_Renewable\\_Energy\\_in\\_India\\_A\\_Snapshot/links/5f719dac458515b7cf5412a2/Renewable-Energy-in-India-A-Snapshot.pdf](https://www.researchgate.net/profile/Shiv-Das/publication/344401758_Renewable_Energy_in_India_A_Snapshot/links/5f719dac458515b7cf5412a2/Renewable-Energy-in-India-A-Snapshot.pdf)

*Today energy in the form of electricity has become an important dimension in country's economic growth. Every year 8 billion metric tones of carbon goes into our atmosphere, out of*

...

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### **ANALYSIS OF BLOOD SAMPLE IMAGES**

CHN RAJU, GSN RAJU

ijaema.com

<http://www.ijaema.com/gallery/54-ijaema-september-4558.pdf>

*ABSTRACT Analysis of the image of blood cells by using image processing is both more precise and effective in terms of cost and time. In the field of RBC counting, research work is ...*

-----

### **Computational Study of Selected Phytochemicals from Nutmeg Extracts for Their Binding Affinity with Obesity Related Enzyme Retinol Binding Protein (IGGL)**

R Mallik (2020)

International Journal of Modern Agriculture, modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/download/228/176>

*In silico screening of some phytochemical compounds of nutmeg (myristica fragrans) were performed against Retinol binding protein III (IGGL). This protein is associated with obesity. A*

...

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### **Rice Genome Editing through CRISPR/Cas9: Where are We?**

K Samantara, SR Mohapatra, ... (2020)

Biotica Research ..., bioticainternational.com

<https://www.bioticainternational.com/ojs/index.php/bioretoday/article/view/171>

*By application of various conventional, mutational and molecular breeding approaches considerable improvement and high productivity of Rice (Oryza sativa L.) have been gained. ...*

-----

**Molecular marker and its application in aquaculture: New opportunities and challenges**

C Haldar

faunajournal.com

<https://www.faunajournal.com/archives/2020/vol7issue2/PartA/7-2-3-178.pdf>

*Genetic variation in a species enhances the capability of an organism to adapt to changing environment and is necessary for the survival of the species. Genetic variation arises ...*

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**A Simple Architecture for Implementation of 8-point Discrete Cosine Transform**

P Mohapatra, SS Nayak (2020)

International Journal of Modern ..., modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/download/200/149>

*... I Research Scholar, Centurion University of Technology and Management, Odisha, India 2  
Professor in Physics, Centurion University of Technology and Management, Odisha, India ...*

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**Soil Nutrient Status of Different Farms of MS Swaminathan School of Agriculture,  
Gajapati District, Odisha, India**

R Garnayak

researchgate.net

[https://www.researchgate.net/profile/Rahul-Adhikary/publication/341398162\\_Soil\\_Nutrient\\_Status\\_of\\_Different\\_Farms\\_of\\_MS\\_Swaminathan\\_School\\_of\\_Agriculture\\_Gajapati\\_District\\_Odisha\\_India/links/5e3c57a6fdcc90d6756d8f/Soil-Nutrient-Status-of-Different-Farms-of-MS-Swaminathan-School-of-Agriculture-Gajapati-District-Odisha-India.pdf](https://www.researchgate.net/profile/Rahul-Adhikary/publication/341398162_Soil_Nutrient_Status_of_Different_Farms_of_MS_Swaminathan_School_of_Agriculture_Gajapati_District_Odisha_India/links/5e3c57a6fdcc90d6756d8f/Soil-Nutrient-Status-of-Different-Farms-of-MS-Swaminathan-School-of-Agriculture-Gajapati-District-Odisha-India.pdf)

*The present study was conducted during the year 2018-19 at Department of Soil Science and Agricultural Chemistry, MS Swaminathan School of Agriculture, Gajapati, Odisha with aim ...*

-----

**Effect of irrigation regimes and staggered transplanting on growth and yield of summer rice (Oryza sativa L.) in South Odisha**

SK Duvvada, GC Mishra, S Maitra, ... (2020)

International Journal of ..., indianjournals.com

<https://www.indianjournals.com/ijor.aspx?target=ijor:ijaeb&volume=13&issue=2&article=013>

*A field experiment was conducted at Agriculture Research Farm, Bagusala, MS Swaminathan School of Agriculture, Centurion University of Technology and Management, ...*

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**Mathematical study of Kargil War and Indo-China war**

CPDJ Satpathy, SK Rath, B Mallik (2020)

PalArch's Journal of ..., papers.ssrn.com

[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3937856](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3937856)

*Nations want the people to support the war in times of conflict. The loss of innocent lives is an inevitable part of war. The focus of the paper is to mathematically understand and fit in the ...*

-----

**In silico Analysis: Blocking SARS-CoV 2 Main Protease Enzyme of COVID 19 by taking Allium sativum**

S Pradhan  
researchgate.net

[https://www.researchgate.net/profile/Somalika-Pradhan/publication/343039877\\_In\\_silico\\_Analysis\\_Blocking\\_SARS-CoV\\_2\\_Main\\_Protease\\_Enzyme\\_of\\_COVID\\_19\\_by\\_taking\\_Allium\\_sativum/links/5f1291aba6fdcc3ed7120ae9/In-silico-Analysis-Blocking-SARS-CoV-2-Main-Protease-Enzyme-of-COVID-19-by-taking-Allium-sativum.pdf](https://www.researchgate.net/profile/Somalika-Pradhan/publication/343039877_In_silico_Analysis_Blocking_SARS-CoV_2_Main_Protease_Enzyme_of_COVID_19_by_taking_Allium_sativum/links/5f1291aba6fdcc3ed7120ae9/In-silico-Analysis-Blocking-SARS-CoV-2-Main-Protease-Enzyme-of-COVID-19-by-taking-Allium-sativum.pdf)

*Novel coronavirus 2019 disease was first reported in china, now it has significantly affected the whole world and this ongoing epidemic affecting millions of people every day. It is a ...*

-----

**Design and Analysis of Seat Valence using 3D Experience**

AM Gurram, SS Nayak, R Dontikurti  
jmess.org

<http://www.jmess.org/wp-content/uploads/2021/04/JMESSP13420739.pdf>

*The main objective of the project is to improve the quality & flow of plastic injection mold design. In this project, an attempt has been made to design & analyze the plastic part to have all*

...

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**In silico Screening of Myristicin, Elemicin, Isoelemicin and Malalabaricone C for their activity towards obesity related enzyme 17 $\beta$ -hydroxysteroid ...**

R Mallik (2020)  
International Journal of Modern Agriculture, modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/download/227/175>

*Screening of some of the compounds found in nutmeg extract Myristicin, Elemicin, Isoelemicin and Malalabaricone C against a protein target 1BHS associated with type 2 diabetes ...*

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**Effect of Tetmeth Bisphen Carbonate and Ethylene Isophthalate blend on Steel Bridge Girder**

C Sudheer, GA Manohar  
shabdbooks.com

<http://shabdbooks.com/gallery/429-june2020.pdf>

*A blend is a mixture of more than one component. The density and mechanical properties obtained for different compositions of the Tetmeth Bisphen Carbonate (TBiC) and Ethylene ...*

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**A COMPARATIVE ANALYSIS OF FINANCIAL PERFORMANCE OF HDFC BANK AND ICICI BANK THROUGH CAMEL APPROACH**

S Pattanaik, PK Patjoshi

researchgate.net

[https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354381643\\_A\\_COMPARATIVE\\_ANALYSIS\\_OF\\_FINANCIAL\\_PERFORMANCE\\_OF\\_HDFC\\_BANK\\_AND\\_ICICI\\_BANK\\_THROUGH\\_CAMEL\\_APPROACH/links/6135f6ba38818c2eaf85dc7d/A-COMPARATIVE-ANALYSIS-OF-FINANCIAL-PERFORMANCE-OF-HDFC-BANK-AND-ICICI-BANK-THROUGH-CAMEL-APPROACH.pdf](https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354381643_A_COMPARATIVE_ANALYSIS_OF_FINANCIAL_PERFORMANCE_OF_HDFC_BANK_AND_ICICI_BANK_THROUGH_CAMEL_APPROACH/links/6135f6ba38818c2eaf85dc7d/A-COMPARATIVE-ANALYSIS-OF-FINANCIAL-PERFORMANCE-OF-HDFC-BANK-AND-ICICI-BANK-THROUGH-CAMEL-APPROACH.pdf)

... *Sibaprasanna Pattanaik Centurion University of Technology and Management, Odisha, India*  
*Pramod Kumar Patjoshi Centurion University of Technology and Management, Odisha, ...*

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**EVALUATION OF ANTIFUNGAL ACTIVITY OF PHYTOCHEMICALS SCREENED FROM OREGANUM VULGARE AGAINST VULVO-VAGINAL CANDIDIASIS ...**

M Tripathy, A Mohapatra, P Sahoo, ... (2020)

International Journal of ..., modern-journals.com

<http://modern-journals.com/index.php/ijma/article/download/195/146>

... *1,2,3,4 Centurion University of Technology and Management, Odisha, India ... The authors are thankful to Senior Management Team of Centurion University of Technology and ...*

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**Emission Analysis of Diesel Engine by Cooking Oil Waste as Part Substitute of Fuel**

MR Padhi, SP Mishra

researchgate.net

[https://www.researchgate.net/profile/Siba-Mishra/publication/352487725\\_Emission\\_Analysis\\_of\\_Diesel\\_Engine\\_by\\_Cooking\\_Oil\\_Waste\\_as\\_Part\\_Substitute\\_of\\_Fuel/links/60cb5be1458515dc178b4d44/Emission-Analysis-of-Diesel-Engine-by-Cooking-Oil-Waste-as-Part-Substitute-of-Fuel.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/352487725_Emission_Analysis_of_Diesel_Engine_by_Cooking_Oil_Waste_as_Part_Substitute_of_Fuel/links/60cb5be1458515dc178b4d44/Emission-Analysis-of-Diesel-Engine-by-Cooking-Oil-Waste-as-Part-Substitute-of-Fuel.pdf)

... *The function of the exhaust gas analyzer and the variable compression rig from Centurion University and Technology and Management has been used to examine the ...*

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**Impact of phosphorus and sulphur on the growth and productivity of green gram (Vigna radiata)**

TS SAILASUTA SAHU, S MAITRA, R ADHIKARY, ...

researchgate.net

[https://www.researchgate.net/profile/Sagar-Maitra/publication/357333505\\_Impact\\_of\\_phosphorus\\_and\\_sulphur\\_on\\_the\\_growth\\_and\\_productivity\\_of\\_green\\_gram\\_Vigna\\_radiata/links/61c85c20b8305f7c4b009e1c/Impact-of-phosphorus-and-sulphur-on-the-growth-and-productivity-of-green-gram-Vigna-radiata.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/357333505_Impact_of_phosphorus_and_sulphur_on_the_growth_and_productivity_of_green_gram_Vigna_radiata/links/61c85c20b8305f7c4b009e1c/Impact-of-phosphorus-and-sulphur-on-the-growth-and-productivity-of-green-gram-Vigna-radiata.pdf)

... *farm of Centurion University of Technology and Management. A split-plot design was considered for the experiment with three replication. The treatments were consisted of four levels*

of ...

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**Status of Food Grain Crops, Constraints and Measures for Higher Production in Southern Odisha, India**

SP Nanda, S Borkataki, MD Reddy (2020)

Int. J. Curr. Microbiol. App. Sci

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**Climate change crash on fruit crops and management approaches**

A Roy, M Viswanath, S Chatarjee, A Biswas (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue6S/PartE/S-10-6-6-468.pdf>

*Global warming and climate change is the greatest apprehension of mankind in 21st century. Fruit trees, as perennial in nature have less adaptability to climatic change. The ...*

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**Development of Accelerated Soaking Method for Mustard using Microwave-Assisted Heating**

G Behera, M Behera, S Negi, G Challan (2021)

phytopharmajournal.com

[http://www.phytopharmajournal.com/Vol10\\_Issue4\\_07.pdf](http://www.phytopharmajournal.com/Vol10_Issue4_07.pdf)

*Mustard seeds are generally undergone the soaking process before use in any food application. But soaking mustard in water takes lots of time and energy. Therefore, the present ...*

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**PRACTITIONERS PERSPECTIVES ON VISION THERAPY DEVICES**

M Koduri, L Gella, S Gunaganti, LR Bhardwaj

irjmets.com

[https://www.irjmets.com/uploadedfiles/paper/volume\\_3/issue\\_12\\_december\\_2021/17893/final/final\\_irjmets1640353048.pdf](https://www.irjmets.com/uploadedfiles/paper/volume_3/issue_12_december_2021/17893/final/final_irjmets1640353048.pdf)

*Asthenopia, blur, and diplopia are the common complaints associated with most vision anomalies. Vision therapy (VT) is the only means these symptoms are alleviated. With the ...*

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**An Overview on Fungal Nail Disease**

MJ Panda, MC Parida

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**COMPARATIVE ANALYSIS OF AGE AND GROWTH OF FRESH WATER FISHES (LABEO ROHITA, CIRRHINU MRIGALA AND PUNTIUS TICTO)**

S Panda, S Mohanty, PK Prusty

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**Novel Approach to Caffeine Extraction Recrystallization and Findings using Liquid-Liquid Method**

S Pradhan

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**PLANTS OF GANDHAMARDAN IN MATERNAL CARE: AN ETHNOBOTANICAL APPROACH**

S DAS, S MOHATY, S NAYAK, ... (2021)

Asian J Pharm Clin Res, researchgate.net

[https://www.researchgate.net/profile/Kalpita-Bhatta/publication/360513989\\_PLANTS\\_OF\\_GANDHAMARDAN\\_IN\\_MATERNAL\\_CARE\\_AN\\_ETHNOBOTANICAL\\_APPROACH/links/627b4a7f973bbb29cc744593/PLANTS-OF-GANDHAMARDAN-IN-MATERNAL-CARE-AN-ETHNOBOTANICAL-APPROACH.pdf](https://www.researchgate.net/profile/Kalpita-Bhatta/publication/360513989_PLANTS_OF_GANDHAMARDAN_IN_MATERNAL_CARE_AN_ETHNOBOTANICAL_APPROACH/links/627b4a7f973bbb29cc744593/PLANTS-OF-GANDHAMARDAN-IN-MATERNAL-CARE-AN-ETHNOBOTANICAL-APPROACH.pdf)

*Objective: The traditional use of plants in herbal medicine has paved the way for drug discovery. With a view of this, the present study was carried out in Gandhamardan hills which are a ...*

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**UTILIZATION OF INDUSTRIAL WASTE (FLY ASH) AND COW DUNG PROPORTIONS ON THE GROWTH ACTIVITY OF EARTHWORM (*Eudrilus eugeniae*) DURING ...**

T PRADHAN, S SATAPATHY (2020)

UTTAR PRADESH JOURNAL OF ..., mbimph.com

<http://www.mbimph.com/index.php/UPJOZ/article/view/1535>

*This paper presents investigation on the process of vermiculture by the action of *Eudrillus eugeniae* with population growth with the utilization of fly ash and cow dung during ...*

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**Anatomical Study of Six *Ocimum* Species: The Valuable Method Used in Indian Systems of Medicines (ISM)**

S Parida, BK Mohapatra, G Mahalik

International Journal of Ayurvedic ..., academia.edu

<https://www.academia.edu/download/69092159/579.pdf>

*... The experiment was conducted in the experimental laboratory of Botany Department of Centurion University of technology and management, Bhubaneswar Campus, Odisha. Stems of ...*

...

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**Global warming and its effect on agriculture**

C Padhy, KP Pattanayak (2020)

researchgate.net

[https://www.researchgate.net/profile/Chitrasena-Padhy/publication/344389487\\_Global\\_warming\\_and\\_its\\_effect\\_on\\_agriculture/links/5f6f6630458515b7cf50d245/Global-warming-and-its-effect](https://www.researchgate.net/profile/Chitrasena-Padhy/publication/344389487_Global_warming_and_its_effect_on_agriculture/links/5f6f6630458515b7cf50d245/Global-warming-and-its-effect)

[-on-agriculture.pdf](#)

*There are some terrible consequences on the environment due to climate change. Among the ill effects of climate change are melting ice caps, rise in sea levels, erratic weather and ...*

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**PREDICTION OF ANTIFUNGAL ACTIVITY OF OCIMUM SANCTUM TARGETING VULVO-VAGINAL CANDIDIASIS USING COMPUTATIONAL DOCKING ...**

M Tripathy, P Sahoo, S Chhotaray, ... (2020)

International Journal of ..., modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/download/194/145>

*Phytochemicals are non-nutritive plant-based compounds which are known to have therapeutic properties. Ocimum sanctum is popular due to the presence of many medicinal qualities ...*

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**Studies on Interspersed Nutrient Management on Uptake of Nutrients Seeds, Stover and Soil Biota Status of Fennel**

RS Kalasare, DJ Gaikwad, PP Gaikwad, S Maitra, ...

researchgate.net

[https://www.researchgate.net/profile/Ashirbachan-Mahapatra-2/publication/355845359\\_Studies\\_on\\_Interspersed\\_Nutrient\\_Management\\_on\\_Uptake\\_of\\_Nutrients\\_Seeds\\_Stover\\_and\\_Soil\\_Biota\\_Status\\_of\\_Fennel/links/61811b23eef53e51e11aff41/Studies-on-Interspersed-Nutrient-Management-on-Uptake-of-Nutrients-Seeds-Stover-and-Soil-Biota-Status-of-Fennel.pdf](https://www.researchgate.net/profile/Ashirbachan-Mahapatra-2/publication/355845359_Studies_on_Interspersed_Nutrient_Management_on_Uptake_of_Nutrients_Seeds_Stover_and_Soil_Biota_Status_of_Fennel/links/61811b23eef53e51e11aff41/Studies-on-Interspersed-Nutrient-Management-on-Uptake-of-Nutrients-Seeds-Stover-and-Soil-Biota-Status-of-Fennel.pdf)

*Crop nutrient management is always a tough task for farmers as most recommendations made for crops are not actually based on all the given localities. Proper and balanced nutrients ...*

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**Integrated Plant Protection Measures and Micronutrient Foliar Spray on Growth and Yield of Green Gram (Vigna radiata L.)**

S Parida

researchgate.net

[https://www.researchgate.net/profile/Sagarika-Parida/publication/341909697\\_Integrated\\_Plant\\_Protection\\_Measures\\_and\\_Micronutrient\\_Foliar\\_Spray\\_on\\_Growth\\_and\\_Yield\\_of\\_Green\\_Gram\\_Vigna\\_radiata\\_L\\_Address\\_for\\_Correspondence/links/5f22d686a6fdcccc439964f5/Integrated-Plant-Protection-Measures-and-Micronutrient-Foliar-Spray-on-Growth-and-Yield-of-Green-Gram-Vigna-radiata-L-Address-for-Correspondence.pdf](https://www.researchgate.net/profile/Sagarika-Parida/publication/341909697_Integrated_Plant_Protection_Measures_and_Micronutrient_Foliar_Spray_on_Growth_and_Yield_of_Green_Gram_Vigna_radiata_L_Address_for_Correspondence/links/5f22d686a6fdcccc439964f5/Integrated-Plant-Protection-Measures-and-Micronutrient-Foliar-Spray-on-Growth-and-Yield-of-Green-Gram-Vigna-radiata-L-Address-for-Correspondence.pdf)

*The productivity of green gram (Vigna radiata L., family Fabaceae) is mainly dependent on high yielding varieties with desired quality attributes, nutrient received, other favorable ...*

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**Functional Food and Diseases**

P Bhadra, P Banerjee, A Deb (2021)

books.google.com

<https://books.google.com/books?hl=en&lr=&id=ah4-EAAAQBAJ&oi=fnd&pg=PA237&dq=cen-turion+university&ots=yR57cgRfIn&sig=8B6pTpMcPNugvvcNiBIoE3CsBF4>



*The concept originated in Japan in the 1980s when government agencies started approving foods with proven benefits in an effort to better the health of the general population. ...*

-----

### **Physiognomies and Strength Investigation of Concrete Part Blended by Wood Ash**

SS Dash, SP Mishra, S Panda

researchgate.net

[https://www.researchgate.net/profile/Siba-Mishra/publication/353350299\\_Physiognomies\\_and\\_Strength\\_Investigation\\_of\\_Concrete\\_Part\\_Blended\\_by\\_Wood\\_Ash/links/60f6fa6f0859317dbdf8ce5d/Physiognomies-and-Strength-Investigation-of-Concrete-Part-Blended-by-Wood-Ash.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/353350299_Physiognomies_and_Strength_Investigation_of_Concrete_Part_Blended_by_Wood_Ash/links/60f6fa6f0859317dbdf8ce5d/Physiognomies-and-Strength-Investigation-of-Concrete-Part-Blended-by-Wood-Ash.pdf)

*... The chemical constituent is found by using XRF spectrometer of the Centurion University of Technology and management laboratory, and the ingredients of WA is found as: (Table 1) ...*

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### **Measurement of Volatility Pattern of the Banking Companies in Indian Stock Market**

PK Patjoshi

researchgate.net

[https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354402557\\_Measurement\\_of\\_Volatility\\_Pattern\\_of\\_the\\_Banking\\_Companies\\_in\\_Indian\\_Stock\\_Market/links/613719f22b40ec7d8bed6704/Measurement-of-Volatility-Pattern-of-the-Banking-Companies-in-Indian-Stock-Market.pdf](https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354402557_Measurement_of_Volatility_Pattern_of_the_Banking_Companies_in_Indian_Stock_Market/links/613719f22b40ec7d8bed6704/Measurement-of-Volatility-Pattern-of-the-Banking-Companies-in-Indian-Stock-Market.pdf)

*Stock market plays significant role of economy development of the country. Investors use to invest in various financial securities in the Stock market by expecting a high return in future. ...*

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### **A Review on Determination of Heavy Metals in the Sum Hospital Area of Bhubaneswar, Odisha: A Step towards Reducing Pollution**

G Mahalik

researchgate.net

[https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/341164278\\_A\\_Review\\_On\\_Determination\\_Of\\_Heavy\\_Metals\\_In\\_The\\_Sum\\_Hospital\\_Area\\_Of\\_Bhubaneswar\\_Odisha\\_A\\_Step\\_Towards\\_Reducing\\_Pollution/links/5f69a332a6fdcc00863434a8/A-Review-On-Determination-Of-Heavy-Metals-In-The-Sum-Hospital-Area-Of-Bhubaneswar-Odisha-A-Step-Towards-Reducing-Pollution.pdf](https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/341164278_A_Review_On_Determination_Of_Heavy_Metals_In_The_Sum_Hospital_Area_Of_Bhubaneswar_Odisha_A_Step_Towards_Reducing_Pollution/links/5f69a332a6fdcc00863434a8/A-Review-On-Determination-Of-Heavy-Metals-In-The-Sum-Hospital-Area-Of-Bhubaneswar-Odisha-A-Step-Towards-Reducing-Pollution.pdf)

*Pollution is defined as contamination of the environment due to human activities such as addition unwanted substances of air, land, water etc. Now a day there has been a significant ...*

-----

### **Effect of sex on biochemical, cytomorphometrical and haematological parameters of mallard duck, *Anas platyrhynchos* (Linnaeus, 1758)**

A Gayatri, R Subhashree, D Swayamprava, ... (2020)

Comparative Clinical ..., Springer

<https://doi.org/10.1007/s00580-019-03026-6>

*... The study revealed the effect of sex on biochemical, cytomorphometry and haematology of*

*blood of mallard duck (Anas platyrhynchos) reared in the campus of Centurion University of ...*

-----

**Effect of Phosphorus on Cowpea (Vigna unguiculata L. Walp): A review**

Y Sudharani, PP Mohapatra, M Pattanaik, ... (2020)

Journal of ..., phytojournal.com

<https://www.phytojournal.com/archives/2020/vol9issue4/PartF/9-4-65-707.pdf>

*Genotypes and phosphorus levels of other legume crops were also studied and included in the review. It has been seen that plant height of cowpea increased with application of 40 kg ...*

-----

**Indian Journal of Advances in Chemical Science**

MLN Acharyulu, PM Rao, ISR Koti (2020)

Indian Journal of Advances in ..., ijacskros.com

<https://www.ijacskros.com/9%20Volume%201%20Issue/DOI%2010.22607IJACS.2021.901007.pdf>

*Two simple and sensitive extractive visible spectrophotometric methods (A and B) were developed for the assay of eletriptan hydro bromide (EHB) in pure and pharmaceutical ...*

-----

**Experimental Study of Solar Dish Type of Solar Concentrator**

DD Behera

researchgate.net

[https://www.researchgate.net/profile/Debashree-Behera/publication/344451647\\_Experimental\\_Study\\_of\\_Solar\\_Dish\\_Type\\_of\\_Solar\\_Concentrator/links/5f770855a6fdcc008650367d/Experimental-Study-of-Solar-Dish-Type-of-Solar-Concentrator.pdf](https://www.researchgate.net/profile/Debashree-Behera/publication/344451647_Experimental_Study_of_Solar_Dish_Type_of_Solar_Concentrator/links/5f770855a6fdcc008650367d/Experimental-Study-of-Solar-Dish-Type-of-Solar-Concentrator.pdf)

*The aim of this research is to develop a solar dish type cooker for domestic cooking purpose in rural area where there is no access of electricity and to ensure the sustainable ...*

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**CAD/Analogue Systems**

O Ibrahim, R Hesham, A Soltan, GY Yen, SZM Naziri, ...

ieeexplore.ieee.org

<https://ieeexplore.ieee.org/abstract/document/9331774/>

*... Isa (Universiti Malaysia Perlis, Malaysia), Razaidi Hussin (Universiti Malaysia Perlis, Malaysia), Rizalafande Che Ismail (Universiti Malaysia Perlis & Albukhary International University, ...*

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**Effect of Sisal Nanoparticles on Single Cylinder Spark Ignition Engine Combustion**

GA Manohar, R Dontikurti, GI Priya, DN Rao

researchgate.net

[https://www.researchgate.net/profile/Arun-Gurram/publication/340129720\\_Effect\\_of\\_Sisal\\_Nanoparticles\\_on\\_Single\\_Cylinder\\_Spark\\_Ignition\\_Engine\\_Combustion/links/5f770855a6fdcc008650367d/Effect\\_of\\_Sisal\\_Nanoparticles\\_on\\_Single\\_Cylinder\\_Spark\\_Ignition\\_Engine\\_Combustion.pdf](https://www.researchgate.net/profile/Arun-Gurram/publication/340129720_Effect_of_Sisal_Nanoparticles_on_Single_Cylinder_Spark_Ignition_Engine_Combustion/links/5f770855a6fdcc008650367d/Effect_of_Sisal_Nanoparticles_on_Single_Cylinder_Spark_Ignition_Engine_Combustion.pdf)

[oparticles on Single Cylinder/links/5f2e9416a6fdcccc43b3c84e/Effect-of-Sisal-Nanoparticles-on-Single-Cylinder.pdf](https://www.thepharmajournal.com/archives/2021/vol10issue7/PartQ/10-7-114-440.pdf)

*Turbulence is an important parameter to be considered for effective combustion inside a cylinder. Heat transfer inside the cylinder affects the combustion process. Insufficient turbulence*

...

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### **Integrated nutrient management in sorghum: A review**

MN Varma, JB Palai  
thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue7/PartQ/10-7-114-440.pdf>

*Sorghum is major millet of India also coming under coarse cereal group. It is also used as fodder for the animals. Sorghum is a exhaustive crop and uptakes more nutrients from the soil.*

...

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### **SEASONAL VARIATION ON INNATE IMMUNE SYSTEM IN ROHU, LABEO ROHITA HAM.**

A Biswas, P Mali, S Swain, T Leya, G Kumar  
researchgate.net

[https://www.researchgate.net/profile/Prasenjit-Mali/publication/350107711\\_SEASONAL\\_VARIATION\\_ON\\_INNATE\\_IMMUNE\\_SYSTEM\\_IN\\_ROHU\\_LABEO\\_ROHITA\\_HAM/links/6051d4eba6fdccbfeae67650/SEASONAL-VARIATION-ON-INNATE-IMMUNE-SYSTEM-IN-ROHU-LABEO-ROHITA-HAM.pdf](https://www.researchgate.net/profile/Prasenjit-Mali/publication/350107711_SEASONAL_VARIATION_ON_INNATE_IMMUNE_SYSTEM_IN_ROHU_LABEO_ROHITA_HAM/links/6051d4eba6fdccbfeae67650/SEASONAL-VARIATION-ON-INNATE-IMMUNE-SYSTEM-IN-ROHU-LABEO-ROHITA-HAM.pdf)

*Immune competence and prevalence of disease are highly influenced by seasonal differences in humans and other vertebrates including fishes. Keeping this in mind this study was ...*

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### **Sustainable Development in Energy and Environment**

V Sivasubramanian, A Pugazhendhi, IG Moorthy (2020)  
Springer

<https://doi.org/10.1007/978-981-15-4638-9>

*The series Springer Proceedings in Energy covers a broad range of multidisciplinary subjects in those research fields closely related to present and future forms of energy as a resource ...*

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### **Stress factors in cotton cultivation and perception of the growers**

C Padhy, PS Raju, R Kumar (2021)  
thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue3/PartE/10-3-24-618.pdf>

*Cotton cultivation provides the prime source of sustenance for the livelihood of farmers in tribal region of Odisha. In Gajapati and Rayagada districts of Odisha, a study was undertaken ...*

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### **Detection of Cut Transition in Videos Using Optical Flow and Clustering**

N Dash, SK Nayak, J Majumdar (2021)

2021 Asian Conference on ..., [ieeexplore.ieee.org](https://ieeexplore.ieee.org)

<https://ieeexplore.ieee.org/abstract/document/9544553/>

... DN Rao, Vice President, CUTM for giving constant encouragement and support to carry out the research at Centurion University of Technology and Management (CUTM), Odisha. The ...

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### **A Review on Diabetic Foods and UTI**

P Bhadra

[researchgate.net](https://www.researchgate.net)

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342216368\\_A\\_Review\\_on\\_Diabetic\\_Foods\\_and\\_UTI/links/5f6479a792851c14bc840c2c/A-Review-on-Diabetic-Foods-and-UTI.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342216368_A_Review_on_Diabetic_Foods_and_UTI/links/5f6479a792851c14bc840c2c/A-Review-on-Diabetic-Foods-and-UTI.pdf)

*Urinary Tract Infections (UTIs) are second most common bacterial infection after the respiratory tract infections. It is well noted that women are majorly affected by the infection because ...*

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### **Argemone mexicana: A Wonder Weed of Sustainable Bio-additive for Diesel Engines**

SB Mohapatra, S Chakraborty (2020)

[researchgate.net](https://www.researchgate.net)

[https://www.researchgate.net/profile/Shubham-Chakraborty-4/publication/342601562\\_Argemone\\_Mexicana\\_A\\_Wonder\\_Weed\\_of\\_Sustainable\\_Bio-additive\\_for\\_Diesel\\_Engines/links/5efcbc18299bf18816f635d4/Argemone-Mexicana-A-Wonder-Weed-of-Sustainable-Bio-additive-for-Diesel-Engines.pdf](https://www.researchgate.net/profile/Shubham-Chakraborty-4/publication/342601562_Argemone_Mexicana_A_Wonder_Weed_of_Sustainable_Bio-additive_for_Diesel_Engines/links/5efcbc18299bf18816f635d4/Argemone-Mexicana-A-Wonder-Weed-of-Sustainable-Bio-additive-for-Diesel-Engines.pdf)

... Das, founder of science foundation for tribal and rural development, Odisha and Centurion University, Odisha for providing laboratory facilities to carry out this research work, appended

...

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### **CURRENCY EXCHANGE RATE PREDICTION USING MACHINE LEARNING TECHNIQUES**

S Das, M Siddique, M Siddique

[modern-journals.com](https://modern-journals.com)

<http://modern-journals.com/index.php/ijma/article/download/197/148>

*The financial status of any nation measured on different parameters, the value of foreign currency is one of the major factors. The economical condition of any nation signifies from its ...*

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### **Chapter-7 Effects of Allelochemicals Released by *Jatropha gossypifolia* L. on Morphology of *Cicer arietinum* L.**

A Panda, P Jali, G Mahalik (2020)

AGRONOMY, [researchgate.net](https://www.researchgate.net)

[https://www.researchgate.net/profile/Raktim-Bhagawati/publication/348003824\\_FARM\\_WASTE\\_MANAGEMENT/links/5feca17f299bf140885dd609/FARM-WASTE-MANAGEMENT.pdf#page=131](https://www.researchgate.net/profile/Raktim-Bhagawati/publication/348003824_FARM_WASTE_MANAGEMENT/links/5feca17f299bf140885dd609/FARM-WASTE-MANAGEMENT.pdf#page=131)

... *The weeds *Jatropha gossypifolia* were collected from Centurion University of Technology and Management, Odisha. These are widely available in the month of November. Plant leaves ...*

-----

### **Assessing Sensitivity Analysis of Weather Parameters on Reference Evapotranspiration (ET<sub>0</sub>) Calculated using FAO Penman-Monteith Equation**

DT Santosh

researchgate.net

[https://www.researchgate.net/profile/Sagar-Maitra/publication/357569961\\_Assessing\\_Sensitivity\\_Analysis\\_of\\_Weather\\_Parameters\\_on\\_Reference\\_Evapotranspiration\\_ET0\\_Calculated\\_using\\_FAO\\_Penman-Monteith\\_Equation/links/61d4640ab6b5667157c76b5a/Assessing-Sensitivity-Analysis-of-Weather-Parameters-on-Reference-Evapotranspiration-ET0-Calculated-using-FAO-Penman-Monteith-Equation.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/357569961_Assessing_Sensitivity_Analysis_of_Weather_Parameters_on_Reference_Evapotranspiration_ET0_Calculated_using_FAO_Penman-Monteith_Equation/links/61d4640ab6b5667157c76b5a/Assessing-Sensitivity-Analysis-of-Weather-Parameters-on-Reference-Evapotranspiration-ET0-Calculated-using-FAO-Penman-Monteith-Equation.pdf)

*The sensitivity of reference evapotranspiration calculated using FAO-56 Penman Monteith model to climate variables in Gajapati District of Odisha has been investigated. Reference ...*

-----

### **Webometric Analysis of Odisha Universities' Websites through Google Search Engine**

A Karadia, J Sahoo

researchgate.net

[https://www.researchgate.net/profile/Alekh-Karadia/publication/354493140\\_Webometric\\_Analysis\\_of\\_Odisha\\_Universities'\\_Websites\\_through\\_Google\\_Search\\_Engine/links/613ac8d12712181801ce5108/Webometric-Analysis-of-Odisha-Universities-Websites-through-Google-Search-Engine.pdf](https://www.researchgate.net/profile/Alekh-Karadia/publication/354493140_Webometric_Analysis_of_Odisha_Universities'_Websites_through_Google_Search_Engine/links/613ac8d12712181801ce5108/Webometric-Analysis-of-Odisha-Universities-Websites-through-Google-Search-Engine.pdf)

... , and the National Law University search engines did not provide information for our logical expression. Hence, it is recommended that the universities rectify the problem. ...

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### **Hyper-Parameters Tuning for Hyperspectral Image Classification**

SS Chava, SLT Gunnapaneni, ... (2021)

2021 6th International ..., ieeexplore.ieee.org

<https://ieeexplore.ieee.org/abstract/document/9609398/>

... *In this paper, three datasets namely such as Botswana, Pavia University Scene, Kennedy Space Center having spectral band of 145,103 and 176 respectively have been taken. ...*

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### **Skill Training in Retail and Hospitality; A Successful Model to Create Employment for Youth in Service Sector**

PK Mohanty

researchgate.net

[https://www.researchgate.net/profile/Prasanta-Mohanty-2/publication/347984322\\_Skill\\_Training](https://www.researchgate.net/profile/Prasanta-Mohanty-2/publication/347984322_Skill_Training)

[in Retail and Hospitality A Successful Model to Create Employment for Youth in Service Sector/links/5feb596e299bf1408859ba06/Skill-Training-in-Retail-and-Hospitality-A-Successful-Model-to-Create-Employment-for-Youth-in-Service-Sector.pdf](#)

... *GTET also has tie-up with Centurion University to offer BBA in Retail and Hospitality to these training post placements that create path for them to get promotion and higher growth.* ...

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### **Identification of superior genotypes of Chalta (*Dillenia indica*) through germplasm characterization**

A Tamang, VS Kuchi, BC Das, ... (2020)  
Journal of Pharmacognosy ..., phytojournal.com

<https://www.phytojournal.com/archives/2020/vol9issue3/PartZ/9-3-206-923.pdf>

*Dillenia indica belongs to genus Dillenia among 60 other species. Total ten (10) numbers of Chalta plants were stratified from different agroclimatic zones of West Bengal depending on ...*

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### **Impact of Capital Structure on Corporate Performance of Software Companies in India**

PK Patjoshi  
researchgate.net

[https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354402458\\_Impact\\_of\\_Capital\\_Structure\\_on\\_Corporate\\_Performance\\_of\\_Software\\_Companies\\_in\\_India/links/6137177b0360302a00844316/Impact-of-Capital-Structure-on-Corporate-Performance-of-Software-Companies-in-India.pdf](https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354402458_Impact_of_Capital_Structure_on_Corporate_Performance_of_Software_Companies_in_India/links/6137177b0360302a00844316/Impact-of-Capital-Structure-on-Corporate-Performance-of-Software-Companies-in-India.pdf)

*Capital structure is connected to corporate financing from various groupings of long term sources which comprise both insider funds in addition to outsider funds. Capital structure is the ...*

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### **A Novel Method on Summarization of Video Using Local Ternary Pattern and Local Phase Quantization**

J Majumdar, SK Nayak (2021)  
2021 2nd International Conference ..., ieeexplore.ieee.org

<https://ieeexplore.ieee.org/abstract/document/9581941/>

... *DN Rao, Vice President, CUTM, Odisha for giving consistent encouragement and support to carry out the research at Centurion University of Technology and Management (CUTM), ...*

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### **Some plants and their parts used for worshipping Lord Jagannath**

U Mandal, G Mahalik  
researchgate.net

[https://www.researchgate.net/profile/Ushashee-Mandal/publication/353582180\\_Some\\_plants\\_and\\_their\\_parts\\_used\\_for\\_worshipping\\_Lord\\_Jagannath/links/610418980c2bfa282a0f4dff/Some-plants-and-their-parts-used-for-worshipping-Lord-Jagannath.pdf](https://www.researchgate.net/profile/Ushashee-Mandal/publication/353582180_Some_plants_and_their_parts_used_for_worshipping_Lord_Jagannath/links/610418980c2bfa282a0f4dff/Some-plants-and-their-parts-used-for-worshipping-Lord-Jagannath.pdf)

*Biological diversity is a phrase that refers to the tremendous diversity of human civilization. The two words that are bios and diversity which means life and variety. Since the immemorial ...*

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### **PERFORMANCE AND ANALYSIS OF MULTIPLE RENEWABLE SOURCES IN A STANDALONE MICROGRID.**

C Laxmi, MN Kumar, K Singh (2020)

Journal on Electrical ..., search.ebscohost.com

<http://search.ebscohost.com/login.aspx?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=09738835&AN=148608168&h=x3qYU1wKg0Jej1AUwedT47jrR9%2BZPwxOGF%2BMZsQDFwsU3Z6B10J4kcnWsoqGvhGs1luVy33rnXVP9z978cEMYg%3D%3D&crl=c>

*Several renewable sources are utilized with parallel operation with sharing of load depending on dynamic changes in the environmental parameters. Compared to other renewable ...*

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### **Heavy Metal Toxicity in Plants: Physiological and Molecular Adaptations**

T Aftab, KR Hakeem (2021)

books.google.com

<https://books.google.com/books?hl=en&lr=&id=haROEAAAQBAJ&oi=fnd&pg=PP1&dq=centurion+university&ots=uxaRqNJmgh&sig=0v3MbleF-F45KiCrhJFmgEvAm8k>

*... He is the recipient of several fellowships at both national and international levels; he has also served as the visiting scientist at Jinan University, Guangzhou, China. Currently, he is ...*

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### **Practical Manual Pharmaceutical Organic Chemistry-I**

CC Behera

courseware.cutm.ac.in

<http://courseware.cutm.ac.in/wp-content/uploads/2021/03/Practical-Manual-Pharmaceutical-Organic-Chemistry-I.pdf>

*Before outlining the general scheme, one or two points of practical importance should be noted.(a) Quantities of substance for tests. For most tests about 0.1 g solid or 0.1-0.2 mL (2-3 ...*

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### **A critical review on Integrated Nutrient Management (INM) in sweet corn**

S Purohit, G Mishra, KK Mohapatra, ... (2020)

... of Pharmacognosy and ..., researchgate.net

[https://www.researchgate.net/profile/Kiran-Kumar-Mohapatra-2/publication/342454053\\_A\\_critical\\_review\\_on\\_Integrated\\_Nutrient\\_Management\\_INM\\_in\\_sweet\\_corn/links/6093a50a299bf1ad8d7da8de/A-critical-review-on-Integrated-Nutrient-Management-INM-in-sweet-corn.pdf](https://www.researchgate.net/profile/Kiran-Kumar-Mohapatra-2/publication/342454053_A_critical_review_on_Integrated_Nutrient_Management_INM_in_sweet_corn/links/6093a50a299bf1ad8d7da8de/A-critical-review-on-Integrated-Nutrient-Management-INM-in-sweet-corn.pdf)

*The continuous use of inorganic fertilizers increases the cost of production, deteriorates soil health and pollutes the environment. Optimum use of organic manures like FYM, ...*

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### **Jasmonates and Salicylates Signaling in Plants**

T Aftab, M Yusuf (2021)  
Springer

<https://doi.org/10.1007/978-3-030-75805-9>

*Demand for agricultural crops and nutritional requirements continues to escalate in response to increasing population. Also, climate change exerts adverse effects on agricultural crop ...*

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### **In silico Analysis of the Cumin as Targeted Biopesticides**

P Bhadra  
researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674752\\_In\\_silico\\_Analysis\\_of\\_the\\_Cumin\\_as\\_Targeted\\_Biopesticides/links/5f7803aa92851c14bca9e80a/In-silico-Analysis-of-the-Cumin-as-Targeted-Biopesticides.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/342674752_In_silico_Analysis_of_the_Cumin_as_Targeted_Biopesticides/links/5f7803aa92851c14bca9e80a/In-silico-Analysis-of-the-Cumin-as-Targeted-Biopesticides.pdf)

*Ancient India is one of the pioneers of studies of plants as medicine, ie Ayurveda. In our social and economic life we hardly take care of our food we are taking. One such unique herb is ...*

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### **POTENTIAL MEDICINAL PLANTS USED AGAINST DIABETES MELLITUS: A REVIEW**

S Jethi, SK Mishra, KB Satapathy  
plantarchives.org

[http://plantarchives.org/20-1/2543-2550%20\(5991\).pdf](http://plantarchives.org/20-1/2543-2550%20(5991).pdf)

*... and research institutes including Centurion University of Technology and Management, Odisha, India. Various proceedings, scientific journal articles on medicinal plants, herbal ...*

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### **VARIABILITY STUDIES IN CUCUMBER (CUCUMIS SATIVUS L.)**

B Tripathy, P Tripathy, MS Sindhu, K Pradhan, ... (2020)  
Journal of Plant ..., jpds.co.in

<http://jpds.co.in/wp-content/uploads/2020/07/Vol.-126.pdf#page=2>

*It is believed that cucumber has been originated from India and is acknowledged that China is the secondary center of diversity. Despite being originated in the Indian sub-continent and ...*

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### **Life Automobile Service; A Skill Training to Drive the Future of Youth**

PK Mohanty  
researchgate.net

[https://www.researchgate.net/profile/Prasanta-Mohanty-2/publication/347984345\\_Life\\_Automobile\\_Service\\_A\\_Skill\\_Training\\_to\\_Drive\\_the\\_Future\\_of\\_Youth/links/5feb5c01299bf1408859ba3/Life-Automobile-Service-A-Skill-Training-to-Drive-the-Future-of-Youth.pdf](https://www.researchgate.net/profile/Prasanta-Mohanty-2/publication/347984345_Life_Automobile_Service_A_Skill_Training_to_Drive_the_Future_of_Youth/links/5feb5c01299bf1408859ba3/Life-Automobile-Service-A-Skill-Training-to-Drive-the-Future-of-Youth.pdf)

*India is the youngest country among the world population. The major challenge today is to develop workforce with employable skills, through vocational education and also higher ...*



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### **Diurnal abundance of different pollinators on Ricinus communis**

SB Nayak, Y Kumar, S Yadav, K Sankara (2020)  
researchgate.net

[https://www.researchgate.net/profile/Sankar-Kavadana/publication/348661911\\_Diurnal\\_abundance\\_of\\_different\\_pollinators\\_on\\_Ricinus\\_communis/links/6009ba7c92851c13fe2a7b24/Diurnal-abundance-of-different-pollinators-on-Ricinus-communis.pdf](https://www.researchgate.net/profile/Sankar-Kavadana/publication/348661911_Diurnal_abundance_of_different_pollinators_on_Ricinus_communis/links/6009ba7c92851c13fe2a7b24/Diurnal-abundance-of-different-pollinators-on-Ricinus-communis.pdf)

*Diurnal abundance of insect pollinators on R. communis flower at different fortnight intervals during flowering period were recorded. Total number of visitors abundance in between two ...*

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### **Rice husk and rice straw based materials for toxic metals and dyes removal: a comprehensive and critical review**

JK Sahoo, A Hota, C Singh, S Barik, ... (2021)  
International Journal ..., Taylor & Francis

<https://doi.org/10.1080/03067319.2021.2003349>

*This review investigated depth literature survey on the removal of various heavy metals and dyes contamination. The current study is a broad review of the different methods of ...*

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### **Comparative Analysis Of Classification Techniques Used In Machine Learning As Applied On A Three Phase Long Transmission Line System For Fault Prediction ...**

AK Sahoo (2021)  
Turkish Journal of Computer and Mathematics ..., turcomat.org

<https://www.turcomat.org/index.php/turkbilmat/article/view/3348>

*... The authors would like to thank Centurion University for providing necessary facilities for doing this research. The authors are grateful to their colleagues, research scholars, friends and ...*

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### **Comprehensive background on COVID-19 and predictions in Andhra Pradesh and Maharashtra**

PAS Dayal, GSN Raju  
shabdbooks.com

<http://shabdbooks.com/gallery/208-aug2020.pdf>

*Covid-19 created tremendous impact on entire human life. It resulted in huge changes in way of life. In order to contain its effect Government of India and Each State government have ...*

-----

### **A Review on Entrepreneurial Crisis Management during Coronavirus (Covid-19) Pandemic**

KP Pattanayak  
researchgate.net

[https://www.researchgate.net/profile/Kalee-Pattanayak/publication/360785221\\_A\\_Review\\_on\\_Entrepreneurial\\_Crisis\\_Management\\_during\\_Coronavirus\\_Covid-19\\_Pandemic/links/628b75433303d263c471da51/A-Review-on-Entrepreneurial-Crisis-Management-during-Coronavirus-Covid-19-Pandemic.pdf](https://www.researchgate.net/profile/Kalee-Pattanayak/publication/360785221_A_Review_on_Entrepreneurial_Crisis_Management_during_Coronavirus_Covid-19_Pandemic/links/628b75433303d263c471da51/A-Review-on-Entrepreneurial-Crisis-Management-during-Coronavirus-Covid-19-Pandemic.pdf)

*The on-going Covid-19 crisis has influenced the businesses in an intense way. As we can perceive, the overall effect of the crisis on the businesses has been mostly negative. ...*

-----

### **Prebiotics and Probiotics: A New Era of Nutraceuticals**

P Bhadra, P Banerjee (2020)

books.google.com

[https://books.google.com/books?hl=en&lr=&id=ZiA-EAAAQBAJ&oi=fnd&pg=PA13&dq=centurion+university&ots=ynd-hnX6Y4&sig=eQIsdkHlx9hWF\\_KL6bSDpKyjhw](https://books.google.com/books?hl=en&lr=&id=ZiA-EAAAQBAJ&oi=fnd&pg=PA13&dq=centurion+university&ots=ynd-hnX6Y4&sig=eQIsdkHlx9hWF_KL6bSDpKyjhw)

*... Swaminathan School of Agriculture, Centurion University of Technology and Management, Odisha. ... Department of Applied Chemistry School of Applied Science Centurion University of*

...

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### **DESIGN AND ANALYSIS OF SOLAR AGRICULTURAL WATER PUMPING SYSTEM FOR IRRIGATION PURPOSE**

DD Behera, SS Das, RC Mohanty, ... (2020)

... Journal of Modern ..., modern-journals.com

<http://modern-journals.com/index.php/ijma/article/download/217/165>

*... 1,3,4,5 Department of Mechanical Engineering, Centurion University of Technology and Management, ... Department of Mechanical Engineering, Centurion University of Technology and ...*

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### **Modeling and Simulation of Photovoltaic Solar Panel for Residential Application**

S Rout, AC Biswal

academia.edu

[https://www.academia.edu/download/64781252/8\\_May\\_3133.pdf](https://www.academia.edu/download/64781252/8_May_3133.pdf)

*Now-a-days utilities are showing interest in renewable energy as conventionally energy sources are depleting day by day. Among the renewables Solar Energy is having lot of promise ...*

-----

### **Vibratory Assisted Joining Processes for Quality Joints**

BV Suresh, PS Rao, PGRN Damera

xajzkjdx.cn

<http://xajzkjdx.cn/gallery/143-april2020.pdf>

*Welding is a method to join metals and non-metals permanently with intense heat supply. During this process weld defects were generating like residual stresses and distortions, which ...*

-----

**PART SUBSTITUTE OF RIVER SAND BY FERROCHROMESLAG IN CEMENT CONCRETE: INDUSTRIAL WASTE DISPOSAL**

T Mallik, SP Mishra, S Nayak, M Siddique

researchgate.net

[https://www.researchgate.net/profile/Siba-Mishra/publication/343252283\\_PART\\_SUBSTITUTE\\_OF\\_RIVER\\_SAND\\_BY\\_FERROCHROMESLAG\\_IN\\_CEMENT\\_CONCRETE\\_INDUSTRIAL\\_WASTE DISPOSAL/links/5f1f8b2992851cd5fa4e1fc9/PART-SUBSTITUTE-OF-RIVER-SAND-BY-FERROCHROMESLAG-IN-CEMENT-CONCRETE-INDUSTRIAL-WASTE-DISPOSAL.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/343252283_PART_SUBSTITUTE_OF_RIVER_SAND_BY_FERROCHROMESLAG_IN_CEMENT_CONCRETE_INDUSTRIAL_WASTE DISPOSAL/links/5f1f8b2992851cd5fa4e1fc9/PART-SUBSTITUTE-OF-RIVER-SAND-BY-FERROCHROMESLAG-IN-CEMENT-CONCRETE-INDUSTRIAL-WASTE-DISPOSAL.pdf)

*... The laboratory works such as physico- mechanical properties of the ingredients of the present study has been conducted in the Centurion University Technology and management ...*

-----

**Modeling and Simulation of Single-Phase Grid Connected Photovoltaic System**

S Rout, AC Biswal

academia.edu

[https://www.academia.edu/download/64781265/9\\_May\\_3135.pdf](https://www.academia.edu/download/64781265/9_May_3135.pdf)

*This paper presents modelling of 10kw single-phase grid-connected Photovoltaic system by using MATTLAB/Simulink software. This paper outlined the design of PV model by the help ...*

-----

**Relative Efficacy of Different Weed Management Practices on Growth, Yield and Weed Dynamics in Sunflower**

P Inuganti, S Praharaj, S Lalichetti, ... (2021)

... Journal of Agriculture ..., researchgate.net

[https://www.researchgate.net/profile/Sagar-Lalichetti/publication/354144229\\_Relative\\_Efficacy\\_of\\_Different\\_Weed\\_Management\\_Practices\\_on\\_Growth\\_Yield\\_and\\_Weed\\_Dynamics\\_in\\_Sunflower/links/612761600360302a005c000c/Relative-Efficacy-of-Different-Weed-Management-Practices-on-Growth-Yield-and-Weed-Dynamics-in-Sunflower.pdf](https://www.researchgate.net/profile/Sagar-Lalichetti/publication/354144229_Relative_Efficacy_of_Different_Weed_Management_Practices_on_Growth_Yield_and_Weed_Dynamics_in_Sunflower/links/612761600360302a005c000c/Relative-Efficacy-of-Different-Weed-Management-Practices-on-Growth-Yield-and-Weed-Dynamics-in-Sunflower.pdf)

*The experiment was conducted during 2020 to evaluate the relative efficiency of the application of herbicides combined with inter cultivation practices for their influence on the growth ...*

-----

**Plant Sources employed for observing Vedic festival “Ram Navami” the birthday of Lord Suryavanshi**

M Panda, U Mandal, S Routray, S Parida, G Mahalik

shabdbooks.com

<http://shabdbooks.com/gallery/50-may-2020.pdf>

*Diversity is the commitment for the recognition and appreciation of variety of individuals. The prefix ‘Bio’ when placed before the word ‘Diversity’ it becomes more significant and signifies ...*

-----

**Addition of 96 lichen species to the state of Odisha from Similipal Biosphere Reserve**

K Satapathy, S Pradhan, DK Upreti (2021)

ARPHA Preprints, preprints.arphahub.com

<https://preprints.arphahub.com/article/65955/download/pdf/>

*A total of 96 species of lichens taxa belonging to 45 genera and 20 families are enumerated from Similipal Biosphere Reserve, in Mayurbhanj district as an addition to the lichen biota of ...*

-----

### **Situational Awareness Enhancement in Transmission Lines using NI Based PMU**

KB Swain, SS Mahato, MV Krishna, M Cherukuri  
researchgate.net

[https://www.researchgate.net/profile/M-Krishna-4/publication/341192706\\_Situational\\_Awareness\\_Enhancement\\_in\\_Transmission\\_Lines\\_using\\_NI\\_Based\\_PMU/links/5eb2f864299bf152d6a1a582/Situational-Awareness-Enhancement-in-Transmission-Lines-using-NI-Based-PMU.pdf](https://www.researchgate.net/profile/M-Krishna-4/publication/341192706_Situational_Awareness_Enhancement_in_Transmission_Lines_using_NI_Based_PMU/links/5eb2f864299bf152d6a1a582/Situational-Awareness-Enhancement-in-Transmission-Lines-using-NI-Based-PMU.pdf)

*... Tech from Biju Patnaik University of Technology. Presently he is serving as Associate Dean SOET Centurion University. His present research interests are in the field of antennas, ...*

-----

### **Sustainable Emergency Light for Scarcely Electrified Area of India**

S Tripathy, MM Sahoo, NC Giri, SP Mishra, SR Nayak  
researchgate.net

[https://www.researchgate.net/profile/Nimay-Giri/publication/351914607\\_Sustainable\\_Emergency\\_Light\\_for\\_Scarcely\\_Electrified\\_Area\\_of\\_India/links/61656179ae47db4e57cc0ee1/Sustainable-Emergency-Light-for-Scarcely-Electrified-Area-of-India.pdf](https://www.researchgate.net/profile/Nimay-Giri/publication/351914607_Sustainable_Emergency_Light_for_Scarcely_Electrified_Area_of_India/links/61656179ae47db4e57cc0ee1/Sustainable-Emergency-Light-for-Scarcely-Electrified-Area-of-India.pdf)

*About 200 million people of India are deprived of grid based power supply, prominently in inaccessible hilly and rural hamlets of the country. Present research is an attempt to design, ...*

-----

### **Improvement of Power System Stability by using FLC based PID Controller**

S Rout, S Dhar, AC Biswal  
academia.edu

[https://www.academia.edu/download/64781512/101\\_May\\_3380.pdf](https://www.academia.edu/download/64781512/101_May_3380.pdf)

*The objective of this paper is to improve the stability of power system by using fuzzy based PID controller. It will be capable in providing the proper damping to generator oscillation, ...*

-----

### **Ethnomedicinal survey of plants used by tribal in Nrushingnath forest of Bargarh, Odisha, India**

P Mohanty, SS Sahu, AK Sahoo, S Parida, G Mahalik  
researchgate.net

[https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/348150908\\_Ethnomedicinal\\_survey\\_of\\_plants\\_used\\_by\\_tribal\\_in\\_Nrushingnath\\_forest\\_of\\_Bargarh\\_Odisha\\_India/links/5ff04fdca6fdccdc822d38a/Ethnomedicinal-survey-of-plants-used-by-tribal-in-Nrushingnath-forest-of-Bargarh-Odisha-India.pdf](https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/348150908_Ethnomedicinal_survey_of_plants_used_by_tribal_in_Nrushingnath_forest_of_Bargarh_Odisha_India/links/5ff04fdca6fdccdc822d38a/Ethnomedicinal-survey-of-plants-used-by-tribal-in-Nrushingnath-forest-of-Bargarh-Odisha-India.pdf)

*Therapeutic plants from the significant common assets base of the Indian indigenous medicinal*

*services custom. Roughly 10% of the natural constituents of plants are accounted for to ...*

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### **APROVECHAMIENTO INTEGRAL DE RESIDUOS ORGÁNICOS Y NUTRIENTES EN EL MANEJO DE SUELOS DE ZONAS URBANAS Y PERIURBANAS**

JC Hernández (2021)

Agricultura, researchgate.net

<https://www.researchgate.net/profile/Javier-Cruz-Hernandez-2/amp>

*Los residuos en las zonas urbanas y periurbanas pueden reciclarse, generar empleo, ingresos y crear áreas verdes; suelos restaurados con un impacto positivo en la obtención de ...*

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### **Chapter-5 Construction of Kitchen Garden**

K Pramanik, PP Mohapatra, C Jena (2020)

Chief Editor Manoj Kumar ..., researchgate.net

[https://www.researchgate.net/profile/Kartik-Pramanik/publication/344171801\\_Construction\\_of\\_Kitchen\\_Garden/links/5fc5daae92851c3012994f60/Construction-of-Kitchen-Garden.pdf#page=59](https://www.researchgate.net/profile/Kartik-Pramanik/publication/344171801_Construction_of_Kitchen_Garden/links/5fc5daae92851c3012994f60/Construction-of-Kitchen-Garden.pdf#page=59)

*... To spread the awareness regarding the concept of Kitchen garden and its benefit, a Kitchen garden was constructed at MS Swaminathan School of Agriculture, Centurion University, ...*

-----

### **From Phytochemicals to Phytomedicines: Potential Roles of Plant-Based Biomolecules in the Covid Era**

S Nanda (2020)

Bioscience Biotechnology Research Communications, researchgate.net

[https://www.researchgate.net/profile/Satyabrata-Nanda/publication/348863573\\_From\\_Phytochemicals\\_to\\_Phytomedicines\\_Potential\\_Roles\\_of\\_Plant-Based\\_Biomolecules\\_in\\_the\\_Covid\\_Era/links/601397cd45851517ef226c6d/From-Phytochemicals-to-Phytomedicines-Potential-Roles-of-Plant-Based-Biomolecules-in-the-Covid-Era.pdf](https://www.researchgate.net/profile/Satyabrata-Nanda/publication/348863573_From_Phytochemicals_to_Phytomedicines_Potential_Roles_of_Plant-Based_Biomolecules_in_the_Covid_Era/links/601397cd45851517ef226c6d/From-Phytochemicals-to-Phytomedicines-Potential-Roles-of-Plant-Based-Biomolecules-in-the-Covid-Era.pdf)

*... MS Swaminathan School of Agriculture, Centurion University of Technology and ... SN is thankful to the President, Centurion University of Technology and management for his ...*

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### **FPGA Design for Implementation of the 2 D Discrete Cosine Transformation for Image Processing**

N Jeebaratnam, SS Nayak, N Patra (2020)

researchgate.net

[https://www.researchgate.net/profile/Njeeba-Ratnam-2/publication/342956395\\_FPGA\\_Design\\_for\\_Implementation\\_of\\_the\\_2\\_D\\_Discrete\\_Cosine\\_Transformation\\_for\\_Image\\_Processing/links/5f0f09ef92851c1eff11ed88/FPGA-Design-for-Implementation-of-the-2-D-Discrete-Cosine-Transformation-for-Image-Processing.pdf](https://www.researchgate.net/profile/Njeeba-Ratnam-2/publication/342956395_FPGA_Design_for_Implementation_of_the_2_D_Discrete_Cosine_Transformation_for_Image_Processing/links/5f0f09ef92851c1eff11ed88/FPGA-Design-for-Implementation-of-the-2-D-Discrete-Cosine-Transformation-for-Image-Processing.pdf)

*Image compression is very important application of signal processing. Now a day's low power dissipation becomes a important constraint in design process. Low power design is ...*

-----

### **Domination of First World in Asiatic Media**

MA Pasha

Centurion Journal of Multidisciplinary Research, researchgate.net

[https://www.researchgate.net/profile/Dev-Vrat-Singh/publication/353481759\\_Visual\\_Merchandizing\\_of\\_a\\_Social\\_Taboo\\_called\\_the\\_Periods/links/60ffdfdc2bf3553b29149a2b/Visual-Merchandizing-of-a-Social-Taboo-called-the-Periods.pdf#page=98](https://www.researchgate.net/profile/Dev-Vrat-Singh/publication/353481759_Visual_Merchandizing_of_a_Social_Taboo_called_the_Periods/links/60ffdfdc2bf3553b29149a2b/Visual-Merchandizing-of-a-Social-Taboo-called-the-Periods.pdf#page=98)

*The communication systems and media groups have emerged as the main area for profit-making in western countries as well as South Asia also. But the media of South Asia has not ...*

-----

### **Design and Implementation of a Factorial Circuit for Binary Numbers: An AVM-Based VLSI Computing Approach**

SK Panda, A Sahoo, DC Panda (2020)

Advanced Computing and Intelligent ..., Springer

[https://doi.org/10.1007/978-981-15-1483-8\\_7](https://doi.org/10.1007/978-981-15-1483-8_7)

*... are done in Laboratory of Centurion University of Technology & Management, Odisha, India. Authors gratefully acknowledge to the University for providing research scope. ...*

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### **Extraction and Characterization of D-limonene oil from orange peels using different solvents**

K Mirdha, C Routray

shabdbooks.com

<http://www.shabdbooks.com/gallery/116-may-2020-.pdf>

*... The authors are highly grateful to the authorities of Centurion University of Technology and Management, Odisha for their continuous support and encouragement to carry out this ...*

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### **EFFECT OF EQUIVALENCE RATIO ON COMBUSTION OF SPARK IGNITION ENGINE**

D RAGHUVVEER

researchgate.net

[https://www.researchgate.net/profile/Raghuveer-Dontikurti/publication/343529821\\_EFFECT\\_OF\\_EQUIVALENCE\\_RATIO\\_ON\\_COMBUSTION\\_OF\\_SPARK\\_IGNITION\\_ENGINE/links/5f646baca6fdcc0086297c97/EFFECT-OF-EQUIVALENCE-RATIO-ON-COMBUSTION-OF-SPARK-IGNITION-ENGINE.pdf](https://www.researchgate.net/profile/Raghuveer-Dontikurti/publication/343529821_EFFECT_OF_EQUIVALENCE_RATIO_ON_COMBUSTION_OF_SPARK_IGNITION_ENGINE/links/5f646baca6fdcc0086297c97/EFFECT-OF-EQUIVALENCE-RATIO-ON-COMBUSTION-OF-SPARK-IGNITION-ENGINE.pdf)

*Combustion in an SI engine is a process where air fuel mixture enters into the cylinder and the mixture is ignited by a spark. The energy generated due to combustion is partly converted ...*

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### **India's Evolving Structure: Miles to go Before 2025**

M Das, D Rana, SP Jena (2020)

PalArch's Journal of Archaeology of ..., archives.palarch.nl

<https://www.archives.palarch.nl/index.php/jae/article/view/4144>

*... We would like to express our gratitude to the team members of the Python Data Visualization Group, Centurion University of Technology and Management, for their support to collection, ...*

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**Assessment of challenges and potential factors of OUAT students for farm-entrepreneurship development**

RSN Padhi (2020)

IJCS, researchgate.net

[https://www.researchgate.net/profile/Rupashree-Senapati/publication/340016501\\_Assessment\\_of\\_challenges\\_and\\_potential\\_factors\\_of\\_OUAT\\_students\\_for\\_farm-entrepreneurship\\_development/links/5e9ca58f299bf13079aa2c68/Assessment-of-challenges-and-potential-factors-of-OUAT-students-for-farm-entrepreneurship-development.pdf](https://www.researchgate.net/profile/Rupashree-Senapati/publication/340016501_Assessment_of_challenges_and_potential_factors_of_OUAT_students_for_farm-entrepreneurship_development/links/5e9ca58f299bf13079aa2c68/Assessment-of-challenges-and-potential-factors-of-OUAT-students-for-farm-entrepreneurship-development.pdf)

*A study was conducted with the Agriculture and Veterinary post graduates and PhD students for identification of entrepreneurial skills in them at Orissa University of Agriculture and ...*

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**Differential expression of Arabidopsis EJC core proteins under short-day and long-day growth conditions**

A Sahoo, KB Satapathy (2021)

Plant Science Today, horizonepublishing.com

<http://www.horizonepublishing.com/journals/index.php/PST/article/view/1214>

*... Authors are thankful to the administration and management of Centurion University of Technology and Management, Odisha, India for providing necessary facilities to conduct the ...*

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**Wild edible and minor fruits of Odisha**

A Tamang, SK Subba, S Chhetri (2021)

researchgate.net

[https://www.researchgate.net/profile/Satish-Kumar-Subba/publication/355699848\\_Wild\\_edible\\_and\\_minor\\_fruits\\_of\\_Odisha/links/617a4294eef53e51e1f7384f/Wild-edible-and-minor-fruits-of-Odisha.pdf](https://www.researchgate.net/profile/Satish-Kumar-Subba/publication/355699848_Wild_edible_and_minor_fruits_of_Odisha/links/617a4294eef53e51e1f7384f/Wild-edible-and-minor-fruits-of-Odisha.pdf)

*Located in the drier north eastern Ghat region of India, Odisha state boasts around 2,800 species of herbs, shrubs, climbers and trees. The edible fruits of forest lands play an important*

...

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**Fire Retardancy of Polysaccharide-Based Polyurethane Foams**

T Biswal, PK Sahoo (2021)

Materials and Chemistry of Flame-Retardant ..., ACS Publications

<https://doi.org/10.1021/bk-2021-1400.ch002>

*Polyurethane foams (PUFs) are considered a significant class of polymer-based foam because of*

*their excellent thermal conductivity, low density, amazing mechanical properties, sound...*

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**Investigation of Structural, Dielectric, and Optical Behaviour of Dysprosium-Doped Barium Titanate Ceramics**

AK Mahapatra, T Badapanda, ... (2021)  
ECS Journal of Solid ... , iopscience.iop.org

<https://doi.org/10.1149/2162-8777/ac1fa6>

*The influence of Dysprosium (Dy) doping on the structure, dielectric and optical properties of the BaTiO<sub>3</sub> system has been investigated in the manuscript. The solid-state reaction ...*

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**Influence of Protective Sprinkler Irrigation on Yield and Water Productivity of Kharif Grown Rain Fed Crops**

V Ramulu, MD Reddy  
Indian Journal of Agricultural ... , arccarticles.s3.amazonaws.com

<http://arccarticles.s3.amazonaws.com/arcc/Attachment-at-accept-article-A-5604.pdf>

*... Swaminathan School of Agriculture, Centurion University of Technology and Management, ... The university recommended fertilizer doses viz. 160:60:50 kg N, P<sub>2</sub>O<sub>5</sub> and K<sub>2</sub>O ha<sup>-1</sup> for ...*

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**Role of Aromatherapy in Relieving Pain**

P Banerjee, A Rout, N Panda  
AND ITS BENEFITS, researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/350038518\\_Aromatherapy/links/6068499292851c91b19c2997/Aromatherapy.pdf#page=127](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/350038518_Aromatherapy/links/6068499292851c91b19c2997/Aromatherapy.pdf#page=127)

*... , Centurion University of Technology and Management, Odisha 2Department of Zoology, School of Applied Science, Centurion University of Technology and Management, Odisha ...*

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**ICMEAS 2021**

I McAndrew, BK Gandhi, TS Hong, MHB Abd Shukor, ...  
computer.org

<https://www.computer.org/csdl/pds/api/csdl/proceedings/download-article/1zuuRnNjbgs/pdf>

*... of Malaya, Malaysia Asma Perveen, Nazarbayev University, Kazakhstan Chao Gao, Norwegian University of Science and Technology, Norway CV Gopinath, Centurion University, ...*

...

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**Field evaluation of bio-effectiveness of acephate 75% SP against insect pests of rice crop**

R Nihal, SSA Samanta, A Samanta (2021)  
thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue6S/PartD/S-10-6-21-207.pdf>



*A field experiment was conducted in the year 2018 at University Experimental Farm, 'C'Unit, BCKV, Kalyani, Nadia, West Bengal to evaluate insecticide molecules against yellow stem ...*

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### **ICMEAS 2021**

A Committee  
computer.org

<https://www.computer.org/csdl/pds/api/csdl/proceedings/download-article/1zuuRCFxUS4/pdf>

*... Linda Vee Weiland, College of Aeronautics Embry Riddle Aeronautical University, USA  
Mana Saedan, Chiang Mai University, Thailand Md. Zahurul Haq, Bangladesh ...*

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### **A Critical Study on Computation of Cutting Forces in Metal Cutting**

DK Mohanta, B Pani, B Sahoo, ... (2021)  
Journal of Physics ..., iopscience.iop.org

<https://doi.org/10.1088/1742-6596/2070/1/012166>

*Tool behavior in metal cutting is inevitable since they are typically required to produce components with high precision. This would have a profound impact on efficiency and costs of ...*

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### **Sustainable structural lightweight concrete utilizing high-volume fly ash cenosphere**

RK Majhi, SK Patel, AN Nayak (2021)  
Advances in concrete ..., koreascience.or.kr

[https://www.koreascience.or.kr/article/JAKO202127948236949.page?\\_escaped\\_fragment =](https://www.koreascience.or.kr/article/JAKO202127948236949.page?_escaped_fragment=)

*This paper explores the most feasible technique for producing sustainable structural lightweight concrete (LWC) utilizing high-volume of fly ash cenosphere (FAC), a noble lightweight ...*

-----

### **A Simple Architecture of 8-point Discrete Hartley Transform using DGA Algorithm**

N Patra, SS Nayak  
xisdxjsu.asia

<https://www.xisdxjsu.asia/V17I11-58.pdf>

*The discrete Hartley transform is a real-valued transform, comparable to the complex Fourier transform, which has many applications in disciplines such as pattern recognition, signal ...*

-----

### **A survey on the off-target effects of insecticidal double-stranded RNA targeting Hv $\beta$ 'COPI gene in the crop pest *Henosepilachna vigintioctopunctata* ...**

LÜ Jing, S NANDA, C Shi-min, MEI Yang, HE Kang, ... (2021)  
Journal of Integrative ...

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### **Aqua drugs and chemicals used in freshwater aquaculture: A review**

A Roy, SK Ghosh, SS Hauzoukim, K Bhattacharya, ... (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue8S/PartE/S-10-7-182-370.pdf>

*This study provides a quick overview of different drugs and chemicals commonly used in aquaculture sector for treatment and prevention of different diseases. Different types of water/...*

-----

### **Performance Review of Composite Materials Used for Green Building Construction and it's Future in India.**

AK Sethy, S Panda (2020)

easychair.org

[https://easychair.org/publications/preprint\\_download/Z4gD](https://easychair.org/publications/preprint_download/Z4gD)

*1. Abstract Construction of green structure are seen to be growing rapidly in India with handholding profit in economic sector of construction. As it is eco-friendly, easy to construct and*

...

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### **Examining Status of Media Education in Universities of Eastern India**

DV Singh

1±© Ü™ œ· Àª] Ì±¬ ÛøSfl±, researchgate.net

[https://www.researchgate.net/profile/Rajesh-Kumar-457/publication/353481710\\_Examining\\_Status\\_of\\_Media\\_Education\\_in\\_Universities\\_of\\_Eastern\\_India/links/611ebd361e95fe241ae30684/Examining-Status-of-Media-Education-in-Universities-of-Eastern-India.pdf](https://www.researchgate.net/profile/Rajesh-Kumar-457/publication/353481710_Examining_Status_of_Media_Education_in_Universities_of_Eastern_India/links/611ebd361e95fe241ae30684/Examining-Status-of-Media-Education-in-Universities-of-Eastern-India.pdf)

*... University), Koraput (Central University of Orissa) and Gajapati (Centurion University) each. ... However, the department at Centurion University, Gajapati offers a different nomenclature at ...*

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### **Conservation tillage and integrated nutrient management impact on soil organic carbon fractions, labile soil organic matter pools and microbial community ...**

R Choudhary, RK Naresh, MS Chandra, N Chandra, ... (2021)

researchgate.net

[https://www.researchgate.net/profile/Rk-Naresh-2/publication/357875968\\_Conservation\\_tillage\\_and\\_integrated\\_nutrient\\_management\\_impact\\_on\\_soil\\_organic\\_carbon\\_fractions\\_labile\\_soil\\_organic\\_matter\\_pools\\_and\\_microbial\\_community\\_under\\_rice-wheat\\_cropping\\_system\\_A\\_review/links/61e4fb709a753545e2d7bae7/Conservation-tillage-and-integrated-nutrient-management-impact-on-soil-organic-carbon-fractions-labile-soil-organic-matter-pools-and-microbial-community-under-rice-wheat-cropping-system-A-review.pdf](https://www.researchgate.net/profile/Rk-Naresh-2/publication/357875968_Conservation_tillage_and_integrated_nutrient_management_impact_on_soil_organic_carbon_fractions_labile_soil_organic_matter_pools_and_microbial_community_under_rice-wheat_cropping_system_A_review/links/61e4fb709a753545e2d7bae7/Conservation-tillage-and-integrated-nutrient-management-impact-on-soil-organic-carbon-fractions-labile-soil-organic-matter-pools-and-microbial-community-under-rice-wheat-cropping-system-A-review.pdf)

*Soil tillage can affect the stability and formation of soil aggregates by disrupting soil structure. Frequent tillage deteriorates soil structure and weakens soil aggregates, causing them to ...*

-----

### **Salt and Drought Stress Responses in Cultivated Beets (Beta vulgaris L.) and Wild Beet (Beta maritima L.). Plants 2021, 10, 1843**

S Yolcu, H Alavilli, P Ganesh, M Panigrahy, K Song (2021)

researchgate.net

[https://www.researchgate.net/profile/Madhusmita-Panigrahy-2/publication/354379770\\_Salt\\_and\\_Drought\\_Stress\\_Responses\\_in\\_Cultivated\\_Beets\\_Beta\\_vulgaris\\_L\\_and\\_Wild\\_Beet\\_Beta\\_maritima\\_L/links/61359ecb38818c2eaf857a09/Salt-and-Drought-Stress-Responses-in-Cultivated-Beets-Beta-vulgaris-L-and-Wild-Beet-Beta-maritima-L.pdf](https://www.researchgate.net/profile/Madhusmita-Panigrahy-2/publication/354379770_Salt_and_Drought_Stress_Responses_in_Cultivated_Beets_Beta_vulgaris_L_and_Wild_Beet_Beta_maritima_L/links/61359ecb38818c2eaf857a09/Salt-and-Drought-Stress-Responses-in-Cultivated-Beets-Beta-vulgaris-L-and-Wild-Beet-Beta-maritima-L.pdf)

*Cultivated beets, including leaf beets, garden beets, fodder beets, and sugar beets, which belong to the species Beta vulgaris L., are economically important edible crops that have been ...*

-----

### **Role of Metals and Metalloids in Redox Biology**

A Madeshiya, P Banerjee, S Santra, ... (2020)

Metal Toxicology ..., books.google.com

[https://books.google.com/books?hl=en&lr=&id=Th\\_DwAAQBAJ&oi=fnd&pg=PT28&dq=centurion+university&ots=41Z9uJKe3t&sig=ZnHdMZBrQc\\_r7Y0owCcMrGTR8k4](https://books.google.com/books?hl=en&lr=&id=Th_DwAAQBAJ&oi=fnd&pg=PT28&dq=centurion+university&ots=41Z9uJKe3t&sig=ZnHdMZBrQc_r7Y0owCcMrGTR8k4)

*Oxidation-reduction (redox) reactions play a critical role in biological systems [1]. These involve the basic functions of life ranging from respiration to metabolism. Alterations in these ...*

-----

### **Organic Farming: Paradigm Shift during Pandemic to 'Food Safety' Complying 'Food Security' in India**

DP Mishra, SP Mishra (2020)

Annual Research & Review in Biology, researchgate.net

[https://www.researchgate.net/profile/Siba-Mishra/publication/344902290\\_Organic\\_Farming\\_Paradigm\\_Shift\\_during\\_Pandemic\\_to\\_'Food\\_Safety'\\_Complying\\_'Food\\_Security'\\_in\\_India/links/5f98337d299bf1b53e49c7f6/Organic-Farming-Paradigm-Shift-during-Pandemic-to-Food-Safety-Complying-Food-Security-in-India.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/344902290_Organic_Farming_Paradigm_Shift_during_Pandemic_to_'Food_Safety'_Complying_'Food_Security'_in_India/links/5f98337d299bf1b53e49c7f6/Organic-Farming-Paradigm-Shift-during-Pandemic-to-Food-Safety-Complying-Food-Security-in-India.pdf)

*The organic farming is gaining worldwide acceptance since the conventional farming gratifies the demand of both food security and the food safety especially during the pandemic year ...*

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### **Periplaneta americana L. a potential source of traditional medicine: chemometric analysis, in vitro and in silico study**

S Behera, A Behera, SK Mekap, ... (2021)

Journal of ..., Taylor & Francis

<https://doi.org/10.1080/07391102.2021.1938681>

*... of Zoology, Centurion University of technology and management for identifying the species and for providing software facilities for in silico studies, KIIT University's Technological Bio ...*

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### **Biocontrol of Fusarium Wilt in Tomato: An Eco-friendly and Cost Effective Approach**

R Bajpai, M Basavaraj Teli, M Rashid, S Nanda, ...

researchgate.net

[https://www.researchgate.net/profile/Gagan-Kumar-2/publication/353583625\\_Biocontrol\\_of\\_Fu](https://www.researchgate.net/profile/Gagan-Kumar-2/publication/353583625_Biocontrol_of_Fu)

[sarium Wilt in Tomato An Eco-friendly and Cost Effective Approach/links/61042a4d169a1a0103ca5b7a/Biocontrol-of-Fusarium-Wilt-in-Tomato-An-Eco-friendly-and-Cost-Effective-Approach.pdf](https://www.researchgate.net/publication/354247700)

... of Agricultural Sciences, Banaras Hindu University for granting fellowship and space for research. SN and GK are thankful to Centurion University of Technology and Management for

...

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### **In vitro propagation techniques in pomegranate (*Punica granatum* L.): A review**

KA Prajwala, P Subbaramamma, ... (2021)

... (Kanwar et al., 2008; ..., thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue6/PartQ/10-6-105-741.pdf>

*Pomegranate was commercially propagated through hardwood cuttings or by air layering. However the supply of true to type planting material was scarce due to several limitations like ...*

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### **A critical review on effect of trailing and staking on growth and yield of cucurbitaceous crops**

R Pradhan, DA Nayak, KM Rao, ... (2021)

... of Pharmacognosy and ..., phytojournal.com

<https://www.phytojournal.com/archives/2021/vol10issue1/PartAD/10-1-64-518.pdf>

*Cucurbitaceae is the largest family in vegetable crops. Cucurbits comprise 117 genera and 825 species. Out of this 30 species of nine genera are used as cultivated plants. Most of the ...*

-----

### **Modelling and forecasting of rice production in south Asian countries**

M Abotaleb, S Ray, P Mishra, K Karakaya, C Shoko, ...

researchgate.net

[https://www.researchgate.net/profile/Ritisha\\_Baloo/publication/354247700 Modelling and forecasting of rice production in south Asian countries/links/61f1497c9a753545e2f9cfdc/Modelling-and-forecasting-of-rice-production-in-south-Asian-countries.pdf](https://www.researchgate.net/profile/Ritisha_Baloo/publication/354247700/Modelling_and_forecasting_of_rice_production_in_south_Asian_countries/links/61f1497c9a753545e2f9cfdc/Modelling-and-forecasting-of-rice-production-in-south-Asian-countries.pdf)

*Food insecurity is a global issue that affects developing countries more often [1]. For this reason, the political and scientific community in several countries has drawn the attention of this*

...

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### **Role of Carbon Materials in the Removal of Organic Pollutants: An Abridged Review**

P Narasipuram, K Venkata Prasad, ... (2021)

biointerfaceresearch.com

<https://biointerfaceresearch.com/wp-content/uploads/2021/06/20695837122.19741997.pdf>

*The unraveling of ill-effects of organic pollutants like pesticides and dyes has been showcased with various devastating incidents worldwide, which seriously affect aquatic biota. Even ...*

-----

## **Chapter-7 Pest Control by Macro Organisms**

V Ramalakshmi, L Dash, D Padhy, KA Kumar (2020)

Recent Trends in, researchgate.net

[https://www.researchgate.net/profile/Uday-Thera/publication/349518957\\_Phytochemical\\_Activities\\_of\\_Botanical\\_Pesticides\\_in\\_Plant\\_Pest\\_Management/links/60348d49a6fdcc37a8463ff6/Phytochemical-Activities-of-Botanical-Pesticides-in-Plant-Pest-Management.pdf#page=139](https://www.researchgate.net/profile/Uday-Thera/publication/349518957_Phytochemical_Activities_of_Botanical_Pesticides_in_Plant_Pest_Management/links/60348d49a6fdcc37a8463ff6/Phytochemical-Activities-of-Botanical-Pesticides-in-Plant-Pest-Management.pdf#page=139)

*The beneficial action of predators, parasitoids and competitors in controlling pests and their damage is termed biological control. It's the use of non-chemical and environmentally ...*

-----

## **PLANTS USED IN THE PREPARATION OF TRADITIONAL RICE-BEER “HANDIA” BY TRIBES OF MAYURBHANJ DISTRICT, ODISHA, INDIA**

G Mahalik, TS Singha, S Parida (2020)

Plant Archives, plantarchives.org

[http://plantarchives.org/20-2/3379-3385%20\(6121\).pdf](http://plantarchives.org/20-2/3379-3385%20(6121).pdf)

*The locale Mayurbhanj is portrayed by a varied tribal populace with an alternate ethnic gathering and environment. The inhabitant tribals relying upon wild as well as a cultivated plant ...*

...

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## **Apparel Skill Training; Empowering Women Youth for a Better Life**

PK Mohanty

researchgate.net

[https://www.researchgate.net/profile/Prasanta-Mohanty-2/publication/347984176\\_Apparel\\_Skill\\_Training\\_Empowering\\_Women\\_Youth\\_for\\_a\\_Better\\_Life/links/5feb5aa4299bf1408859ba6d/Apparel-Skill-Training-Empowering-Women-Youth-for-a-Better-Life.pdf](https://www.researchgate.net/profile/Prasanta-Mohanty-2/publication/347984176_Apparel_Skill_Training_Empowering_Women_Youth_for_a_Better_Life/links/5feb5aa4299bf1408859ba6d/Apparel-Skill-Training-Empowering-Women-Youth-for-a-Better-Life.pdf)

*Apparel, Made-Ups and Home Furnishing Sector Skill Council (AMH SSC) has been launched with a primary mandate of enhancing and to build a capacity in skill development. One of ...*

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## **Frontiers in PlantÀSoil Interaction**

T Aftab, KR Hakeem

researchgate.net

[https://www.researchgate.net/profile/Basant-Dadarwal/publication/351781126\\_Frontiers\\_in\\_PlantÀSoil\\_Interaction\\_Molecular\\_Insights\\_into\\_Plant\\_Adaptation/links/60a9d1b0299bf1031fc14886/Frontiers-in-PlantÀSoil-Interaction-Molecular-Insights-into-Plant-Adaptation.pdf](https://www.researchgate.net/profile/Basant-Dadarwal/publication/351781126_Frontiers_in_PlantÀSoil_Interaction_Molecular_Insights_into_Plant_Adaptation/links/60a9d1b0299bf1031fc14886/Frontiers-in-PlantÀSoil-Interaction-Molecular-Insights-into-Plant-Adaptation.pdf)

*... Hindu University, Varanasi, India, 4M.S. Swaminathan School of Agriculture, Centurion University of ... Paralakhemundi, India, 5Faculty of Agriculture, Sri Sri University, Cuttack, India ...*

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## **Riverbank Old Cities Housing-crisis Solution by Removal of Shoals: the Mahanadi near Cuttack: India**

G Sahu, SP Mishra, M Siddique (2020)

researchgate.net

[https://www.researchgate.net/profile/Siba-Mishra/publication/342095314\\_Riverbank\\_Old\\_Cities\\_Housing-crisis\\_Solution\\_by\\_Removal\\_of\\_Shoals\\_the\\_Mahanadi\\_near\\_Cuttack\\_India/links/5ee1be7fa6fdcc73be702007/Riverbank-Old-Cities-Housing-crisis-Solution-by-Removal-of-Shoals-the-Mahanadi-near-Cuttack-India.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/342095314_Riverbank_Old_Cities_Housing-crisis_Solution_by_Removal_of_Shoals_the_Mahanadi_near_Cuttack_India/links/5ee1be7fa6fdcc73be702007/Riverbank-Old-Cities-Housing-crisis-Solution-by-Removal-of-Shoals-the-Mahanadi-near-Cuttack-India.pdf)

*Old cities have developed near large rivers. These rivers carry huge sediment during flood and get deposited in the upstream of a barrage or bridges. Their yearlong accumulation form ...*

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### **Exploring the Genetic Variability for Yield Attributing Traits among the Indigenous and Exotic Collection of Wheat in Cis-Himalayan Region of West Bengal ...**

S Nath, S Das, D Basak, S Rout, S Hembram, ... (2021)

IJPSS

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### **Biomolecular characterization and efficacy evaluation of pathogen *Erwinia tracheiphila* against plant oils**

S Pattanayak, G Biswal, S Das (2021)

Journal of Environmental Biology, academia.edu

[https://www.academia.edu/download/67855818/paper\\_10\\_1\\_.pdf](https://www.academia.edu/download/67855818/paper_10_1_.pdf)

*Pumpkin (*Cucurbita pepo*) is considered to be one of the highly nutritious cucurbits belongs to squash ancestors. Pumpkins are diversified cosmopolitically with multipurpose ...*

-----

### **Air Quality effects Along with Potential Agricultural Solution to Amid COVID-19**

HS Jatav, K Chandra, UN Mishra, S Chand, CL Khatik, ...

researchgate.net

[https://www.researchgate.net/profile/Subhash-Chand-4/publication/352169627\\_Air\\_Quality\\_effects\\_Along\\_with\\_Potential\\_Agricultural\\_Solution\\_to\\_Amid\\_COVID-19/links/60bcc5e7a6fdcc22eafdfe3c/Air-Quality-effects-Along-with-Potential-Agricultural-Solution-to-Amid-COVID-19.pdf](https://www.researchgate.net/profile/Subhash-Chand-4/publication/352169627_Air_Quality_effects_Along_with_Potential_Agricultural_Solution_to_Amid_COVID-19/links/60bcc5e7a6fdcc22eafdfe3c/Air-Quality-effects-Along-with-Potential-Agricultural-Solution-to-Amid-COVID-19.pdf)

*... 1Sri Karan Narendra Agriculture University, Jobner-303329, Jaipur, India. 2Biochemistry and Plant Physiology, Centurion University of Technology and Management, Paralakhemundi,*

...

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### **The Challenge of Producing Methane from Gas Hydrate**

DP Behera

researchgate.net

[https://www.researchgate.net/profile/Debi-Behera/publication/342410826\\_The\\_Challenge\\_of\\_Producing\\_Methane\\_from\\_Gas\\_Hydrate/links/5ef64236a6fdcc4ca431ccf9/The-Challenge-of-Producing-Methane-from-Gas-Hydrate.pdf](https://www.researchgate.net/profile/Debi-Behera/publication/342410826_The_Challenge_of_Producing_Methane_from_Gas_Hydrate/links/5ef64236a6fdcc4ca431ccf9/The-Challenge-of-Producing-Methane-from-Gas-Hydrate.pdf)

*... & Advanced Studies (Vels University-Deemed to be a University), Pallavaram, Chennai, ... University, Gharuan, Punjab, India. 3Department Civil Engineering, Centurion University of ...*

-----  
**Quantitative and Qualitative Appraisals of Aquifer Properties in Kachia Area of Kaduna State, Nigeria**

IO Olaniyan, AO Adegoke, AI Aladeboyeje, ...  
researchgate.net

[https://www.researchgate.net/profile/Adegoke-Aladeboyeje/publication/342043791\\_Quantitative\\_and\\_Qualitative\\_Appraisals\\_of\\_Aquifer\\_Properties\\_in\\_Kachia\\_Area\\_of\\_Kaduna\\_State\\_Nigeria/links/60af2af0a6fdcc647edec8b2/Quantitative-and-Qualitative-Appraisals-of-Aquifer-Properties-in-Kachia-Area-of-Kaduna-State-Nigeria.pdf](https://www.researchgate.net/profile/Adegoke-Aladeboyeje/publication/342043791_Quantitative_and_Qualitative_Appraisals_of_Aquifer_Properties_in_Kachia_Area_of_Kaduna_State_Nigeria/links/60af2af0a6fdcc647edec8b2/Quantitative-and-Qualitative-Appraisals-of-Aquifer-Properties-in-Kachia-Area-of-Kaduna-State-Nigeria.pdf)

*Kachia Local Government Area (LGA) is located at the southern part of Kaduna State, Nigeria. Quantitative and qualitative appraisals were carried out in order to have proper ...*

-----  
**Geomorphologic Change in Nagavali River Basin: Geospatial Approach**

S Prasad Mishra, A Patel, A Mishra, C Kumar (2021)  
IJECC

-----  
**Kingdom of seashells: Exploitation and culture of major commercial species**

N Padhi (2021)

... Journal of Aquaculture and Fishery Sciences, peertechzpublications.com

<https://www.peertechzpublications.com/articles/IJAFS-7-165.php>

*The beauty of hard outer protective layer of shells is admired by each and everyone. According to Hindu mythology some shells of Turbunaria sp. are believed to be the sacred reflection ...*

-----  
**Effect of curcumin supplemented diet (CSD) on haematological parameters of Cirrhinus mrigala against Edwardiella tarda infection**

T Leya, RP Raman, PP Srivastava (2020)  
academia.edu

[https://www.academia.edu/download/63386809/Journal\\_of\\_Entomology\\_and\\_Zoology\\_studies20200521-108281-k3e38o.pdf](https://www.academia.edu/download/63386809/Journal_of_Entomology_and_Zoology_studies20200521-108281-k3e38o.pdf)

*The aim of the current study was to evaluate the effect of CSD on haematological parameters of Cirrhinus mrigala fingerlings fed on four CSD viz: T1 (0.25%), T2 (0.5%), T3 (1.0%), T4 (...)*

-----  
**Advances in Cancer Biology-Metastasis**

AK Dan, A Manna, S Ghosh, S Sikdar, R Sahu, ...  
researchgate.net

[https://www.researchgate.net/profile/Aritra-Dan/publication/356773797\\_Molecular\\_mechanisms\\_of\\_the\\_lipopeptides\\_from\\_Bacillus\\_subtilis\\_in\\_the\\_apoptosis\\_of\\_cancer\\_cells\\_-\\_A\\_review\\_on\\_its\\_Current\\_Status\\_in\\_different\\_cancer\\_cell\\_lines/links/61b052571a5f480388c1456b/Molecular-mechanisms-of-the-lipopeptides-from-Bacillus-subtilis-in-the-apoptosis-of-cancer-cells-A-review-on-its-Current-Status-in-different-cancer-cell-lines.pdf](https://www.researchgate.net/profile/Aritra-Dan/publication/356773797_Molecular_mechanisms_of_the_lipopeptides_from_Bacillus_subtilis_in_the_apoptosis_of_cancer_cells_-_A_review_on_its_Current_Status_in_different_cancer_cell_lines/links/61b052571a5f480388c1456b/Molecular-mechanisms-of-the-lipopeptides-from-Bacillus-subtilis-in-the-apoptosis-of-cancer-cells-A-review-on-its-Current-Status-in-different-cancer-cell-lines.pdf)

*Cancer treatment is an economic burden because of the very expensive drugs which depend on improvement in modern technology. Furthermore, the rate of success of cancer ...*

-----

### **Tax and Pandemic; Curbing Carbon Burden of India's Blue Sky**

SP Mishra

researchgate.net

[https://www.researchgate.net/profile/Siba-Mishra/publication/346260003\\_Tax\\_and\\_Pandemic\\_Curbing\\_Carbon\\_Burden\\_of\\_India's\\_Blue\\_Sky/links/5fbd24e792851c933f56e12a/Tax-and-Pandemic-Curbing-Carbon-Burden-of-Indias-Blue-Sky.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/346260003_Tax_and_Pandemic_Curbing_Carbon_Burden_of_India's_Blue_Sky/links/5fbd24e792851c933f56e12a/Tax-and-Pandemic-Curbing-Carbon-Burden-of-Indias-Blue-Sky.pdf)

*Out line: Carbon dioxide is one of major signatures of Anthropocene. Energy sector contribute maximum to CO2 emission. Reaching 1.4 billion population, India must strides to provide ...*

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### **Oral RNAi toxicity assay suggests clathrin heavy chain as a promising molecular**

M Guo, S Nanda, S Chen, J Lü, C Yang, Z Liu, W Guo, ...

researchgate.net

[https://www.researchgate.net/profile/Huipeng-Pan/publication/353936349\\_Oral\\_RNAi\\_toxicity\\_assay\\_suggests\\_clathrin\\_heavy\\_chain\\_as\\_a\\_promising\\_molecular\\_target\\_for\\_controlling\\_the\\_28-spotted\\_potato\\_ladybird\\_Henosepilachna\\_vigintioctopunctata/links/612f39cf0360302a006fc32c/Oral-RNAi-toxicity-assay-suggests-clathrin-heavy-chain-as-a-promising-molecular-target-for-controlling-the-28-spotted-potato-ladybird-Henosepilachna-vigintioctopunctata.pdf](https://www.researchgate.net/profile/Huipeng-Pan/publication/353936349_Oral_RNAi_toxicity_assay_suggests_clathrin_heavy_chain_as_a_promising_molecular_target_for_controlling_the_28-spotted_potato_ladybird_Henosepilachna_vigintioctopunctata/links/612f39cf0360302a006fc32c/Oral-RNAi-toxicity-assay-suggests-clathrin-heavy-chain-as-a-promising-molecular-target-for-controlling-the-28-spotted-potato-ladybird-Henosepilachna-vigintioctopunctata.pdf)

*BACKGROUND: Use of RNA interference (RNAi) technology in effective pest management has been explored for decades. Henosepilachna vigintioctopunctata is a major solanaceous ...*

-----

### **ASSESSMENT OF GROUNDWATER QUALITY IN THE KARANJIA BLOCK, MAYURBHANJ DISTRICT, ODISHA**

P Sahu, D Sahoo, SR Panda, KK Barik

researchgate.net

[https://www.researchgate.net/profile/Debasis-Sahoo-4/publication/358047635\\_ASSESSMENT\\_OF\\_GROUNDWATER\\_QUALITY\\_IN\\_THE\\_KARANJIA\\_BLOCK\\_MAYURBHANJ\\_DISTRICT\\_ODISHA/links/61ee87e3dafcdb25fd4b2412/ASSESSMENT-OF-GROUNDWATER-QUALITY-IN-THE-KARANJIA-BLOCK-MAYURBHANJ-DISTRICT-ODISHA.pdf](https://www.researchgate.net/profile/Debasis-Sahoo-4/publication/358047635_ASSESSMENT_OF_GROUNDWATER_QUALITY_IN_THE_KARANJIA_BLOCK_MAYURBHANJ_DISTRICT_ODISHA/links/61ee87e3dafcdb25fd4b2412/ASSESSMENT-OF-GROUNDWATER-QUALITY-IN-THE-KARANJIA-BLOCK-MAYURBHANJ-DISTRICT-ODISHA.pdf)

*Groundwater samples were collected from various points in the Karanjia block of Mayurbhanj district for determining the it's quality and for assessing the level of contamination by ...*

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### **Hematological Designs in Decision Architecture**

CPDJ Satpathy, DS Laza, DD Chowdhury, ... (2021)

... Designs in Decision ..., papers.ssrn.com

[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3937882](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3937882)

*Managers are voyaging through 'busitagon', with interregnums shifting and sprouting uninterruptedly. This paper intends to explore hiatuses in managerial decisions as linked to '...*



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**Effect of Arsenic Toxicity on Chlorophyll Content and Antioxidative Enzymes Activities in Rice Seedlings**

DJ Gaikwad, A Pal, S Mondal  
researchgate.net

[https://www.researchgate.net/profile/Dinkar-Gaikwad/publication/348931111\\_Effect\\_of\\_Arsenic\\_Toxicity\\_on\\_Chlorophyll\\_Content\\_and\\_Antioxidative\\_Enzymes\\_Activities\\_in\\_Rice\\_Seedlings/links/6017e7c792851c2d4d0b0456/Effect-of-Arsenic-Toxicity-on-Chlorophyll-Content-and-Antioxidative-Enzymes-Activities-in-Rice-Seedlings.pdf](https://www.researchgate.net/profile/Dinkar-Gaikwad/publication/348931111_Effect_of_Arsenic_Toxicity_on_Chlorophyll_Content_and_Antioxidative_Enzymes_Activities_in_Rice_Seedlings/links/6017e7c792851c2d4d0b0456/Effect-of-Arsenic-Toxicity-on-Chlorophyll-Content-and-Antioxidative-Enzymes-Activities-in-Rice-Seedlings.pdf)

*Aims: Arsenic (As) contamination in rice is at alarming level as majority of rice growing regions in India are As contaminated. Present investigation is designed to study the better ...*

-----  
**Analysing the impact of retail store attributes on unplanned buying intention with mediating role of shopping enjoyment and store perception: An Empirical study**

DRS SATPATHY, DRV KARUMURI, ... (2021)  
... Issues in Business ..., researchgate.net

[https://www.researchgate.net/profile/Venkateswarlu-Karumuri-2/publication/352211424\\_Analysing\\_the\\_impact\\_of\\_retail\\_store\\_attributes\\_on\\_unplanned\\_buying\\_intention\\_with\\_mediating\\_role\\_of\\_shopping\\_enjoyment\\_and\\_store\\_perception\\_An\\_Empirical\\_study/links/60bf150592851cb13d88f186/Analysing-the-impact-of-retail-store-attributes-on-unplanned-buying-intention-with-mediating-role-of-shopping-enjoyment-and-store-perception-An-Empirical-study.pdf](https://www.researchgate.net/profile/Venkateswarlu-Karumuri-2/publication/352211424_Analysing_the_impact_of_retail_store_attributes_on_unplanned_buying_intention_with_mediating_role_of_shopping_enjoyment_and_store_perception_An_Empirical_study/links/60bf150592851cb13d88f186/Analysing-the-impact-of-retail-store-attributes-on-unplanned-buying-intention-with-mediating-role-of-shopping-enjoyment-and-store-perception-An-Empirical-study.pdf)

*Unplanned buyers are always considered as a dream segment for marketers. many times, consumers buy the product due to their sudden unplanned buying intention rather than their ...*

-----  
**GENETIC ALGORITHM BASED FEATURE SELECTION AND RANDOM FOREST MODEL FOR RICE YIELD PREDICTION**

A Balabantaray, P Bhadra, RK Ray, ... (2020)  
... Journal of Modern ..., modern-journals.com

<http://modern-journals.com/index.php/ijma/article/download/202/151>

*... Student from Centurion University has been actively working on research works related to ... Did her from Centurion University. She has been actively working on the field of AI, ML and ...*

-----  
**Free Registration@ Click here**

PK Sahu (2021)  
andhrauniversity.edu.in

<https://www.andhrauniversity.edu.in/img/pdf/IPAT-2021-JUNE.pdf>

*... AU College of Pharmaceutical Sciences, Andhra University 26th June ... AUCoPS Andhra University Visakhapatnam ... Principal, School of Pharmacy, Centurion University of Technology ...*

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### **Frequency Regulation of a Distributed Power System via Modified Whale Optimization Algorithm**

RK Khadanga, S Padhy, PR Sahu, ... (2021)

2021 Innovations in ..., [ieeexplore.ieee.org](https://ieeexplore.ieee.org)

<https://ieeexplore.ieee.org/abstract/document/9696834/>

*This paper proposes the modified methodology for the Whale Optimization Algorithm (WOA) which improves the first procedure known as Modified WOA algorithm. The modification is ...*

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### **Influence of Silicon on Reduction of Methane Emissions for Sustainable Rice Production**

GB Raj, K Rajamani, BH Kumara (2020)

[researchgate.net](https://www.researchgate.net)

[https://www.researchgate.net/profile/Dr-Rajamani/publication/341480919\\_Influence\\_of\\_Silicon\\_on\\_Reduction\\_of\\_Methane\\_Emissions\\_for\\_Sustainable\\_Rice\\_Production/links/5ffa1f4ca6fdccdcb8435ab5/Influence-of-Silicon-on-Reduction-of-Methane-Emissions-for-Sustainable-Rice-Production.pdf](https://www.researchgate.net/profile/Dr-Rajamani/publication/341480919_Influence_of_Silicon_on_Reduction_of_Methane_Emissions_for_Sustainable_Rice_Production/links/5ffa1f4ca6fdccdcb8435ab5/Influence-of-Silicon-on-Reduction-of-Methane-Emissions-for-Sustainable-Rice-Production.pdf)

*The increasing human population requires greater rice production and methane is the second most potent greenhouse gas emitted from rice soils under anaerobic conditions. To ...*

-----

### **From Squatter Slums to Modelled Dwellings in Anthropocene: Bhubaneswar, India**

S Mishra, GC Sahoo, SP Mishra, KC Sethi, M Siddique

[researchgate.net](https://www.researchgate.net)

[https://www.researchgate.net/profile/Siba-Mishra/publication/339585552\\_From\\_Squatter\\_Slums\\_to\\_Modelled\\_Dwellings\\_in\\_Anthropocene\\_Bhubaneswar\\_India/links/5e59d7ba92851cefa1cd9098/From-Squatter-Slums-to-Modelled-Dwellings-in-Anthropocene-Bhubaneswar-India.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/339585552_From_Squatter_Slums_to_Modelled_Dwellings_in_Anthropocene_Bhubaneswar_India/links/5e59d7ba92851cefa1cd9098/From-Squatter-Slums-to-Modelled-Dwellings-in-Anthropocene-Bhubaneswar-India.pdf)

*Slums, the poor men paradise, are an informal settlement in Cosmo polis but part to the urban development process. Anthropocene has summoned exodus from rural to urban for food, ...*

-----

### **EFFECT OF COAL MINING ON VEGETATION OF TALCHER AREA OF ODISHA, INDIA**

B Mohanty, P Mohanty, ... (2020)

International Journal of ..., [modern-journals.com](https://modern-journals.com)

<http://modern-journals.com/index.php/ijma/article/download/218/166>

*... 1,2,3 Department of Botany, School of Applied Sciences, Centurion University of ...  
Department of Botany, School of Applied Sciences, Centurion University of Technology and ...*

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### **Review on Deep Learning Based Automatic Detection of COVID-19 from Chest-X Ray Images**

D Rana, SP Jena, SK Pradhan

[researchgate.net](https://www.researchgate.net)

[https://www.researchgate.net/profile/Debaraj-Rana/publication/353926161\\_Review\\_on\\_Deep\\_Learning\\_Based\\_Automatic\\_Detection\\_of\\_COVID-19\\_from\\_Chest-X-Ray\\_Images/links/61495a3c3c6cb310697fd6e3/Review-on-Deep-Learning-Based-Automatic-Detection-of-COVID-19-from-Chest-X-Ray-Images.pdf](https://www.researchgate.net/profile/Debaraj-Rana/publication/353926161_Review_on_Deep_Learning_Based_Automatic_Detection_of_COVID-19_from_Chest-X-Ray_Images/links/61495a3c3c6cb310697fd6e3/Review-on-Deep-Learning-Based-Automatic-Detection-of-COVID-19-from-Chest-X-Ray-Images.pdf)

*The Global pandemic declared Corona Virus Disease (COVID 19) has affected severely to the health of human being over the globe. More than 15 crore around worldwide have been ...*

-----

### **Addition of Six New Genera to the Flora of Odisha: A Report**

R Mishra, GSJP Jena, S Nayak, KB Satapathy, ... (2020)

Asian Journal of ..., ajbls.com

<https://www.ajbls.com/sites/default/files/AsianJBiolLifeSci-9-2-260.pdf>

*In the present study six genera of plants were recorded as new additions to the angiospermic flora of Odisha state, India along with their detailed description, phenology and distribution. ...*

-----

### **Identification of putative plant based antiviral compounds to fight against SARS-CoV-2 infection**

SK Mishra, RRR Mishra, S Dash, J Panigrahi (2020)

chemrxiv.org

<https://chemrxiv.org/engage/chemrxiv/article-details/60c74db34c8919bd5bad3863>

*Background: This study aimed to examine the efficacy of some natural compounds and their derivatives in inhibiting the nucleocapsid protein N-terminal RNA binding domain (NSP-NTD...*

-----

### **Participation of Rural Youth of Bargarh District of Odisha in Agriculture and Allied Activities**

DS Rout, B Mishra, AK Prusty, A Nandy, PR Tarania, ...

researchgate.net

[https://www.researchgate.net/profile/Sandeep-Rout-2/publication/350037354\\_Participation\\_of\\_Rural\\_Youth\\_of\\_Bargarh\\_District\\_of\\_Odisha\\_in\\_Agriculture\\_and\\_Allied\\_Activities/links/604c6a17299bf13c4f019cbc/Participation-of-Rural-Youth-of-Bargarh-District-of-Odisha-in-Agriculture-and-Allied-Activities.pdf](https://www.researchgate.net/profile/Sandeep-Rout-2/publication/350037354_Participation_of_Rural_Youth_of_Bargarh_District_of_Odisha_in_Agriculture_and_Allied_Activities/links/604c6a17299bf13c4f019cbc/Participation-of-Rural-Youth-of-Bargarh-District-of-Odisha-in-Agriculture-and-Allied-Activities.pdf)

*Agriculture generally, involves five stages viz., production, processing, storage, marketing and consumption. In most of these stages, rural youth can actively be involved. They are ...*

-----

### **An Analysis of Perspectives of Training Conducted by Krishi Vigyan Kendra (KVK), Koraput, Odisha**

PR Tarania, SPS Singh, AK Prusty, DS Rout, S Rout, ...

researchgate.net

[https://www.researchgate.net/profile/Sandeep-Rout-2/publication/350037579\\_An\\_Analysis\\_of\\_Perspectives\\_of\\_Training\\_Conducted\\_by\\_Krishi\\_Vigyan\\_Kendra\\_KVK\\_Koraput\\_Odisha/links/604c7bdc458515e529a484fa/An-Analysis-of-Perspectives-of-Training-Conducted-by-Krishi-Vigyan-Kendra-KVK-Koraput-Odisha.pdf](https://www.researchgate.net/profile/Sandeep-Rout-2/publication/350037579_An_Analysis_of_Perspectives_of_Training_Conducted_by_Krishi_Vigyan_Kendra_KVK_Koraput_Odisha/links/604c7bdc458515e529a484fa/An-Analysis-of-Perspectives-of-Training-Conducted-by-Krishi-Vigyan-Kendra-KVK-Koraput-Odisha.pdf)

[yan-Kendra-KVK-Koraput-Odisha.pdf](#)

*Agriculture being the backbone of the Indian economy, the status of poor rural tribal farmers in the economic front has to be primarily viewed in relation to the major trends affecting ...*

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### **x ABOUT THE CONTRIBUTORS**

D Bolzani, B Casais, ... (2021)

... the Educational and ..., books.google.com

<https://books.google.com/books?hl=en&lr=&id=wKgaEAAQBAJ&oi=fnd&pg=PR9&dq=centurion+university&ots=8sMtOMFr7&sig=oxGg8xdGtB0e9guxgeBt-vEFJ28>

*Tracey M. Coule is a Professor at Sheffield Hallam University. Her research focuses on organising and managing work in non-profits and its linkages to wider social arrangements, ...*

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### **Three Dimensional Magnetohydrodynamic Stretched Flow of Cross Nanofluids**

A Misra, S Mishra, AKA Hakeem, ... (2020)

Journal homepage: [http ... , scholar.archive.org](http://scholar.archive.org)

<https://scholar.archive.org/work/aq6yz5eryverxmu6iqm3pnll5u/access/wayback/http://www.iieta.org/download/file/fid/48859>

*Accepted: 20 October 2020 The purpose of the present study is to analyze the flow, heat and mass transfer characteristics in the three dimensional magnetohydrodynamic stretched flow ...*

-----

### **Factors affecting on the adoption of recommended agriculture practices in drought affected farmers in Raichur District of Karnataka**

S Valamannavar, U Barman, ... (2020)

Indian Journal of ..., indianjournals.com

<https://www.indianjournals.com/ijor.aspx?target=ijor:ijee3&volume=56&issue=3&article=003>

*Among the effects of climate change, drought is a higher risk dominant impinging factor of crop production. As the outcome of the effect reduced cropping area, reduced rice production, ...*

-----

### **Transgenic vegetables: A review**

A Gupta, A Mirza, C Chauhan, S Rout  
[researchgate.net](https://www.researchgate.net)

[https://www.researchgate.net/profile/Sanghamitra-Rout/publication/352811399\\_International\\_Journal\\_of\\_Botany\\_Studies\\_wwwbotanyjournalscom\\_Transgenic\\_vegetables\\_A\\_review/links/60d6aa3fb458515d6f793c0/International-Journal-of-Botany-Studies-wwwbotanyjournalscom-Transgenic-vegetables-A-review.pdf](https://www.researchgate.net/profile/Sanghamitra-Rout/publication/352811399_International_Journal_of_Botany_Studies_wwwbotanyjournalscom_Transgenic_vegetables_A_review/links/60d6aa3fb458515d6f793c0/International-Journal-of-Botany-Studies-wwwbotanyjournalscom-Transgenic-vegetables-A-review.pdf)

*Transgenic crops, commonly referred to as genetically modified (GM), crops enable breeders to bring favorable genes, often previously inaccessible, into already elite cultivars, ...*

-----

## **The Boundary Layer form of the Navier-Stokes Equations and their Treatments**

S Singh

researchgate.net

[https://www.researchgate.net/profile/Saubhagyalaxmi-Singh/publication/343933321\\_The\\_Boundary\\_Layer\\_form\\_of\\_the\\_Navier-Stokes\\_Equations\\_and\\_their\\_Treatments/links/600e88d445851553a06b25b6/The-Boundary-Layer-form-of-the-Navier-Stokes-Equations-and-their-Treatments.pdf](https://www.researchgate.net/profile/Saubhagyalaxmi-Singh/publication/343933321_The_Boundary_Layer_form_of_the_Navier-Stokes_Equations_and_their_Treatments/links/600e88d445851553a06b25b6/The-Boundary-Layer-form-of-the-Navier-Stokes-Equations-and-their-Treatments.pdf)

*We study the boundary layer formed near a rigid wall by a low-viscosity incompressible fluid that solves the Navier-Stokes equations (NSE) linearized around a smooth and stationary ...*

-----

## **Embelia ribes Burm F.(Vai Vidanga)-An Overview**

S Rout, G Sahoo, D Padhy, ... (2021)

... Journal of Modern ..., modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/view/1398>

*The huge scandent shrub Embelia ribes Burm F. belongs to the Myrsinaceae family and is found across India. False black pepper or Vai Vidanga are two common names for it. E. ribes ...*

-----

## **Water Use and Productivity of Different Agricultural and Horticultural Crops and Rice and Maize-based Cropping Systems in an Intensively Cultivated Sub ...**

MU Devi, MD Reddy, A Mani, ... (2020)

Int. J. Curr. Microbiol ..., researchgate.net

[https://www.researchgate.net/profile/Makam-Uma-Devi/publication/345938207\\_Water\\_Use\\_and\\_Productivity\\_of\\_Different\\_Agricultural\\_and\\_Horticultural\\_Crops\\_and\\_Rice\\_and\\_Maize-based\\_Cropping\\_Systems\\_in\\_an\\_Intensively\\_Cultivated\\_Sub-watershed\\_of\\_Peninsular\\_India/links/5fb2486392851cf24cd596b3/Water-Use-and-Productivity-of-Different-Agricultural-and-Horticultural-Crops-and-Rice-and-Maize-based-Cropping-Systems-in-an-Intensively-Cultivated-Sub-watershed-of-Peninsular-India.pdf](https://www.researchgate.net/profile/Makam-Uma-Devi/publication/345938207_Water_Use_and_Productivity_of_Different_Agricultural_and_Horticultural_Crops_and_Rice_and_Maize-based_Cropping_Systems_in_an_Intensively_Cultivated_Sub-watershed_of_Peninsular_India/links/5fb2486392851cf24cd596b3/Water-Use-and-Productivity-of-Different-Agricultural-and-Horticultural-Crops-and-Rice-and-Maize-based-Cropping-Systems-in-an-Intensively-Cultivated-Sub-watershed-of-Peninsular-India.pdf)

*In India more than 80% of the water resources are used for agriculture. The agriculture sector uses a higher quantity of water and in the coming years it has to compete with other sectors ...*

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## **Plastic Waste Management in Bhubaneswar Smart City: Policy and Initiatives**

B Rout, S Tripathy, SR Dash (2020)

researchgate.net

[https://www.researchgate.net/profile/Sisir-Dash-2/publication/350754158\\_Plastic\\_Waste\\_Management\\_in\\_Bhubaneswar\\_Smart\\_City\\_Policy\\_and\\_Initiatives/links/606ff1f54585150fe993c3da/Plastic-Waste-Management-in-Bhubaneswar-Smart-City-Policy-and-Initiatives.pdf](https://www.researchgate.net/profile/Sisir-Dash-2/publication/350754158_Plastic_Waste_Management_in_Bhubaneswar_Smart_City_Policy_and_Initiatives/links/606ff1f54585150fe993c3da/Plastic-Waste-Management-in-Bhubaneswar-Smart-City-Policy-and-Initiatives.pdf)

*... Associate Professor, KIIT Deemed to be University, Bhubaneswar, India E-mail: snigdha.tripathyfhu@kiit.ac.in. Assistant Professor, Centurion University of Technology and Management...*

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**Differential expression of selected Arabidopsis resistant genes under abiotic stress conditions**

GK Panigrahi, A Sahoo, ... (2021)

Plant Science ..., horzonepublishing.com

<http://horzonepublishing.com/journals/index.php/PST/article/view/1213>

*... Authors are thankful to the administration and management of Centurion University of Technology and Management, Odisha, India for providing necessary facilities to conduct the ...*

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**Mr Pawel Chmielniak, Brown University, Providence, USA Mr Tae-Kyu Choi, European XFEL, Germany Dr Claudio Cirelli, Paul Scherrer Institut (PSI), Switzerland Mr ...**

G Cooper, MJ Cooper, S Coriani, S Crane, MR Das, ... (2021)

Faraday ..., pubs.rsc.org

<https://pubs.rsc.org/en/content/articlepdf/2021/fd/d1fd90036f>

*If you are the author of this article, you do not need to request permission to reproduce figures and diagrams provided correct acknowledgement is given. If you want to reproduce the ...*

-----

**Performance Analysis of PVT Based Hybrid Type Solar Dryer for Drying Food Products**

DD Behera, S Prasad (2021)

researchgate.net

[https://www.researchgate.net/profile/Debashree-Behera/publication/356990816\\_Performance\\_Analysis\\_of\\_PVT\\_Based\\_Hybrid\\_Type\\_Solar\\_Dryer\\_for\\_Drying\\_Food\\_Products/links/61bd6dbd4b318a6970ec2a87/Performance-Analysis-of-PVT-Based-Hybrid-Type-Solar-Dryer-for-Drying-Food-Products.pdf](https://www.researchgate.net/profile/Debashree-Behera/publication/356990816_Performance_Analysis_of_PVT_Based_Hybrid_Type_Solar_Dryer_for_Drying_Food_Products/links/61bd6dbd4b318a6970ec2a87/Performance-Analysis-of-PVT-Based-Hybrid-Type-Solar-Dryer-for-Drying-Food-Products.pdf)

*Preservation of products during peak yields for long term use in lean seasons for retention of f labour, appearance, and quality is the age-old practice in India and the world. From ...*

-----

**Hybrid Method of Video Shot Segmentation Based on YCbCr Space Color Model**

SK Nayak, J Majumdar

researchgate.net

[https://www.researchgate.net/profile/Sasmita-Nayak-7/publication/353662567\\_Hybrid\\_Method\\_of\\_Video\\_Shot\\_Segmentation\\_Based\\_on\\_YCbCr\\_Space\\_Color\\_Model/links/61385de4cf1e892b691a4445/Hybrid-Method-of-Video-Shot-Segmentation-Based-on-YCbCr-Space-Color-Model.pdf](https://www.researchgate.net/profile/Sasmita-Nayak-7/publication/353662567_Hybrid_Method_of_Video_Shot_Segmentation_Based_on_YCbCr_Space_Color_Model/links/61385de4cf1e892b691a4445/Hybrid-Method-of-Video-Shot-Segmentation-Based-on-YCbCr-Space-Color-Model.pdf)

*In this digital world, Video analysis is the most important and useful task. Currently, tremendous tasks have been done in video analysis like compressing the videos, video retrieval ...*

-----

**Studying the Effects of Cu Doping on Structure and Photoluminescence Properties of SnO<sub>2</sub> Nanoparticle with Its Effectiveness towards the Mineralization of Toxic ...**

PK Mishra, NR Panda, SP Pati, ... (2021)

ECS Journal of Solid ..., iopscience.iop.org

<https://doi.org/10.1149/2162-8777/ac0cc6>

*The structural and optical properties of tin oxide (SnO<sub>2</sub>) nanoparticles doped with Cu<sup>2+</sup> ions have been investigated. Suppression of grain growth of tetragonal rutile structured SnO<sub>2</sub> ...*

-----

### **Miraculous medicinal properties of Bamboo**

B Das, PK Singh, J Munna (2021)

Journal of Medicinal Plants, plantsjournal.com

<https://www.plantsjournal.com/archives/2021/vol9issue5/PartA/9-4-4-844.pdf>

*The bamboo is a most important plant of the grasses family Gramineae (Poaceae) with subfamily Bambusoideae. Bamboo is the second harvest plant after the China, making up nearly ...*

-----

### **Validation of fgfcf and ammonium molybdate in visible spectrophotometric determination of eletriptan hydro bromide**

MLN Acharyulu, P Rao, IS Ramakoti, ... (2020)

Research Journal of ..., indianjournals.com

<https://www.indianjournals.com/ijor.aspx?target=ijor:rjst&volume=12&issue=3&article=005>

*Two simple and sensitive visible spectrophotometric methods (A and B) for the assay of Eletriptan Hydro Bromide (EHB) in pure and pharmaceutical formulations were developed. ...*

-----

### **Moringa oleifera Lam: A potential agroforestry tree species**

S Rout, G Sahoo, S Panigrahi, UN Mishra, AK Prusty, ...

researchgate.net

[https://www.researchgate.net/profile/Sandeep-Rout-2/publication/352786823\\_Moringa\\_oleifera\\_Lam\\_A\\_potential\\_agroforestry\\_tree\\_species/links/60d99271299bf1ea9ec73498/Moringa-oleifera-Lam-A-potential-agroforestry-tree-species.pdf](https://www.researchgate.net/profile/Sandeep-Rout-2/publication/352786823_Moringa_oleifera_Lam_A_potential_agroforestry_tree_species/links/60d99271299bf1ea9ec73498/Moringa-oleifera-Lam-A-potential-agroforestry-tree-species.pdf)

*Phytomedicines are gaining popularity, as they are thought to be more effective than traditional drugs. Moringa is well-known for its medicinal properties and a long list of health benefits ...*

-----

### **Impact of Service Quality Attributes in the Delivery of Financial Services in Indian Commercial Banks**

A Samantaray

researchgate.net

[https://www.researchgate.net/profile/Girija-Nandini/publication/354717853\\_Impact\\_of\\_Service\\_Quality\\_Attributes\\_in\\_the\\_Delivery\\_of\\_Financial\\_Services\\_in\\_Indian\\_Commercial\\_Banks/links/6149850f519a1a381f719e6a/Impact-of-Service-Quality-Attributes-in-the-Delivery-of-Financial-Services-in-Indian-Commercial-Banks.pdf](https://www.researchgate.net/profile/Girija-Nandini/publication/354717853_Impact_of_Service_Quality_Attributes_in_the_Delivery_of_Financial_Services_in_Indian_Commercial_Banks/links/6149850f519a1a381f719e6a/Impact-of-Service-Quality-Attributes-in-the-Delivery-of-Financial-Services-in-Indian-Commercial-Banks.pdf)

*Commercial Banks plays the most important role in Indian financial Institutions. Competition is very high in the financial institutions and banks. Pressure is not only in Indian banks also ...*

-----

**A Model for Disease Control and Combat Mapping using Geospatial Technology–A Case Study for Selected Tribal Blocks of Gajapati District, Odisha**

PK Panda, ML Narasimham (2020)

researchgate.net

[https://www.researchgate.net/profile/Prafulla-Panda/publication/342986874\\_A\\_Model\\_for\\_Disease\\_Control\\_and\\_Combat\\_Mapping\\_using\\_Geospatial\\_Technology\\_-\\_A\\_Case\\_Study\\_for\\_Selected\\_Tribal\\_Blocks\\_of\\_Gajapati\\_District\\_Odisha/links/5f104bbea6fdcc3ed70b7435/A-Model-for-Disease-Control-and-Combat-Mapping-using-Geospatial-Technology-A-Case-Study-for-Selected-Tribal-Blocks-of-Gajapati-District-Odisha.pdf](https://www.researchgate.net/profile/Prafulla-Panda/publication/342986874_A_Model_for_Disease_Control_and_Combat_Mapping_using_Geospatial_Technology_-_A_Case_Study_for_Selected_Tribal_Blocks_of_Gajapati_District_Odisha/links/5f104bbea6fdcc3ed70b7435/A-Model-for-Disease-Control-and-Combat-Mapping-using-Geospatial-Technology-A-Case-Study-for-Selected-Tribal-Blocks-of-Gajapati-District-Odisha.pdf)

*... In the present context, an attempted has been made by a team of investigators belonging to department of civil engineering, Centurion University of Technology and Management, ...*

-----

**E-Governance and the Influence of Common Service Centers on Rural Citizens: A Study in Rayagada District**

AK Sahoo, A Patra, D Sahu (2020)

PalArch's Journal of Archaeology ..., archives.palarch.nl

<https://www.archives.palarch.nl/index.php/jae/article/download/4112/4048>

*... , Centurion University of Technology and Management, Odisha, India 3 Head of the Department (HoD), in the department of Business Administration, Utkal University, Odisha, India ...*

-----

**IS TALENT POACHING ETHICAL OR UNETHICAL?**

G Nandini, B Khatri, V Tyagi

researchgate.net

[https://www.researchgate.net/profile/Bhanupriya-Khatri/publication/350615822\\_IS\\_TALENT\\_POACHING\\_ETHICAL\\_OR\\_UNETHICAL/links/606930ba92851c91b19fef8a/IS-TALENT-POACHING-ETHICAL-OR-UNETHICAL.pdf](https://www.researchgate.net/profile/Bhanupriya-Khatri/publication/350615822_IS_TALENT_POACHING_ETHICAL_OR_UNETHICAL/links/606930ba92851c91b19fef8a/IS-TALENT-POACHING-ETHICAL-OR-UNETHICAL.pdf)

*Employee poaching or raiding means the act of aggressively recruiting the best employees of rival organizations. In a highly competitive environment, poaching intends to win over the ...*

-----

**Marine Drive Highway along Central Odisha Coast, India; Feasibility and EIA Inferences**

SP Mishra

researchgate.net

[https://www.researchgate.net/profile/Siba-Mishra/publication/351585572\\_Marine\\_Drive\\_Highway\\_along\\_Central\\_Odisha\\_Coast\\_India\\_Feasibility\\_and\\_EIA\\_Inferences/links/609e82cda6fdcccacb54eb8f/Marine-Drive-Highway-along-Central-Odisha-Coast-India-Feasibility-and-EIA-Inferences.pdf](https://www.researchgate.net/profile/Siba-Mishra/publication/351585572_Marine_Drive_Highway_along_Central_Odisha_Coast_India_Feasibility_and_EIA_Inferences/links/609e82cda6fdcccacb54eb8f/Marine-Drive-Highway-along-Central-Odisha-Coast-India-Feasibility-and-EIA-Inferences.pdf)

*The golden sea beaches of Puri district in Odisha state is panoramic and a myriad tourist attractions from India and abroad. The places are famous for their temples of excellence as a ...*

-----



**Bioinformatics enriched analysis for identification of novel candidate genes and pathways for cystic fibrosis**

A Das, SK Panda, D Sahoo

jst.org.in

<http://jst.org.in/wp-content/uploads/2021/09/JST060512.pdf>

*Cystic Fibrosis, an inherited disorder, is primarily found in white American society. It arises due to alteration in the CFTR gene. Several pieces of evidence insight oxidative stress as one ...*

-----

**Consumer's Perception in Adoption of Clean Energy Products in Areas of South Odisha**

SS Das, SR Behera, DD Behera, S Patnaik

researchgate.net

[https://www.researchgate.net/profile/Shiv-Das/publication/351575216\\_Consumer's\\_Perception\\_in\\_Adoption\\_of\\_Clean\\_Energy\\_Products\\_in\\_Areas\\_of\\_South\\_Odisha/links/609dea4a92851cfd32f574c/Consumers-Perception-in-Adoption-of-Clean-Energy-Products-in-Areas-of-South-Odisha.pdf](https://www.researchgate.net/profile/Shiv-Das/publication/351575216_Consumer's_Perception_in_Adoption_of_Clean_Energy_Products_in_Areas_of_South_Odisha/links/609dea4a92851cfd32f574c/Consumers-Perception-in-Adoption-of-Clean-Energy-Products-in-Areas-of-South-Odisha.pdf)

*Ending poverty and ensuring sustainability are the defining challenges of the recent times. Clean energy has the answer to both [1]. Clean energy plays a significant role in human ...*

-----

**STANDARDIZATION OF IN VITRO REGENERATION OF HYBRID LILIUM Cv. TRESOR**

AA Gochhayat, S Beura, S Rout

researchgate.net

[https://www.researchgate.net/profile/Sandeep-Rout-2/publication/343211491\\_STANDARDIZATION\\_OF\\_IN\\_VITRO\\_REGENERATION\\_OF\\_HYBRID\\_LILIUM\\_Cv\\_TRESOR/links/5f1c276fa6fdcc9626b02e7f/STANDARDIZATION-OF-IN-VITRO-REGENERATION-OF-HYBRID-LILIUM-Cv-TRESOR.pdf](https://www.researchgate.net/profile/Sandeep-Rout-2/publication/343211491_STANDARDIZATION_OF_IN_VITRO_REGENERATION_OF_HYBRID_LILIUM_Cv_TRESOR/links/5f1c276fa6fdcc9626b02e7f/STANDARDIZATION-OF-IN-VITRO-REGENERATION-OF-HYBRID-LILIUM-Cv-TRESOR.pdf)

*An efficient protocol for in vitro conditions from bulb scale explants for culture establishment in hybrid Lilium Cv. Tresor on Murashige and Skoog basal medium supplemented with plant ...*

-----

**A STUDY ON AWARENESS AND PREFERENCE FOR GOLD AND GOLD DERIVED SECURITIES WITH REFERENCE TO GOLD ETFs**

SK Mishra, AKD Mohapatra (2020)

International Journal of Modern ..., modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/download/181/131>

*... , Centurion University of Technology and Management, Odisha, India 2Professor, Dept.of Business Administration, Sambalpur University, ... Administration, Sambalpur University, India*

...

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**Are you ok? I'am not: A call from Africa**

PK Dash, AK Rath, JP Rath (2021)

Archives of ..., metapress.50.issue.archivespp.pl

[http://www.metapress.50.issue.archivespp.pl/uploads/images/2021\\_23\\_1/57Dash\\_Archives\\_PP\\_1\\_2021.pdf](http://www.metapress.50.issue.archivespp.pl/uploads/images/2021_23_1/57Dash_Archives_PP_1_2021.pdf)

*The big surge in mental health issues such as depression, psychosis, psychotic disorders and other allied ailments in Africa call for immediate and serious attention of the global ...*

-----

### **GOLD EXCHANGE TRADED FUNDS AND ITS USEFULNESS AS AN INVESTMENT OPTION OVER GOLD**

SK Mishra, AKD Mohapatra (2020)

International Journal of Modern ..., modern-journals.com

<http://modern-journals.com/index.php/ijma/article/download/183/134>

... , Centurion University of Technology and Management, Odisha, India 2Professor, Dept.of Business Administration, Sambalpur University, ... Administration, Sambalpur University, India

...

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### **Effect of different photoperiod and gelling agent treatments on control of phenolic stress for organ formation from Musa spp. KarpuraChakkarakeli (AAB) ...**

M VISWANATH, BVK BHAGAVAN, ... (2021)

... V-AGMET 2021, researchgate.net

[https://www.researchgate.net/profile/Amarinder-Singh/publication/352440961\\_Simulation\\_of\\_a\\_daptation\\_measures\\_to\\_climate\\_change\\_using\\_CSM\\_-DSSAT\\_model/links/60c9d8c7a6fdcc0c5c86ff8d/Simulation-of-adaptation-measures-to-climate-change-using-CSM-DSSAT-model.pdf#page=293](https://www.researchgate.net/profile/Amarinder-Singh/publication/352440961_Simulation_of_a_daptation_measures_to_climate_change_using_CSM_-DSSAT_model/links/60c9d8c7a6fdcc0c5c86ff8d/Simulation-of-adaptation-measures-to-climate-change-using-CSM-DSSAT-model.pdf#page=293)

... YSR Horticultural University, Venkataramannagudem, Andhra Pradesh, India

4&5Department of Horticulture, Centurion University of Technology and management 1\*

Corresponding ...

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### **RNA Interference: A Functional Genomics Approach for Plant Disease Management**

SS Bharat, S Sahu, SS Sahu, P Mohanty, ... (2021)

Asian Journal of ..., researchgate.net

[https://www.researchgate.net/profile/Pratyasha-Mohanty/publication/354867285\\_RNA\\_Interference\\_A\\_Functional\\_Genomics\\_Approach\\_for\\_Plant\\_Disease\\_Management/links/617cf47d0be8ec17a94b439c/RNA-Interference-A-Functional-Genomics-Approach-for-Plant-Disease-Management.pdf](https://www.researchgate.net/profile/Pratyasha-Mohanty/publication/354867285_RNA_Interference_A_Functional_Genomics_Approach_for_Plant_Disease_Management/links/617cf47d0be8ec17a94b439c/RNA-Interference-A-Functional-Genomics-Approach-for-Plant-Disease-Management.pdf)

... School of Applied Sciences, Centurion University of Technology and Management, R.Sitapur-761211... The authors acknowledge the President of Centurion University of Technology and ...

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### **Compressive Strength of Mortar with Alkali Activated Fly ash and Ground Granulated Blast Furnace Slag**

S Panda, R Panigrahi, ... (2020)  
IOP Conference Series ..., iopscience.iop.org

<https://doi.org/10.1088/1757-899X/970/1/012005>

*The geopolymers concrete is a new technology that replaces ordinary cement concrete with cement less concrete using the different industrial by-products considered as waste to the ...*

-----

### **STUDY ON CORPORATE FINANCIAL DISTRESS SCENARIO IN INDIA**

S Baisag, PK Patjoshi  
researchgate.net

[https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354381737\\_STUDY\\_ON\\_CORPORATE\\_FINANCIAL\\_DISTRESS\\_SCENARIO\\_IN\\_INDIA/links/6135f79c38818c2eaf85dc3a3/STUDY-ON-CORPORATE-FINANCIAL-DISTRESS-SCENARIO-IN-INDIA.pdf](https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354381737_STUDY_ON_CORPORATE_FINANCIAL_DISTRESS_SCENARIO_IN_INDIA/links/6135f79c38818c2eaf85dc3a3/STUDY-ON-CORPORATE-FINANCIAL-DISTRESS-SCENARIO-IN-INDIA.pdf)

*... Shashikanta Baisag Centurion University of Technology & Management, ... Centurion University of Technology & Management, Odisha Pramod Kumar Patjoshi Centurion University of ...*

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### **Dynamic task scheduling using nature inspired algorithms**

SK Nayak, CS Panda (2021)  
J. Math. Comput. Sci., scik.org

<http://scik.org/index.php/jmcs/article/view/5218>

*In this article; introduces a dynamic task scheduling in distributed system. Many techniques have been proposed for dynamic task scheduling problem. In a distributed system; Nature ...*

-----

### **INFLUENCE OF ONLINE RATINGS AND REVIEWS ON CONSUMER BEHAVIOR TOWARDS FMCD PRODUCTS IN ODISHA-A LITERATURE REVIEW**

S Naik, S Dey, SR Dash  
researchgate.net

[https://www.researchgate.net/profile/Sisir-Dash-2/publication/350754173\\_INFLUENCE\\_OF\\_ONLINE\\_RATINGS\\_AND\\_REVIEWS\\_ON\\_CONSUMER\\_BEHAVIOR\\_TOWARDS\\_FMCD\\_PRODUCTS\\_IN\\_ODISHA-A\\_LITERATURE\\_REVIEW/links/606ff5d24585150fe993c468/INFLUENCE-OF-ONLINE-RATINGS-AND-REVIEWS-ON-CONSUMER-BEHAVIOR-TOWARDS-FMCD-PRODUCTS-IN-ODISHA-A-LITERATURE-REVIEW.pdf](https://www.researchgate.net/profile/Sisir-Dash-2/publication/350754173_INFLUENCE_OF_ONLINE_RATINGS_AND_REVIEWS_ON_CONSUMER_BEHAVIOR_TOWARDS_FMCD_PRODUCTS_IN_ODISHA-A_LITERATURE_REVIEW/links/606ff5d24585150fe993c468/INFLUENCE-OF-ONLINE-RATINGS-AND-REVIEWS-ON-CONSUMER-BEHAVIOR-TOWARDS-FMCD-PRODUCTS-IN-ODISHA-A-LITERATURE-REVIEW.pdf)

*... the purpose of the study and surveys were carried out among university students in Odisha. ... School of Management, Centurion University of Technology and Management, Odisha, India ...*

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### **Salicylic acid modulates ACS, NHX1, sos1 and HKT1; 2 expression to regulate ethylene overproduction and Na ions toxicity that leads to improved ...**

YR Rao, MW Ansari, RK Sahoo, RK Wattal, N Tuteja, ... (2021)  
researchgate.net

[https://www.researchgate.net/profile/Yalaga-Rama-Rao/publication/353200936\\_Salicylic\\_acid\\_modulates\\_ACS\\_NHX1\\_sos1\\_and\\_HKT12\\_expression\\_to\\_regulate\\_ethylene\\_overproduction\\_and\\_Na\\_ions\\_toxicity\\_that\\_leads\\_to\\_improved\\_physiological\\_status\\_and\\_enhanced\\_salinity\\_stress\\_tolerance\\_/links/6156d87b4a82eb7cb5d94ca8/Salicylic-acid-modulates-ACS-NHX1-sos1-and-HKT12-expression-to-regulate-ethylene-overproduction-and-Na-ions-toxicity-that-leads-to-improved-physiological-status-and-enhanced-salinity-stress-tolera.pdf](https://www.researchgate.net/profile/Yalaga-Rama-Rao/publication/353200936_Salicylic_acid_modulates_ACS_NHX1_sos1_and_HKT12_expression_to_regulate_ethylene_overproduction_and_Na_ions_toxicity_that_leads_to_improved_physiological_status_and_enhanced_salinity_stress_tolerance_/links/6156d87b4a82eb7cb5d94ca8/Salicylic-acid-modulates-ACS-NHX1-sos1-and-HKT12-expression-to-regulate-ethylene-overproduction-and-Na-ions-toxicity-that-leads-to-improved-physiological-status-and-enhanced-salinity-stress-tolera.pdf)

*Tomato is an important crop for its high nutritional and medicinal properties. The role of salicylic acid (SA) in 1-aminocyclopropane-1-carboxylate synthase (ACS), sodium-hydrogen ...*

-----

#### **A Note on Generalized Indexed Product Summability**

A Mishra, BP Padhy, BK Majhi, ... (2020)

International Journal of ..., etamaths.com

<http://www.etamaths.com/index.php/ijaa/article/view/2035>

*In the past, many researchers like Szasz, Rajgopal, Parameswaran, Ramanujan, Das, Sulaiman, have established results on products of two summability methods. In the present article, ...*

-----

#### **Performance characteristics of solar pump in the Bhubaneswar region of Odisha**

SK Sarangi, BS Singh, B Naik, MK Hota, N Sahoo (2020)

IJCS

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#### **PYTHON BASED DATA PRESENTATION OF INDUSTRIAL AUTOMATION**

G Modak, D Shu

Journal of Xi'an Shiyou University ISSN No, xisdxjsu.asia

<https://www.xisdxjsu.asia/d75c96aec4b14609ddea272332fb09fd.pdf>

*A set of predefined jobs executed sequentially and systematically by the help of hardware and software is the concept of industrial automation. Industrial automation helps in Increasing ...*

-----

#### **Genetic Variability and Character Association Studies in Indian Mustard (Brassica juncea L.)**

S Chakraborty, A Kumar, C Kishore, A Kumar, ... (2021)

IJECC

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#### **EMPIRICAL REVIEW ON FACE RECOGNITION MODELS**

SS Redla, B Mallik, J Satpathy, ...

Recent Trends and ..., editedbook.in

<https://www.editedbook.in/pdf/recent-trends-and-developments-in-applied-research-by-kishor-ku-mar-dash.pdf#page=58>

*Face (expression) recognition (FR) is a very exciting problem in the area of image processing and computer vision. Any FR system should be savvy to unequivocally detect facial images...*

-----

### **Statistical Designing and Characterization of Valsartan Oral Disintegrating Tablet**

IA Syed, C Patro, AM Alshanberi, SA Ansari (2021)

researchgate.net

[https://www.researchgate.net/profile/Asim-Alshanberi/publication/359761114\\_Statistical\\_Designing\\_and\\_Characterization\\_of\\_Valsartan\\_Oral\\_Disintegrating\\_Tablet/links/624d7d534f88c3119ce2c1f2/Statistical-Designing-and-Characterization-of-Valsartan-Oral-Disintegrating-Tablet.pdf](https://www.researchgate.net/profile/Asim-Alshanberi/publication/359761114_Statistical_Designing_and_Characterization_of_Valsartan_Oral_Disintegrating_Tablet/links/624d7d534f88c3119ce2c1f2/Statistical-Designing-and-Characterization-of-Valsartan-Oral-Disintegrating-Tablet.pdf)

*The present study involves the formulation and characterization of valsartan (VT) oral disintegrating tablets by using crospovidone (CP) and Hibiscus rosasinensis (HRS) mucilage as*

...

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### **Molecular Cytogenetics in Agriculture: A Perspective on Rice Improvements**

A Rout, S Hussain, S Nanda

researchgate.net

[https://www.researchgate.net/profile/Satyabrata-Nanda/publication/349310931\\_Molecular\\_Cytogenetics\\_in\\_Agriculture\\_A\\_Perspective\\_on\\_Rice\\_Improvements/links/602a13aea6fdcc37a8291830/Molecular-Cytogenetics-in-Agriculture-A-Perspective-on-Rice-Improvements.pdf](https://www.researchgate.net/profile/Satyabrata-Nanda/publication/349310931_Molecular_Cytogenetics_in_Agriculture_A_Perspective_on_Rice_Improvements/links/602a13aea6fdcc37a8291830/Molecular-Cytogenetics-in-Agriculture-A-Perspective-on-Rice-Improvements.pdf)

*Cytogenetic studies in plant science are extremely old strategy and widely used in the crop improvements. Moreover, the onset of molecular cytogenetics and the advances thereby has ...*

-----

### **Cleaner Engineering and Technology**

RK Majhi, A Padhy, AN Nayak

researchgate.net

[https://www.researchgate.net/profile/Amar-Nayak-8/publication/351669159\\_Performance\\_of\\_structural\\_lightweight\\_concrete\\_produced\\_by\\_utilizing\\_high\\_volume\\_of\\_fly\\_ash\\_cenosphere\\_and\\_sintered\\_fly\\_ash\\_aggregate\\_with\\_silica\\_fume/links/60d98a37458515d6f6be382d5/Performance-of-structural-lightweight-concrete-produced-by-utilizing-high-volume-of-fly-ash-cenosphere-and-sintered-fly-ash-aggregate-with-silica-fume.pdf](https://www.researchgate.net/profile/Amar-Nayak-8/publication/351669159_Performance_of_structural_lightweight_concrete_produced_by_utilizing_high_volume_of_fly_ash_cenosphere_and_sintered_fly_ash_aggregate_with_silica_fume/links/60d98a37458515d6f6be382d5/Performance-of-structural-lightweight-concrete-produced-by-utilizing-high-volume-of-fly-ash-cenosphere-and-sintered-fly-ash-aggregate-with-silica-fume.pdf)

*The increased productivity of fly ash, a waste from the power plants, and the reduced availability of natural aggregates are severe threats to our environment's sustainability. The ...*

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### **BUILDING RESILIENCE: THE WAY FORWARD SOCIAL INNOVATION-OPPORTUNITIES AND BENEFITS IN ODISHA**

JK Kumari, U Nayak (2021)

International Journal of Management (IJM), academia.edu

[https://www.academia.edu/download/67619716/IJM\\_12\\_04\\_060.pdf](https://www.academia.edu/download/67619716/IJM_12_04_060.pdf)

*Downsizing inequity and expediting the real, purposeful widespread inclusive growth is the most important challenge of the age. This paper aims to understand the opportunities and ...*

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**Plant derived immune booster & antiviral agents: source of nutraceutical-pharmaceuticals from wild against novel infectious diseases**

A Dash, M Basumatary, HB Dash, JY Jadhav, S Kumar  
researchgate.net

[https://www.researchgate.net/profile/Sanjeet-Kumar-16/publication/353381027\\_Plant\\_derived\\_immune\\_booster\\_antiviral\\_agents\\_source\\_of\\_nutraceutical-pharmaceuticals\\_from\\_wild\\_against\\_novel\\_infectious\\_diseases/links/60f96045169a1a0103ab876f/Plant-derived-immune-booster-antiviral-agents-source-of-nutraceutical-pharmaceuticals-from-wild-against-novel-infectious-diseases.pdf](https://www.researchgate.net/profile/Sanjeet-Kumar-16/publication/353381027_Plant_derived_immune_booster_antiviral_agents_source_of_nutraceutical-pharmaceuticals_from_wild_against_novel_infectious_diseases/links/60f96045169a1a0103ab876f/Plant-derived-immune-booster-antiviral-agents-source-of-nutraceutical-pharmaceuticals-from-wild-against-novel-infectious-diseases.pdf)

*The immuno-boosting plants will play a vital role to protect from the infectious diseases like COVID-19. The phagocyte-microbe interactions in the immune system is a defense ...*

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**Biopesticides and their Encapsulation Techniques: Current Updates and Future Prospective**

S Nanda, T Mondal, SK Yadav, G Kumar  
researchgate.net

[https://www.researchgate.net/profile/Gagan-Kumar-2/publication/353583458\\_Biopesticides\\_and\\_their\\_Encapsulation\\_Techniques\\_Current\\_Updates\\_and\\_Future\\_Prospective/links/61042ab1e95fe241a9c30be/Biopesticides-and-their-Encapsulation-Techniques-Current-Updates-and-Future-Prospective.pdf](https://www.researchgate.net/profile/Gagan-Kumar-2/publication/353583458_Biopesticides_and_their_Encapsulation_Techniques_Current_Updates_and_Future_Prospective/links/61042ab1e95fe241a9c30be/Biopesticides-and-their-Encapsulation-Techniques-Current-Updates-and-Future-Prospective.pdf)

*Exploitation of chemical fertilizers and synthetic pesticides are serious problems for today's agriculture. Use of these chemical substances destabilize the natural soil microbial content ...*

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**Development and Validation of Ultraviolet and Reverse Phase-high Performance Liquid Chromatographic Method for Estimation of Cilnidipine**

B Samantaray, J Panda, S Mahapatra, K Ray, S Kanhar (2021)  
JPRI

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**Bio-efficacy and phytotoxicity study of 2, 4-D ethyl ester 38% EC in kharif rice**

A KUNDU, J KOIRENG (2020)  
Journal of Crop and Weed, researchgate.net

[https://www.researchgate.net/profile/Sagar-Maitra/publication/346060136\\_Bio-efficacy\\_and\\_phytotoxicity\\_study\\_of\\_2\\_4-D\\_ethyl\\_ester\\_38\\_EC\\_in\\_kharif\\_rice/links/5fb950c992851c933f4ad4be/Bio-efficacy-and-phytotoxicity-study-of-2-4-D-ethyl-ester-38-EC-in-kharif-rice.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/346060136_Bio-efficacy_and_phytotoxicity_study_of_2_4-D_ethyl_ester_38_EC_in_kharif_rice/links/5fb950c992851c933f4ad4be/Bio-efficacy-and-phytotoxicity-study-of-2-4-D-ethyl-ester-38-EC-in-kharif-rice.pdf)

*An experiment was conducted in the Regional Research Station, Chakdaha of West Bengal during kharif season of 2013 to study the bio-efficacy and phytotoxicity of 2, 4-D ethyl ester ...*

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**Event Driven Sampling with Activity Selection & Asynchronous Sigma Delta Modulator**

V Ravuri, TS Kumar, SS Nayak (2020)  
researchgate.net

[https://www.researchgate.net/profile/Viswanadham-Ravuri/publication/341042686\\_Event\\_Drive\\_n\\_Sampling\\_with\\_Activity\\_Selection\\_Asynchronous\\_Sigma\\_Delta\\_Modulator/links/5eab769845851592d6ae6563/Event-Driven-Sampling-with-Activity-Selection-Asynchronous-Sigma-Delta-Modulator.pdf](https://www.researchgate.net/profile/Viswanadham-Ravuri/publication/341042686_Event_Drive_n_Sampling_with_Activity_Selection_Asynchronous_Sigma_Delta_Modulator/links/5eab769845851592d6ae6563/Event-Driven-Sampling-with-Activity-Selection-Asynchronous-Sigma-Delta-Modulator.pdf)

*The recent smart city applications involve more number of Internet of Things (IoT) devices or sensors in order to operate the functions accurately and analyze the conditions more ...*

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### **Bio-Fertilizer in Forest Nursery-A Review**

S Kar, S Rout, ML Sahu, Y Sharma, ... (2020)  
International Journal of ..., researchgate.net

[https://www.researchgate.net/profile/Sandeep-Rout-2/publication/349110258\\_Bio-Fertilizer\\_in\\_Forest\\_Nursery-A\\_Review/links/60211049a6fdcc37a80ed293/Bio-Fertilizer-in-Forest-Nursery-A-Review.pdf](https://www.researchgate.net/profile/Sandeep-Rout-2/publication/349110258_Bio-Fertilizer_in_Forest_Nursery-A_Review/links/60211049a6fdcc37a80ed293/Bio-Fertilizer-in-Forest-Nursery-A-Review.pdf)

*Many micro-organisms like bacteria, fungi, algae possess plant growth promoting mechanisms. These micro-organisms may be implemented as biofertilizers in agriculture and forestry, ...*

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### **Amelioration of Aluminium Toxicity by Calcium: Evaluated in Conventional and Modified Allium Test**

AK Rath  
researchgate.net

[https://www.researchgate.net/profile/Aswini-Rath/publication/349303323\\_Amelioration\\_of\\_Aluminium\\_Toxicity\\_by\\_Calcium\\_Evaluated\\_in\\_Conventional\\_and\\_Modified\\_Allium\\_Test/links/602942c04585158939a4de5a/Amelioration-of-Aluminium-Toxicity-by-Calcium-Evaluated-in-Conventional-and-Modified-Allium-Test.pdf](https://www.researchgate.net/profile/Aswini-Rath/publication/349303323_Amelioration_of_Aluminium_Toxicity_by_Calcium_Evaluated_in_Conventional_and_Modified_Allium_Test/links/602942c04585158939a4de5a/Amelioration-of-Aluminium-Toxicity-by-Calcium-Evaluated-in-Conventional-and-Modified-Allium-Test.pdf)

*Allium test is the oldest and the most reliable of the different tests to evaluate the toxicities of metallic compounds. As the conventional Allium test suffers from a number of drawbacks it ...*

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### **PHARMACOLOGICAL INTERACTION BETWEEN ANTI-DIABETIC DRUGS AND HERBS: AN OVERVIEW OF MECHANISM OF ACTION AND CLINICAL ...**

JR Dash, B Kar, G Pattnaik  
plantarchives.org

[http://www.plantarchives.org/20-2/3661-3668%20\(6478\).pdf](http://www.plantarchives.org/20-2/3661-3668%20(6478).pdf)

*Pharmacological interaction between anti diabetic agents with herb poses a challenge for safety and efficacy for the management of diabetes. The population belief that the herbs are ...*

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### **Impact of efficacious and detrimental factors of social media on public usage behaviour in the age of covid-19 pandemic: in case of srikakulam, ap**

K Venugopal, S Das, MK Pukkala, ... (2020)  
PalArch's Journal of ..., archives.palarch.nl

<https://www.archives.palarch.nl/index.php/jae/article/view/4140>

*Having attained the firm footing in technological adoption, the usage of social media sites by Indians have been found considerably significant. Yet, there has been the transition ...*

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### **Effect of pH and temperature on swelling Behaviour of tamarind gum**

BB Panda, RN Sahoo, N Nayak, ... (2021)

Research Journal of ..., rjptonline.org

<https://rjptonline.org/AbstractView.aspx?PID=2021-14-10-72>

*Natural gum tamarind is a plant polysaccharide extracted from seeds endosperm of the plant, Tamarindus indica Linn. Thin film of the gum was prepared by direct compression method. ...*

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### **Liquid Biofertilizer-an Innovative Tool for Sustainable Agriculture**

S Duary

researchgate.net

[https://www.researchgate.net/profile/Swarnali-Duary/publication/357430351\\_Liquid\\_Biofertilizer-an\\_Innovative\\_Tool\\_for\\_Sustainable\\_Agriculture/links/61cdc9c7b6b5667157b76964/Liquid-Biofertilizer-an-Innovative-Tool-for-Sustainable-Agriculture.pdf](https://www.researchgate.net/profile/Swarnali-Duary/publication/357430351_Liquid_Biofertilizer-an_Innovative_Tool_for_Sustainable_Agriculture/links/61cdc9c7b6b5667157b76964/Liquid-Biofertilizer-an-Innovative-Tool-for-Sustainable-Agriculture.pdf)

*Liquid biofertilizers (LFs) are containing specific beneficial microorganisms which are capable of fixing or solubilizing or mobilizing plant nutrients by their biological activity. To directly ...*

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### **NOVEL PERIODONTAL POCKET DRUG DELIVERY SYSTEMS FOR THE TREATMENT OF PERIODONTITIS**

HB Samal, CN Patra, L Boyeena, IJ Das (2021)

indiandrugsonline.org

<http://www.indiandrugsonline.org/issuesarticle-details?id=MTE1Nw==>

*Periodontitis describes a group of related inflammatory diseases resulting in the destruction of the tissues that support the tooth. This disease results from the growth of diverse ...*

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### **THE INVERTASE-A REVIEW**

N Kumari, K Sethy

ijbbas.com

<https://www.ijbbas.com/valume-1%20issue-2/IJBAS20010206.pdf>

*Invertase is an enzymes that catalyzes conversion of sucrose into glucose and fructose, is glycoprotein that works on pH 4.5 and stability at 50°C. it is broadly delivered in the biosphere ...*

...

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### **Application of various mulching treatments with pitcher irrigation for yield of tomato (Lycopersicon esculentum) in red and laterite soil**

AP Mahata, A Mondal, A Pal, SK De (2021)

Annals of the Romanian ..., annalsofrscb.ro



<https://annalsofrscb.ro/index.php/journal/article/download/9022/6588>

*Mulch along with pitcher irrigation technique enhances water use efficiency by checking evaporation and thereby conserves soil moisture, which in turn enhances microbial activities as*

...

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### **IMPACT OF CSR ON ACQUIRING FIRM'S PERFORMANCE: AN EMPIRICAL ANALYSIS**

DP Satapathy, SR Mohapatra (2020)

PalArch's Journal of Archaeology ..., archives.palarch.nl

<https://archives.palarch.nl/index.php/jae/article/view/4573>

*ABSTRACT The paper tries to search is there any connotation between acquiring firm performance about corporate social responsibility perspective. Mergers and acquisitions have ...*

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### **Nematophagous Fungi: An Alternative Green Approach Against Chemical Nematicides**

B Teli, R Bajpai, M Rashid, G Kumar (2020)

AGRO ECONOMIST, researchgate.net

[https://www.researchgate.net/profile/T-Neelima/publication/350176344\\_Yield\\_Gap\\_Analysis\\_of\\_Rice\\_Under\\_Priyadarshini\\_Jurala\\_Command\\_Area\\_Using\\_RS\\_and\\_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=107](https://www.researchgate.net/profile/T-Neelima/publication/350176344_Yield_Gap_Analysis_of_Rice_Under_Priyadarshini_Jurala_Command_Area_Using_RS_and_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=107)

*Plant parasitic nematodes are causing major problems in agricultural crop production. The earlier chemical management approaches are polluting the soils. So, utilization of ...*

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### **ONLINE SHOPPING: IMPACT ON CONSUMER BEHAVIOR**

G Nandini, A Samantaray

Identity, researchgate.net

[https://www.researchgate.net/profile/Girija-Nandini/publication/354718186\\_ONLINE\\_SHOPPING\\_IMPACT\\_ON\\_CONSUMER\\_BEHAVIOR/links/614986b4a3df59440b9d5eab/ONLINE-SHOPPING-IMPACT-ON-CONSUMER-BEHAVIOR.pdf](https://www.researchgate.net/profile/Girija-Nandini/publication/354718186_ONLINE_SHOPPING_IMPACT_ON_CONSUMER_BEHAVIOR/links/614986b4a3df59440b9d5eab/ONLINE-SHOPPING-IMPACT-ON-CONSUMER-BEHAVIOR.pdf)

*Online shopping is the today's trend in all over the world. Indian market is also growing in terms of online shopping. Due to busy life many people prefer online shopping rather than ...*

-----

### **Novel Structural and Optical Properties of Eu doped ZnO Nanoparticles Prepared by Chemical Co-Precipitation Method**

D Sahu

researchgate.net

[https://www.researchgate.net/profile/Dojalisa-Sahu-2/publication/357769020\\_Novel\\_Structural\\_and\\_Optical\\_Properties\\_of\\_Eu\\_doped\\_ZnO\\_Nanoparticles\\_Prepared\\_by\\_Chemical\\_Co-Precipitation\\_Method/links/61e7a0058d338833e37c40df/Novel-Structural-and-Optical-Properties-of-Eu-doped-ZnO-Nanoparticles-Prepared-by-Chemical-Co-Precipitation-Method.pdf](https://www.researchgate.net/profile/Dojalisa-Sahu-2/publication/357769020_Novel_Structural_and_Optical_Properties_of_Eu_doped_ZnO_Nanoparticles_Prepared_by_Chemical_Co-Precipitation_Method/links/61e7a0058d338833e37c40df/Novel-Structural-and-Optical-Properties-of-Eu-doped-ZnO-Nanoparticles-Prepared-by-Chemical-Co-Precipitation-Method.pdf)

*We have carried out study to understand the structural and optical properties of nanoZnO by doping rare earth element Eu into it. The synthesis was carried by chemical co-precipitation ...*

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**Technical Analysis of Selected Industry Leaders of Indian Stock Market under the Cloud of Covid-19**

G Nandini, R Samal  
researchgate.net

[https://www.researchgate.net/profile/Girija-Nandini/publication/343970170\\_Technical\\_Analysis\\_of\\_Selected\\_Industry\\_Leaders\\_of\\_Indian\\_Stock\\_Market\\_under\\_the\\_Cloud\\_of\\_Covid-19/links/608bd8a6afdccaebdf9286b/Technical-Analysis-of-Selected-Industry-Leaders-of-Indian-Stock-Market-under-the-Cloud-of-Covid-19.pdf](https://www.researchgate.net/profile/Girija-Nandini/publication/343970170_Technical_Analysis_of_Selected_Industry_Leaders_of_Indian_Stock_Market_under_the_Cloud_of_Covid-19/links/608bd8a6afdccaebdf9286b/Technical-Analysis-of-Selected-Industry-Leaders-of-Indian-Stock-Market-under-the-Cloud-of-Covid-19.pdf)

*Technical Analysis is a technique to understand and forecast the stock market. It is a technique to analyse the historical stock price of stock market to predict the future to get more profit ...*

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**Constraints faced by Farmers towards Resource Management in Puri District, Odisha, India**

SR Mohapatro, BP Mohapatra, AK Prusty, ... (2020)  
Ind. J. Pure App ..., researchgate.net

[https://www.researchgate.net/profile/Ajay-Prusty-2/publication/345761478\\_Constraints\\_faced\\_by\\_Farmers\\_towards\\_Resource\\_Management\\_in\\_Puri\\_District\\_Odisha\\_India/links/5facf28c299bf18c5b6a0dd6/Constraints-faced-by-Farmers-towards-Resource-Management-in-Puri-District-Odisha-India.pdf](https://www.researchgate.net/profile/Ajay-Prusty-2/publication/345761478_Constraints_faced_by_Farmers_towards_Resource_Management_in_Puri_District_Odisha_India/links/5facf28c299bf18c5b6a0dd6/Constraints-faced-by-Farmers-towards-Resource-Management-in-Puri-District-Odisha-India.pdf)

*A study was carried out in Puri district of Odisha. Proportionate stratified random sampling technique was followed to select the sample size of 142 farmers. The study revealed that 51.4...*

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**Pitcher irrigation and surface cover management on bitter gourd (Momordica charantia) production in alfisols**

AP Mahata, A Mondal, A Pal, SK De  
researchgate.net

[https://www.researchgate.net/profile/Arunabha-Pal/publication/352993897\\_Pitcher\\_irrigation\\_and\\_surface\\_cover\\_management\\_on\\_bitter\\_gourd\\_Momordica\\_charantia\\_production\\_in\\_alfisols/links/60e2ece492851ca944aa1711/Pitcher-irrigation-and-surface-cover-management-on-bitter-gourd-Momordica-charantia-production-in-alfisols.pdf](https://www.researchgate.net/profile/Arunabha-Pal/publication/352993897_Pitcher_irrigation_and_surface_cover_management_on_bitter_gourd_Momordica_charantia_production_in_alfisols/links/60e2ece492851ca944aa1711/Pitcher-irrigation-and-surface-cover-management-on-bitter-gourd-Momordica-charantia-production-in-alfisols.pdf)

*Pitcher irrigation is a self-regulative, low cost and eco-friendly technique of irrigation having high potential of energy saving, water saving and very much efficient in vegetable and ...*

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**Alteration of Water Quality Parameters Due to Iron Ore Mining in Keonjhar District, Odisha, India**

N Badajena, SK Mohanty, ... (2020)  
International Journal of ..., modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/view/304>

*Water is considered as one of the principal necessities of survival of life. We can't live without water. We get water from rivers, lakes, tanks, and springs and also from some ground water ...*

-----

**Effects of drilling parameters on TI-6Al-4V alloy using different coolants**

R Bammidi, KS Prasad, PS Rao (2020)

Journal of Engineering & ..., jepm.tfzv.ues.rs.ba

<https://jepm.tfzv.ues.rs.ba/index.php/pub/article/view/178>

*The formulation or application of coolants plays a critical role in machining to bring out the best finished products. In this scientific article, the study focused on the effects of coolants and ...*

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**Fresh Fish: Handling, Transportation and Preservation**

M Mishra, GN Kulkarni, ... (2021)

Biotica Research Today, bioticainternational.com

<https://bioticainternational.com/ojs/index.php/biorestoday/article/view/905>

*The fresh fish has provided an immense opportunity to millions of people for employment as well as food. Fishermen, fish processors and traders in many countries often rely on simple ...*

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**Gum Production and its Sustainable Harvest from Forest: a Review**

T Paramanik, S Bhattacharyya (2021)

researchgate.net

[https://www.researchgate.net/profile/Dr-Shantanu-Bhattacharyya/publication/351257474\\_Gum\\_Production\\_and\\_its\\_Sustainable\\_Harvest\\_from\\_Forest\\_a\\_Review/links/608dafb6299bf1ad8d6fa0c7/Gum-Production-and-its-Sustainable-Harvest-from-Forest-a-Review.pdf](https://www.researchgate.net/profile/Dr-Shantanu-Bhattacharyya/publication/351257474_Gum_Production_and_its_Sustainable_Harvest_from_Forest_a_Review/links/608dafb6299bf1ad8d6fa0c7/Gum-Production-and-its-Sustainable-Harvest-from-Forest-a-Review.pdf)

*... Authors acknowledge the Regional director and Principal School of Applied Sciences, Centurion University of Technology and Management Odisha for providing the facilities to carry ...*

...

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**Physiological and Biochemical Changes During Storage of Spices and Medicinal Crops**

MCS Rao, DV Swami, SP Nanda, N Datta (2020)

AGRO ECONOMIST, researchgate.net

[https://www.researchgate.net/profile/T-Neelima/publication/350176344\\_Yield\\_Gap\\_Analysis\\_of\\_Rice\\_Under\\_Priyadarshini\\_Jurala\\_Command\\_Area\\_Using\\_RS\\_and\\_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=37](https://www.researchgate.net/profile/T-Neelima/publication/350176344_Yield_Gap_Analysis_of_Rice_Under_Priyadarshini_Jurala_Command_Area_Using_RS_and_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=37)

*India is well known as Home of Spices, which exports spices to more than 130 countries across world. Of the total spices produced only 6-7% is exported and rest to domestic market. ...*

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## **An Overview Of World Gold & Gold ETF Markets During And Post-Covid-19 Scenario**

SK Mishra, AKD Mohapatra (2020)

PalArch's Journal of Archaeology ..., archives.palarch.nl

<https://archives.palarch.nl/index.php/jae/article/download/3153/3166>

*The sudden and unexpected Pandemic resulting from Corona Virus also known as COVID-19 casts a shadow on the world economic scenario. This situation was unexpected and ...*

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## **Emerging Plant Growth Regulators in Agriculture: Roles in Stress Tolerance**

M Naeem, T Aftab (2021)

books.google.com

<https://books.google.com/books?hl=en&lr=&id=A1RFEAAAQBAJ&oi=fnd&pg=PP1&dq=centurion+university&ots=0nl4LPV7Hs&sig=Bf6RsiEjcLZSFI1GmrFYdaNq4ek>

*... Department of Biotechnology, School of Biological Sciences, University of Kashmir, Srinagar Jammu and Kashmir, India Sagar Maitra Department of Agronomy, Centurion University of ...*

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## **Intricacies of Programmed Cell Death in Plants**

MM Rashid, B Teli, R Bajpai, G Kumar

justagriculture.in

<https://justagriculture.in/files/newsletter/2021/march/32.pdf>

*The homeostasis in plant cells disrupt during their interaction with phytopathogens which often caused cellular death in case of both resistance and susceptible reactions. The ...*

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## **INVESTMENT ALTERNATIVES AND PREFERENCES OF RURAL INVESTORS: A CASE STUDY OF BARANG BLOCK, ODISHA, INDIA**

P Tripathy, PK Patjoshi

researchgate.net

[https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354402437\\_INVESTMENT\\_ALTERNATIVES\\_AND\\_PREFERENCES\\_OF\\_RURAL\\_INVESTORS\\_A\\_CASE\\_STUDY\\_OF\\_BARANG\\_BLOCK\\_ODISHA\\_INDIA/links/613714642b40ec7d8bed65d8/INVESTMENT-ALTERNATIVES-AND-PREFERENCES-OF-RURAL-INVESTORS-A-CASE-STUDY-OF-BARANG-BLOCK-ODISHA-INDIA.pdf](https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354402437_INVESTMENT_ALTERNATIVES_AND_PREFERENCES_OF_RURAL_INVESTORS_A_CASE_STUDY_OF_BARANG_BLOCK_ODISHA_INDIA/links/613714642b40ec7d8bed65d8/INVESTMENT-ALTERNATIVES-AND-PREFERENCES-OF-RURAL-INVESTORS-A-CASE-STUDY-OF-BARANG-BLOCK-ODISHA-INDIA.pdf)

*Investment is an economic movement which helps to generates capital requirements for the economic growth of various sectors. Options for investments are increased because ...*

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## **VENDOR PERFORMANCE RATING SYSTEM–A MODEL FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION (EPC) BASED ORGANIZATIONS**

PK Patjoshi, SK Patra

researchgate.net

[https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354403492\\_VENDOR\\_PERF](https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354403492_VENDOR_PERF)

PERFORMANCE RATING SYSTEM -A MODEL FOR ENGINEERING PROCUREMENT AND  
CONSTRUCTION EPC BASED ORGANIZATIONS/links/613745c80360302a00847669/  
VENDOR-PERFORMANCE-RATING-SYSTEM-A-MODEL-FOR-ENGINEERING-PROCUR-  
EMENT-AND-CONSTRUCTION-EPC-BASED-ORGANIZATIONS.pdf

*Assurance in Quality deals beardedly with multi sourcing as well as vendor expansion  
undertakings. The vendors present in the system are reviewed for extension of their agreement.*

...

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**The Aftereffects of IMF Interventions on International Trade: Lessons from the Indian  
Experience**

SR Dash, B Mallik, B Purohit, ... (2020)

International Journal of ..., modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/view/303>

*Loans from IMF in the form of SDRs are always conditional and the conditions are to implement  
structural adjustments in the economy of beneficiary nations. In this context, one of the ...*

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**Phytochemical Screening and Comparative Anthelmintic Activity of Psidium guajava L.  
Leaves extract against Pheretima posthuma**

DK Pradhan, MR Mishra, A Hota (2021)

Journal of ..., sciresol.s3.us-east-2.amazonaws.com ...

[https://sciresol.s3.us-east-2.amazonaws.com/srs-j/jpr/pdf/volume-20/issue-3/JPR\\_v20i3\\_MS21042.pdf](https://sciresol.s3.us-east-2.amazonaws.com/srs-j/jpr/pdf/volume-20/issue-3/JPR_v20i3_MS21042.pdf)

*Objective: Psidium guajava L.(Family: Myrtaceae.), commonly known as Guava, is a  
well-known traditional medicinal plant used in treatment of vomiting, diarrhea, dysentery,  
flatulence, ...*

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**QUALITY ASSESSMENT OF GROUNDWATER IN THE WESTERN PARTS OF  
CHHATTISGARH (RAJNANDGAON DISTRICT), INDIA**

N PRITHVIRAJ, JK TRIPATHY, SR PANDA, KK BARIK

envirobiotechjournals.com

<http://www.envirobiotechjournals.com/PR/v40i121/Poll%20Res-17.pdf>

*Detailed hydrochemical analysis was carried out on a number of water samples collected from  
the Ambagarhchowki block of, Rajnandgaon district, Chhattisgarh to assess the quality of ...*

-----

**Self-Assessed Hearing Handicap and Quality of Life in Elderly Population**

J Panda, S Misra, S Pattanayak

academia.edu

<https://www.academia.edu/download/64070986/31.pdf>

*Hearing loss can occur throughout the life span. Presbycusis is the most common cause of*

*hearing loss in elderly individuals. There is large individual variability in perceived hearing ...*

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### **Glucose Regulation by the Action of Insulin Signaling Pathway**

D Saha, D Datta (2020)

Biotica Research Today, bioticainternational.com

<https://www.bioticainternational.com/ojs/index.php/bioretoday/article/view/100>

*As we all know if we consume much of carbohydrate rich food, it may increase the sugar (glucose) levels in our blood which in turn may cause severe damage to our health. In this case*

...

-----

### **Alleviation of Safety Measures in Underground Coal Mines Using Wireless Sensor Network: A Survey**

J Pramanik, SK Das, AK Samal

researchgate.net

[https://www.researchgate.net/profile/Sameer-Das/publication/340107541\\_Alleviation\\_of\\_Safety\\_Measures\\_in\\_Underground\\_Coal\\_Mines\\_Using\\_Wireless\\_Sensor\\_Network\\_A\\_Survey/links/5e6b048da6fdcc73be84fb31/Alleviation-of-Safety-Measures-in-Underground-Coal-Mines-Using-Wireless-Sensor-Network-A-Survey.pdf](https://www.researchgate.net/profile/Sameer-Das/publication/340107541_Alleviation_of_Safety_Measures_in_Underground_Coal_Mines_Using_Wireless_Sensor_Network_A_Survey/links/5e6b048da6fdcc73be84fb31/Alleviation-of-Safety-Measures-in-Underground-Coal-Mines-Using-Wireless-Sensor-Network-A-Survey.pdf)

*Mining is one of the oldest endeavors regarded of mankind along with agriculture. To ensure personal safety of miners and maximizing the mining process improvements in safety ...*

-----

### **Micronutrients: A way to quality fruit production**

C Jena, K Pramanik

researchgate.net

[https://www.researchgate.net/profile/Chinmaya-Jena-5/publication/344428675\\_Micronutrients\\_A\\_way\\_to\\_quality\\_fruit\\_production/links/5f745457299bf1b53e003407/Micronutrients-A-way-to-quality-fruit-production.pdf](https://www.researchgate.net/profile/Chinmaya-Jena-5/publication/344428675_Micronutrients_A_way_to_quality_fruit_production/links/5f745457299bf1b53e003407/Micronutrients-A-way-to-quality-fruit-production.pdf)

*Fruits are the richest source of several vitamins and minerals with high calorific value. India is the second-largest producer of fruits in the world fruit market but still Indian fruits are not ...*

-----

### **IMPACT OF TRADE LIBERALIZATION ON INDIA AND CHINA: A COMPARATIVE ANALYSIS**

SR Dash, B Purohit, B Mallik

researchgate.net

[https://www.researchgate.net/profile/Sisir-Dash-2/publication/350753991\\_IMPACT\\_OF\\_TRADE\\_LIBERALIZATION\\_ON\\_INDIA\\_AND\\_CHINA\\_A\\_COMPARATIVE\\_ANALYSIS/links/606ff54492851c8a7bb2f3bc/IMPACT-OF-TRADE-LIBERALIZATION-ON-INDIA-AND-CHINA-A-COMPARATIVE-ANALYSIS.pdf](https://www.researchgate.net/profile/Sisir-Dash-2/publication/350753991_IMPACT_OF_TRADE_LIBERALIZATION_ON_INDIA_AND_CHINA_A_COMPARATIVE_ANALYSIS/links/606ff54492851c8a7bb2f3bc/IMPACT-OF-TRADE-LIBERALIZATION-ON-INDIA-AND-CHINA-A-COMPARATIVE-ANALYSIS.pdf)

*India and China are two countries having almost common characteristics in terms of geography, demography and culture. Hence, when it comes to economic front it is worthy to ...*

-----

### **Morphophysiological basis of plant defense mechanisms against insect pests**

S Borkataki, SP Nanda, MD Reddy, ... (2020)

Journal of ..., indianjournals.com

<https://www.indianjournals.com/ijor.aspx?target=ijor:jer&volume=44&issue=1&article=032>

*Plants have been interacting with insects for several hundred million years, leading to the development of an intricate and dynamic defense system against insect herbivores. This ...*

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### **Training Manual on" Recent Trends in Cultivation**

MS Sankanur, RP Gunaga, TR Ahlawat, ... (2021)

Processing and Value ..., researchgate.net

[https://www.researchgate.net/profile/Abha-Manohark/publication/357969720\\_Sustainable\\_Management\\_and\\_Conservation\\_Approaches\\_of\\_medicinal\\_and\\_Aromatic\\_Plants\\_for\\_Rural\\_Livelihood\\_Improvement/links/61e97320c5e3103375ab0ab9/Sustainable-Management-and-Conservation-Approaches-of-medicinal-and-Aromatic-Plants-for-Rural-Livelihood-Improvement.pdf](https://www.researchgate.net/profile/Abha-Manohark/publication/357969720_Sustainable_Management_and_Conservation_Approaches_of_medicinal_and_Aromatic_Plants_for_Rural_Livelihood_Improvement/links/61e97320c5e3103375ab0ab9/Sustainable-Management-and-Conservation-Approaches-of-medicinal-and-Aromatic-Plants-for-Rural-Livelihood-Improvement.pdf)

*... We are also grateful to the Navsari Agricultural University, Navsari for all support and hosting this training in the campus. This manual is a compilation of lectures prepared for the ...*

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### **Addition of five new generic asteraceous members to the flora of Odisha, India**

G Jena, R Mishra, S Nayak, ... (2020)

The Journal of Indian ..., indianjournals.com

<https://www.indianjournals.com/ijor.aspx?target=ijor:jibs&volume=100&issue=1and2&article=005>

*The proper taxonomic identification presumes first and foremost priority in the scientific documentation of biodiversity. During the present floral inventory five unreported Asteraceous ...*

...

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### **Histological Localization of Aluminium and Its Effect on Mineral Uptake in Zea mays**

AK RATH

researchgate.net

[https://www.researchgate.net/profile/Aswini-Rath/publication/349303131\\_Histological\\_Localization\\_of\\_Aluminium\\_and\\_Its\\_Effect\\_on\\_Mineral\\_Uptake\\_in\\_Zea\\_mays/links/6029410e299bf1cc26c69f7d/Histological-Localization-of-Aluminium-and-Its-Effect-on-Mineral-Uptake-in-Zea-mays.pdf](https://www.researchgate.net/profile/Aswini-Rath/publication/349303131_Histological_Localization_of_Aluminium_and_Its_Effect_on_Mineral_Uptake_in_Zea_mays/links/6029410e299bf1cc26c69f7d/Histological-Localization-of-Aluminium-and-Its-Effect-on-Mineral-Uptake-in-Zea-mays.pdf)

*Most of the aluminium in plants is located in the root zones. Significant decrease in root length is one of the most important early visible symptoms of aluminium toxicity. Developing root ...*

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### **Measurement of Risk and Return Spillovers Effects among Sensex and Equity Based Mutual Funds in India**

PK Patjoshi, G Nandini  
researchgate.net

[https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354402581\\_Measurement\\_of\\_Risk\\_and\\_Return\\_Spillovers\\_Effects\\_among\\_Sensex\\_and\\_Equity\\_Based\\_Mutual\\_Funds\\_in\\_India/links/61371e342b40ec7d8bed6807/Measurement-of-Risk-and-Return-Spillovers-Effects-among-Sensex-and-Equity-Based-Mutual-Funds-in-India.pdf](https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354402581_Measurement_of_Risk_and_Return_Spillovers_Effects_among_Sensex_and_Equity_Based_Mutual_Funds_in_India/links/61371e342b40ec7d8bed6807/Measurement-of-Risk-and-Return-Spillovers-Effects-among-Sensex-and-Equity-Based-Mutual-Funds-in-India.pdf)

*A mutual fund is a unique and significant investment avenue provided by different financial institutions. Mutual funds mobilize money from numerous investors and invest in various ...*

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**Ethnobotanical Investigation of Crop Weed Diversity and Their Uses in the Treatment of Diabetes and Other Ailments in Sambalpur, Angul and Dhenkanal District of ...**

SK Mekap, PK Panda, SK Mishra, ... (2020)

... Journal of Modern ..., modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/view/298>

*... 1,5 Centurion University of Technology and Management, Bhubaneswar, Odisha, India 2,3 Pharmacology and Phytochemistry Division, University Department of Pharmaceutical ...*

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**Revolutionary Genome Editing Tools for Crop Improvement**

D Saha, P Dey, A Sharma, S Parida (2020)

Journal homepage: <http://www.ijcmas.com>

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**FODDER YIELD, NUTRIENT UPTAKE AND ECONOMICS OF BABY CORN FODDER (ZEA MAYS L.) AS INFLUENCED BY DATE OF SOWING AND ROW ...**

L Talukdar, PC Bora, S Kalita, K Kurmi (2021)

Biodegradation, researchgate.net

<https://www.researchgate.net/profile/Lipika-Talukdar-2/amp>

*... Talukdar, Pradip Chandra Bora, Sontara Kalita and Khagen Kurmi ABSTRACT A field experiment was carried out at the Instructional-Cum-Research farm, Assam Agricultural University, ...*

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**Assessment of Avifauna Diversity and their Seasonal Fluctuation in an Urban Park, Bhubaneswar, Odisha, India**

SP Parida

researchgate.net

[https://www.researchgate.net/profile/Amrit-Anjan-Sahoo/publication/348784072\\_Assessment\\_of\\_Avifauna\\_Diversity\\_and\\_their\\_Seasonal\\_Fluctuation\\_in\\_an/links/6010324945851517ef19723d/Assessment-of-Avifauna-Diversity-and-their-Seasonal-Fluctuation-in-an.pdf](https://www.researchgate.net/profile/Amrit-Anjan-Sahoo/publication/348784072_Assessment_of_Avifauna_Diversity_and_their_Seasonal_Fluctuation_in_an/links/6010324945851517ef19723d/Assessment-of-Avifauna-Diversity-and-their-Seasonal-Fluctuation-in-an.pdf)

*... University of Agriculture and Technology, Bhubaneswar, Odisha, India. 2Associate Professor in Zoology, Centurion University of ... Associate Professor in Zoology, Centurion University of ...*

...



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### **A BRIEF OVERVIEW ON WATER QUALITY MODELS**

M Ghadai, DP Satapathy, ML Narasimham  
academia.edu

[https://www.academia.edu/download/65221019/IJARET\\_11\\_10\\_058.pdf](https://www.academia.edu/download/65221019/IJARET_11_10_058.pdf)

*For existence of life, water is an important element, which is now a day's become worst due to rapid growth of industries and population. For conservation and proper utilization of water, ...*

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### **STATISTICAL ANALYSIS OF WATER QUALITY PARAMETERS OF ANSUPA LAKE, ODISHA (INDIA).**

P Behera, K Bhatta  
plantarchives.org

[http://plantarchives.org/20-2/5499-5504%20\(6286\).pdf](http://plantarchives.org/20-2/5499-5504%20(6286).pdf)

*... The authors are very much grateful to the department of botany, school of applied sciences, Centurion university of technology and management for their support and guide. ...*

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### **A review on physical, chemical and integrated weed management in jute**

S Dutta, T Mondal (2021)  
researchgate.net

[https://www.researchgate.net/profile/Triptesh-Mondal/publication/355903722\\_A\\_review\\_on\\_physical\\_chemical\\_and\\_integrated\\_weed\\_management\\_in\\_jute/links/61838d100be8ec17a96b0267/A-review-on-physical-chemical-and-integrated-weed-management-in-jute.pdf](https://www.researchgate.net/profile/Triptesh-Mondal/publication/355903722_A_review_on_physical_chemical_and_integrated_weed_management_in_jute/links/61838d100be8ec17a96b0267/A-review-on-physical-chemical-and-integrated-weed-management-in-jute.pdf)

*India is the largest jute producing country in the world. Jute growing area is also found highest in this country. But actually jute crop is growing in 0.55% area of the gross cropped area ...*

-----

### **NEW VALIDATED UV SPECTROPHOTOMETRIC METHOD FOR THE ESTIMATION OF LUMEFANTRINE IN BULK AND PHARMACEUTICAL DOSAGE FORMS**

BR Jena, S Swain, D Ghose, RL Maharana, ...  
researchgate.net

[https://www.researchgate.net/profile/Bikash-Jena-2/publication/351308726\\_New\\_UV\\_spectrophotometric\\_Method\\_for\\_the\\_estimation\\_of\\_Lumefantrine\\_in\\_pharmaceutical\\_formulations/links/6091445592851c490fb6be98/New-UV-spectrophotometric-Method-for-the-estimation-of-Lumefantrine-in-pharmaceutical-formulations.pdf](https://www.researchgate.net/profile/Bikash-Jena-2/publication/351308726_New_UV_spectrophotometric_Method_for_the_estimation_of_Lumefantrine_in_pharmaceutical_formulations/links/6091445592851c490fb6be98/New-UV-spectrophotometric-Method-for-the-estimation-of-Lumefantrine-in-pharmaceutical-formulations.pdf)

*The current investigation signifies a simple, cost-effective, specific, and accurate UV spectrophotometric method to estimate and validate lumefantrine in bulk and pharmaceutical ...*

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### **Study on status and implement wise tractor utilization pattern in pusa block, Bihar**

J Soren, S Kumar, S Sahu, N Kumar, MD Danish (2020)

IJCS, researchgate.net

[https://www.researchgate.net/profile/Sharmistha-Sahu-2/publication/341573040\\_Study\\_on\\_status\\_and\\_implement\\_wise\\_tractor\\_utilization\\_pattern\\_in\\_pusa\\_block\\_Bihar/links/5f17e3f5a6fdcc9626a68af9/Study-on-status-and-implement-wise-tractor-utilization-pattern-in-pusa-block-Bihar.pdf](https://www.researchgate.net/profile/Sharmistha-Sahu-2/publication/341573040_Study_on_status_and_implement_wise_tractor_utilization_pattern_in_pusa_block_Bihar/links/5f17e3f5a6fdcc9626a68af9/Study-on-status-and-implement-wise-tractor-utilization-pattern-in-pusa-block-Bihar.pdf)

*Tractors play a crucial role within the mechanization of Indian agriculture. The farm power and machinery jointly represent the most important single item of expenditure constituting ...*

-----

### **Theories of Career Development: An analysis**

U Nayak  
researchgate.net

[https://www.researchgate.net/profile/Lipsa-Jena-4/publication/344414923\\_Theories\\_of\\_Career\\_Development\\_An\\_analysis/links/5f966818a6fdccfd7b7f88fb/Theories-of-Career-Development-An-analysis.pdf](https://www.researchgate.net/profile/Lipsa-Jena-4/publication/344414923_Theories_of_Career_Development_An_analysis/links/5f966818a6fdccfd7b7f88fb/Theories-of-Career-Development-An-analysis.pdf)

*The purpose of the article is to carry out an in-depth analysis of career development theories and to know the practical implications in modern organizations. Content analysis method ...*

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### **ICITIIT'20 Patrons**

ED Raj, V Panchami, B Bibal  
scholar.archive.org

<https://scholar.archive.org/work/xwtdoh6npzdvhkx2ou6oxi2ja/access/wayback/https://ieeexplore.ieee.org/ielx7/9051861/9071521/09071550.pdf>

*... GR Kanagachidambaresan Vel Tech University 12 ... Centurion University Of Technology And Management ... Engineering College, Perinthalmanna, Kerala Technological University 32*

...

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### **Screening, Characterization and Identification of Cellulase Positive Bacillus Spp. Isolated From Pond Sediment Samples**

R Jena, NK Maiti, ... (2020)  
International Journal of ..., modern-journals.com

<http://modern-journals.com/index.php/ijma/article/download/225/173>

*... Bhubaneswar - 751002, Odisha, India Department of Dairy Technology, School of Agricultural and Bioengineering, Centurion University of Technology and Management, Odisha, India ...*

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### **Single-Channel EEG Signal Enhancement in Presence of EMG artifact using ELM-based Regressor**

C Dora, PK Biswal, F Mohanty (2021)  
2021 8th International ..., ieexplore.ieee.org

<https://ieeexplore.ieee.org/abstract/document/9528156/>

*Electroencephalogram (EEG) used to read the electrical signals from human scalp for diagnostic purposes. The EEG electrodes sensitive, so the low amplitude EEG signals get ...*

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**Metal-Free Intramolecular Hydroalkoxylation of Alkyne: Recent Advances**

SK Nanda (2021)

ChemistrySelect, Wiley Online Library

<https://doi.org/10.1002/slct.202102426>

*... Department of chemistry, School of Applied Science, Centurion University of Technology and ... We acknowledge Centurion University of Technology and Management, Odisha for the ...*

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**Founded in 1927**

PM Arulanandam, SB Singh, T Kanakubo, ... (2020)

INDIAN CONCRETE ..., researchgate.net

[https://www.researchgate.net/profile/Dhanada-Mishra/publication/341960516\\_Indian\\_Concrete\\_Journal\\_Volume\\_94\\_No\\_6\\_June\\_2020/links/5ee0a11e92851cf1386f5ad6/Indian-Concrete-Journal-Volume-94-No-6-June-2020.pdf](https://www.researchgate.net/profile/Dhanada-Mishra/publication/341960516_Indian_Concrete_Journal_Volume_94_No_6_June_2020/links/5ee0a11e92851cf1386f5ad6/Indian-Concrete-Journal-Volume-94-No-6-June-2020.pdf)

*... Technology (KIIT) University as its first Dean ... Centurion University. Currently, he is on sabbatical leave from his position as Director KMBB Engineering College, Biju Patnaik University ...*

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**Spectral characterization and biological studies of some ternary complexes with molecular docking investigations against MERS and SARS type coronaviruses**

VP Saikishore, SK Biswal, RK Mohapatra (2021)

Bulletin of the Chemical Society ..., ajol.info

<https://www.ajol.info/index.php/bcse/article/view/220646>

*ABSTRACT. A series of ternary complexes with a Schiff base (HL1) derived from 2-hydrazinobenzimidazole and o-hydroxybenzophenone (primary ligand) have been prepared. Here, 1, ...*

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**Beneficial and harmful fauna associated with Sarpagandha (*Rauvolfia serpentina*) in Odisha**

OA Khan, J Padhi, D Padhy

phytojournal.com

<https://www.phytojournal.com/archives/2020/vol9issue4S/PartA/S-9-2-138-537.pdf>

*A field experiment was laid out in All India Coordinated Research Project on Medicinal and Aromatic Plants & Betelvine (AICRP on MAP and Betelvine), Central Horticultural Research ...*

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### **Non-Stationary signal Frequency Identification using Frequency improved Fast S-Transform**

S Satapathy, S Mishra, RC Mohanty, DT Aseffa, T Hailu (2020)

researchgate.net

[https://www.researchgate.net/profile/Dereje-Aseffa/publication/344869517\\_Non-Stationary\\_signal\\_Frequency\\_Identification\\_using\\_Frequency\\_improved\\_Fast\\_S-Transform/links/5f953f0292851c14bce568ab/Non-Stationary-signal-Frequency-Identification-using-Frequency-improved-Fast-S-Transform.pdf](https://www.researchgate.net/profile/Dereje-Aseffa/publication/344869517_Non-Stationary_signal_Frequency_Identification_using_Frequency_improved_Fast_S-Transform/links/5f953f0292851c14bce568ab/Non-Stationary-signal-Frequency-Identification-using-Frequency-improved-Fast-S-Transform.pdf)

*This research presents a novel method for identifying frequency content of the multiple fault signal using a time frequency transform called S-transform. The numerical values of ...*

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### **Polyethylene Film Mulches for Protected Cropping**

DT Santosh, S Debnath

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### **ENRICHED BIG DATA PRE-PROCESSING MODEL WITH MACHINE LEARNING APPROACH TO INVESTIGATE WEB USER USAGE BEHAVIOUR**

N Silpa, VVRM Rao

scholar.archive.org

<https://scholar.archive.org/work/i5433pmneraqfhi27nzptnhx2i/access/wayback/http://www.ijcse.com/docs/INDJCSE21-12-05-050.pdf>

*... The authors expressed their gratitude to the authorities of Centurion University of Technology and Management (CUTM), Odissa for their continuous encouragement and constant ...*

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### **Analytical Applications of Isatin in the Determination of Darunavir and Methoxamine Hydrochloride**

MLN Acharyulu, PM Rao, PJR Rao (2020)

Asian Journal of Research in ..., ajrconline.org

[https://www.ajrconline.org/HTML\\_Papers/Asian%20Journal%20of%20Research%20in%20Chemistry\\_PID\\_2020-13-6-1.html](https://www.ajrconline.org/HTML_Papers/Asian%20Journal%20of%20Research%20in%20Chemistry_PID_2020-13-6-1.html)

*Two simple and sensitive extractive visible spectrophotometric methods (A and B) for the assay of Darunavir (DNV) and Methoxamine hydrochloride (MHC), in pure and pharmaceutical ...*

-----

### **Implementation of Efficient Reconfigurable FIR Filter With Control Logic for 5G Applications**

SNR Kalidindi, SK Terlapu, MV Krishna (2021)

Soft Computing, researchgate.net

[https://www.researchgate.net/profile/Sudheer-Terlapu/publication/352866028\\_Implementation\\_of\\_efficient\\_reconfigurable\\_FIR\\_filter\\_with\\_control\\_logic\\_for\\_5G\\_applications/links/621f49a27106690c08544a02/Implementation-of-efficient-reconfigurable-FIR-filter-with-control-logic-for-](https://www.researchgate.net/profile/Sudheer-Terlapu/publication/352866028_Implementation_of_efficient_reconfigurable_FIR_filter_with_control_logic_for_5G_applications/links/621f49a27106690c08544a02/Implementation-of-efficient-reconfigurable-FIR-filter-with-control-logic-for-)

5G-applications.pdf

*Filters are used to achieve frequency selectivity on the spectrum of input signal. Due to the stability of finite impulse response (FIR) filters, they are used in most of the applications. In the*

...

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### **Varietal Screening of Short Day Onions (*Allium cepa* L.) under Coastal Saline Area.**

S Rahaman, J Mandal, D Saha, ... (2021)

... Science Digest-A ..., arccarticles.s3.amazonaws.com

<http://arccarticles.s3.amazonaws.com/arcc/Attachment-at-accept-article-D-5210.pdf>

*Background: Onion is an economically important bulbous vegetable crop widely cultivated in India. Onion produced in West Bengal can only partially meet up its domestic need and ...*

-----

### **The spice tree of India: *Cinnamomum tamala***

A Manohar, G Shukla, S Chakravarty (2021)

Journal of Tree Sciences, researchgate.net

[https://www.researchgate.net/profile/Abha-Manohar-K/publication/358606656\\_The\\_Spice\\_Tree\\_of\\_India\\_Cinnamomum\\_tamala/links/620b501387866404a16b25aa/The-Spice-Tree-of-India-Cinnamomum-tamala.pdf](https://www.researchgate.net/profile/Abha-Manohar-K/publication/358606656_The_Spice_Tree_of_India_Cinnamomum_tamala/links/620b501387866404a16b25aa/The-Spice-Tree-of-India-Cinnamomum-tamala.pdf)

*Tejpat or tamala (*Cinnamomum tamala*) is an evergreen multi-valued tree spice having immense medicinal value. The leaves and bark are primarily utilized in culinary purpose from ...*

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### **Evaluation of medicinal potential and antibacterial activity of selected plants against *Streptococcus mutans***

A Sahoo, R Choudhury, RS Devi, ... (2021)

Acta fytotechn ..., pdfs.semanticscholar.org

<https://pdfs.semanticscholar.org/de80/e41f750e293fc79931f80bcfb070eddeb21.pdf>

*The aim of the study is to screen the bioactive compounds (saponin, tannin, phenolic compounds, terpenoid & steroid) present in selected ethnomedicinal plants, Terminalia bellirica (...)*

-----

### **Design of Lagrangian-Based FOPID Controller for Desired Closed Loop System**

AK Sahoo, SK Mishra (2021)

Journal of Circuits, Systems and Computers, World Scientific

<https://doi.org/10.1142/S021812662150064X>

*In this paper, Lagrangian-based method has been proposed for tuning the parameters of fractional order  $PI\alpha D\beta$  controller. In this method, the five parameters ( $K_p$ ,  $K_i$ ,  $K_d$ ,  $\alpha$  and  $\beta$ ) ...*

-----

### **A Machine Automated Big Data Modular Framework for Finding Network Security**

### **Vulnerabilities**

GR Panigrahi, NK Barpanda, R Biswal, ... (2021)  
2021 19th OITS ..., ieeexplore.ieee.org

<https://ieeexplore.ieee.org/abstract/document/9719542/>

*Because of the availability of large-to-big data, conventional data processing applications are at their breaking point. The sheer amount of traffic on the network makes it difficult to spot ...*

-----

### **Multi level car parking**

J Sethy, MS Behera, ES Panda  
researchgate.net

[https://www.researchgate.net/profile/Jyotirmayee-Sethy/publication/344516127\\_Multi\\_level\\_car\\_parking/links/5f7db9ff458515b7cf6c9ef5/Multi-level-car-parking.pdf](https://www.researchgate.net/profile/Jyotirmayee-Sethy/publication/344516127_Multi_level_car_parking/links/5f7db9ff458515b7cf6c9ef5/Multi-level-car-parking.pdf)

*... Student of Civil Engineering Department, Centurion University of Technology and Management, ... of Civil Engineering Department, Centurion University of Technology and Management, ...*

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### **Embryonic Development of Discus, *Symphysodon aequifasciatus* Pellegrin, 1904 in Indian Condition**

S Swain, PB Sawant, JK Sundaray, ... (2020)  
... Journal of Current ..., eprints.cmfri.org.in

<http://eprints.cmfri.org.in/14759/>

*The experiment was conducted to investigate the embryonic development of discus (*Symphysodon aequifasciatus*) and determine the time required for major egg developmental stages ...*

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### **Lightweight Materials for Engine Cylinder Blocks/Liners—A Critical**

BP Srikavya, PS Rao, ... (2021)  
... Systems and Innovative ..., books.google.com

<https://books.google.com/books?hl=en&lr=&id=rdoeEAAAQBAJ&oi=fnd&pg=PA103&dq=centurion+university&ots=-K8nfhur1D&sig=yDfTrx3H-bTb0U79sGveCK7q6Lk>

*Lightweight Materials have become a choice for many industries like automobile and aerospace due to its tunable mechanical properties like extremely high strength to weight ratio. ...*

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### **Performance evaluation of compressive sensing matching pursuit backtracking iterative hard thresholding algorithm for improving reconstruction**

V Ravuri, SK Terlapu, SS Nayak (2021)  
Journal of Intelligent & ..., content.iospress.com

<https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs189417>

*Now-a-days due to advancements in technologies most of the applications in signal processing*

*were using the models based on the sparse signal. Sub optimal strategies were used in ...*

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### **Machine Learning Approach to Implement Mine Fire Predicting for Underground Coal Mines**

SK Dogra, S Jayanthu, AK Samal, ... (2021)  
2021 2nd Global ..., ieeexplore.ieee.org

<https://ieeexplore.ieee.org/abstract/document/9587499/>

*Mine fire due to auto oxidation of coal leading to spontaneous combustion of coal is the leading unsolved problem worldwide. Though the exact reasons of self-heating of coal are many ...*

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### **Seroprevalence and Associated Risk Factors of Bovine Brucellosis in Chhattisgarh Plains, India**

A Hota, SK Maiti, M Ashmi, S Doimari, ... (2021)  
Indian Journal of ..., indianjournals.com

<https://www.indianjournals.com/ijor.aspx?target=ijor:ijar1&volume=55&issue=12&article=015>

*Background Brucellosis is an important zoonotic disease, which mostly affects cattle causing abortion and infertility and thereby huge economical loss. Hence, it is highly essential to ...*

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### **Extreme Gradient Boosting and Soft Voting Ensemble Classifier for Diabetes Prediction**

DK Behera, S Dash, AK Behera, ... (2021)  
2021 19th OITS ..., ieeexplore.ieee.org

<https://ieeexplore.ieee.org/abstract/document/9719569/>

*Diabetes is a chronic disease that has been impacting an increasing number of people throughout the years. Each year, it results in a huge number of deaths. Due to the fact that late ...*

...

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### **Use of fish otoliths in habitat fingerprinting**

SK Das, K Panda, S Swain, P Saklani (2021)  
thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue7S/PartC/S-10-6-138-325.pdf>

*Utility of Otolith chemistry in fisheries management has not been comprehensively examined and thus this review of articles is been done to compile these facts that indicates its ...*

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### **Bioindicator emerged as a potential environmental marker**

S Pattanayak, S Das, K Navyasri (2020)  
International Journal of ..., indianjournals.com

<https://www.indianjournals.com/ijor.aspx?target=ijor:ijaeb&volume=13&issue=3&article=009>

*In the era of modern science and new technology, mankind is adopting new and novel*

*approaches to deal with the problems. The high population density and urbanization has ...*

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### **Selection of low temperature thermal power cycles**

M Pandey, BN Padhi, I Mishra (2021)

Thermal Science, doiserbia.nb.rs

<http://www.doiserbia.nb.rs/Article.aspx?ID=0354-98362000165P>

*In today's world, we are facing the problem of fossil fuel depletion along with its cost continuously increasing. Also, it is getting difficult to live in a pollution free environment. Solar*

...

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### **Waterborne Adhesives**

S Pradhan (2020)

Green Adhesives: Preparation, Properties and ..., Wiley Online Library

<https://doi.org/10.1002/9781119655053.ch5>

*There are alarming concerns over the materials of conventional solvent-based adhesives which are not considered environmentally benign. The utilization and promotion of water-...*

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### **Enhancement of surface quality of DMLS aluminium alloy using RSM optimization and ANN modelling**

A Subrahmanyam, PS Rao, KS Prasad (2021)

Journal of Mechanical ..., ir.uitm.edu.my

<https://ir.uitm.edu.my/id/eprint/52963/>

*Direct Metal Laser Sintering (DMLS) is an additive manufacturing technology gaining popularity due to its ability to produce near net-shaped functional components. As there is a great ...*

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### **Role of MiRNAs and It's Single Nucleotide Polymorphism in Breast Cancer**

D Roy, R Bandla, P Boddana, R Medisetty, R Gogada (2021)

preprints.org

<https://www.preprints.org/manuscript/202110.0349>

*MiRNAs are 20-22 nucleotide long single-stranded non-coding RNA sequences, which can regulate post transcriptional activity of mRNA by binding with it at 3'UTR region (...)*

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### **Review on Allelopathy: A Natural Way Towards Wild Plant Management**

G Mahalik

researchgate.net

[https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/344337237\\_Review\\_on\\_Allelopathy\\_A\\_Natural\\_Way\\_Towards\\_Wild\\_Plant\\_Management/links/5f69b35c299bf1b53ee9](https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/344337237_Review_on_Allelopathy_A_Natural_Way_Towards_Wild_Plant_Management/links/5f69b35c299bf1b53ee9)



[99e5/Review-on-Allelopathy-A-Natural-Way-Towards-Wild-Plant-Management.pdf](#)

*India is the land of biodiversity. Nature acts as a good providing source for both human being and animal kingdom. Allelopathy has been known and utilized in agribusiness since the ...*

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### **COVID-19 outbreak in Orissa: MLR and H-SVR-based modelling and forecasting**

S Dash, H Saini, S Chakravarty (2021)

International Journal of ..., inderscienceonline.com

<https://doi.org/10.1504/IJCAT.2021.120468>

*WHO has declared COVID-19 as the pandemic in early March and now in June it became a severe threat to the human community in almost all the countries. The present situation ...*

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### **In vitro Optimization of Zaltoprofen from controlled release porous Osmotic Tablets**

RB Baggi, S Velivela, NB Pati (2020)

Magnesium, ajptonline.com

[https://ajptonline.com/HTML\\_Papers/Asian%20Journal%20of%20Pharmacy%20and%20Technology\\_PID\\_2020-10-3-5.html](https://ajptonline.com/HTML_Papers/Asian%20Journal%20of%20Pharmacy%20and%20Technology_PID_2020-10-3-5.html)

*The aim of the present investigation is to formulate and evaluate the controlled porosity osmotic pump tablets of zaltoprofen, with an aim to achieve zero order/near zero order release. ...*

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### **Understanding Elastic Scattering**

D Das (2021)

cds.cern.ch

<https://cds.cern.ch/record/2764317/files/INTC-I-229.pdf>

*Experiments with stable-isotope beams (elastic and inelastic scattering, transfer reactions) have been successfully used to obtain information on the properties of astrophysically ...*

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### **Two Oxidative Visible Spectrophotometric Methods For The Determination Of Ceftazidime In Pharmaceutical Formulations Using N-Bromo Succinimide**

TS Reddy, MLN Acharyulu (2021)

International Journal of Applied ..., ripublication.com

[http://www.ripublication.com/ijaer21/ijaerv16n4\\_06.pdf](http://www.ripublication.com/ijaer21/ijaerv16n4_06.pdf)

*Two visible spectrophotometric methods A, B have been described for the assay of Ceftazidime (CTZ) in bulk form and dosage forms based on oxidation of CTZ with an excess of ...*

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### **Evaluation of Compressive Strength of Thermoplastic Materials Prepared Using 3D Printer with Different in-Fill Structures**

KC Srinivas Kona, A Sekhar, ... (2021)

... Systems and Innovative ..., books.google.com

<https://books.google.com/books?hl=en&lr=&id=rdoeEAAAQBAJ&oi=fnd&pg=PA209&dq=centurion+university&ots=-K8nfhur1E&sig=6NZcTonhjOPAUBwQ2K6vypZpRH4>

*The additive manufacturing has been proven as an auspicious technology over last one decade, material cost allied with the fabricated part is still present as a barrier for the ...*

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**Evolutionary Computing Tools based Design of Elliptical Antenna Array for Amplitude-Position Technique**

B Babu, PSR Chowdary, S Mishra (2021)

nopr.niscair.res.in

<http://nopr.niscair.res.in/handle/123456789/56471>

*The work presented in this paper refers to synthesis of elliptical antenna array for a desired radiation pattern in which the SLL is optimized using evolutionary computation algorithms ...*

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**Experimental and Numerical Analysis of Fluid Flow in Microfibers**

M Ghadai, SK Barik

researchgate.net

[https://www.researchgate.net/profile/Madhusmita-Ghadai/publication/342886534\\_Experimental\\_and\\_Numerical\\_Analysis\\_of\\_Fluid\\_Flow\\_in\\_Microfibers/links/5f0bca2d299bf188161977fd/Experimental-and-Numerical-Analysis-of-Fluid-Flow-in-Microfibers.pdf](https://www.researchgate.net/profile/Madhusmita-Ghadai/publication/342886534_Experimental_and_Numerical_Analysis_of_Fluid_Flow_in_Microfibers/links/5f0bca2d299bf188161977fd/Experimental-and-Numerical-Analysis-of-Fluid-Flow-in-Microfibers.pdf)

*The flow in small geometries is of interest in applications like bioanalysis systems, micro-valves and flow through porous media. The flow generally straight-forward to predict since the ...*

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**BIOCHEMICAL EXTRACTION AND CHARACTERIZATION OF PROTEIN HYDROLYSATE AND TRYPSIN FROM FISH VISCERA OF LABEO ROHITA**

A Das, Y Nayak, S Dash

academia.edu

[https://www.academia.edu/download/67369258/7\\_IJZAB\\_ID\\_No.\\_555.pdf](https://www.academia.edu/download/67369258/7_IJZAB_ID_No._555.pdf)

*... The authors express sincere thanks to the head of the Department of Zoology, Centurion University of Technology and Management, Odisha, India for the facilities provided to carry out ...*

...

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**ITS-2 marker for identification of medicinal plants in herbal industry: A supporting tool to differentiate adulterants**

P Raghavendra, G Pushpalatha, C Gururaj, UV Babu (2020)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2020/vol9issue7/PartA/9-8-2-637.pdf>

*Traditional System of Medicine aiming towards treating several diseases and their preventive measures. Such out bursting of pandemics demand promising medication. In this direction, ...*

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**Effect of nutrient management on growth, productivity and quality of oats with special emphasis on zinc & boron**

S Saha, T Shankar, AK Barik (2020)

International Journal of Bioresource ..., researchgate.net

[https://www.researchgate.net/profile/Tanmoy-Shankar/publication/343231153\\_Effect\\_of\\_Nutrient\\_Management\\_on\\_Growth\\_Productivity\\_and\\_Quality\\_of\\_Oats\\_with\\_Special\\_Emphasis\\_on\\_Zinc\\_Boron/links/5f1eb29ca6fdcc9626b68ca4/Effect-of-Nutrient-Management-on-Growth-Productivity-and-Quality-of-Oats-with-Special-Emphasis-on-Zinc-Boron.pdf](https://www.researchgate.net/profile/Tanmoy-Shankar/publication/343231153_Effect_of_Nutrient_Management_on_Growth_Productivity_and_Quality_of_Oats_with_Special_Emphasis_on_Zinc_Boron/links/5f1eb29ca6fdcc9626b68ca4/Effect-of-Nutrient-Management-on-Growth-Productivity-and-Quality-of-Oats-with-Special-Emphasis-on-Zinc-Boron.pdf)

*A field experiment was conducted during rabi season of 2011-12 at agricultural research farm, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati, Sriniketan, West Bengal to ...*

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**Dr. Mrinal Chatterjee1**

B PO-Jatni

Centurion Journal of Multidisciplinary Research, academia.edu

[https://www.academia.edu/download/67912221/Visual\\_Merchandizing\\_of\\_a\\_Social\\_Taboo\\_called\\_the\\_Periods.pdf#page=11](https://www.academia.edu/download/67912221/Visual_Merchandizing_of_a_Social_Taboo_called_the_Periods.pdf#page=11)

*... Many of our university departments and institutions simply do not have the infrastructure. Even if they have, it is not maintained properly and updated, rendering it, to put it mildly, not ...*

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**Morphological and biochemical traits in chickpea resistance against Helicoverpa armigera Hubner (Lepidoptera: Noctuidae)**

B Nayak, D Padhi (2021)

researchgate.net

[https://www.researchgate.net/profile/Lipsa-Dash-2/publication/357082772\\_Morphological\\_and\\_biochemical\\_traits\\_in\\_chickpea\\_resistance\\_against\\_Helicoverpa\\_armigera\\_Hubner\\_Lepidoptera\\_Noctuidae/links/61bb0b3763bbd9324298557b/Morphological-and-biochemical-traits-in-chickpea-resistance-against-Helicoverpa-armigera-Hubner-Lepidoptera-Noctuidae.pdf](https://www.researchgate.net/profile/Lipsa-Dash-2/publication/357082772_Morphological_and_biochemical_traits_in_chickpea_resistance_against_Helicoverpa_armigera_Hubner_Lepidoptera_Noctuidae/links/61bb0b3763bbd9324298557b/Morphological-and-biochemical-traits-in-chickpea-resistance-against-Helicoverpa-armigera-Hubner-Lepidoptera-Noctuidae.pdf)

*... Department of Agricultural Entomology, MS Swaminathan School of Agriculture, Centurion University of Technology and Management Paralakhemundi, Odisha. Email: maish.yadav@ ...*

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**Universities and Entrepreneurship: Meeting the Educational and Social Challenges**

P Jones, N Apostolopoulos, A Kakouris, ... (2021)

... the Educational and ..., emerald.com

<https://doi.org/10.1108/S2040-724620210000011001>

*... and engagement that can occur in a university setting based on entrepreneurial thinking. ... 283) state that there has been a second academic revolution 'with traditional university tasks ...*

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**Effects of Fenugreek in Breast Cancer**

P Bhadra, P Banerjee, A Deb

NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=444](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=444)

*Phytochemicals are the most helpful things found in the plant body; these are utilized from the old-time frame. Numerous phytochemicals have worth to fix some lethal infections. In food ...*

-----

### **Effect of micronutrients on total dry matter yield and benefit cost ratio (BCR) in onion (*Allium cepa* L.)**

K Pramanik, P Tripathy, P Mandal, M Pradhan, ...  
researchgate.net

[https://www.researchgate.net/profile/Kartik-Pramanik/publication/344365278\\_Effect\\_of\\_micronutrients\\_on\\_total\\_dry\\_matter\\_yield\\_and\\_benefit\\_cost\\_ratio\\_BCR\\_in\\_onion\\_Allium\\_cepae\\_L/link/5f6cb62d299bf1b53eee1874/Effect-of-micronutrients-on-total-dry-matter-yield-and-benefit-cost-ratio-BCR-in-onion-Allium-cepae-L.pdf](https://www.researchgate.net/profile/Kartik-Pramanik/publication/344365278_Effect_of_micronutrients_on_total_dry_matter_yield_and_benefit_cost_ratio_BCR_in_onion_Allium_cepae_L/link/5f6cb62d299bf1b53eee1874/Effect-of-micronutrients-on-total-dry-matter-yield-and-benefit-cost-ratio-BCR-in-onion-Allium-cepae-L.pdf)

*A field experiment was conducted to evaluate the efficacy of micronutrients on the performances of onion (*Allium cepa* L. var. Arka Kalyan) with respect to its total dry matter yield during ...*

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### **Identification of Real-Time Maglev Plant using Long-Short Term Memory Network based Deep Learning Technique**

SK Mishra, AK Sahoo, RN Pandey, PP Dash (2020)  
Journal of Scientific and Industrial ...

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### **Effect of Fenugreek on Skin Cancer**

P Bhadra, P Banerjee, A Deb  
NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=241](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=241)

*Fenugreek (*Trigonella foenum-graecum*) is a leguminous plant and it has been used and taken as a spice at some stage in the globe to boost the sensory high-satisfactory of foods. ...*

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### **Ginger: A Functional Food for Diabetes**

P Bhadra, P Banerjee, A Deb  
NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Atanu-Deb/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8d74169a1a010305ed6d/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=63](https://www.researchgate.net/profile/Atanu-Deb/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8d74169a1a010305ed6d/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=63)

*In the new and developed world, we are growing fast as well the new diseases we are facing. Among them most common and a silent killer called diabetes. This disease is known as a ...*

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### **Coriander in Treatment of Lung Cancer**

P Bhadra, P Banerjee, A Deb  
NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=208](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=208)

*Coriander (Coriandrum sativum L.) is a extremely accepted therapeutic plant that belongs to Apiaceae family unit in taxonomic categorization, which is extensively used as a spice and ...*

-----

### **Influence of sea weeds extracts on the growth, quality and productivity of sesame (Sesamum indicum) in the red and lateritic belt of West Bengal**

T Shankar, GC Malik, M Banerjee, ... (2020)  
International Journal of ..., researchgate.net

[https://www.researchgate.net/profile/Tanmoy-Shankar/publication/343210952\\_Influence\\_of\\_Sea\\_Weeds\\_Extracts\\_on\\_the\\_Growth\\_Quality\\_and\\_Productivity\\_of\\_Sesame\\_Sesamum\\_indicum\\_in\\_the\\_Red\\_and\\_Lateritic\\_Belt\\_of\\_West\\_Bengal/links/5f1eb219299bf1720d6811fd/Influence-of-Sea-Weeds-Extracts-on-the-Growth-Quality-and-Productivity-of-Sesame-Sesamum-indicum-in-the-Red-and-Lateritic-Belt-of-West-Bengal.pdf?sg%5B0%5D=started\\_experiment\\_milestone&origin=journalDetail](https://www.researchgate.net/profile/Tanmoy-Shankar/publication/343210952_Influence_of_Sea_Weeds_Extracts_on_the_Growth_Quality_and_Productivity_of_Sesame_Sesamum_indicum_in_the_Red_and_Lateritic_Belt_of_West_Bengal/links/5f1eb219299bf1720d6811fd/Influence-of-Sea-Weeds-Extracts-on-the-Growth-Quality-and-Productivity-of-Sesame-Sesamum-indicum-in-the-Red-and-Lateritic-Belt-of-West-Bengal.pdf?sg%5B0%5D=started_experiment_milestone&origin=journalDetail)

*An experiment was carried out during pre-kharifseason of 2012 at Agricultural farm of Palli Siksha Bhavana, Visva-Bharati, Sriniketan, West Bengal. The experiment consisted of thirteen ...*

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### **Fennel: Functional Food for Obesity**

P Bhadra, P Banerjee, A Deb  
NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=96](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=96)

*Obesity is a condition of abnormal or excess fat aggregation in adipose tissue that increases the risk of health problems. Obesity is related with various genuine unexpected issues, ...*

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### **Eddy Viscosity Turbulent Flow Simulation over a Simplified Ahmed Body Model**

S Mishra, A Misra (2021)  
Advances in Dynamical Systems and ..., ripublication.com

<http://www.ripublication.com/adsa21/v16n2p83.pdf>

*The purpose of this study is to simulate turbulent flow over an Ahmed body in an open test wind tunnel. Two types of meshing, namely tetra prisms (TP) and hex prisms (HP), are ...*

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### **Flow and Heat Transfer Analysis of H<sub>2</sub>O-Al<sub>2</sub>O<sub>3</sub> Nanofluid Over a Stretching Surface with Electrified Nanoparticles and Viscous Dissipation**

S Panda, A Misra, SK Mishra, AK Pati, ... (2021)  
... in Dynamical Systems ..., researchgate.net

[https://www.researchgate.net/profile/Aditya-Pati-2/publication/357677883\\_Flow\\_and\\_Heat\\_Transfer\\_Analysis\\_of\\_H\\_2\\_O-Al\\_2\\_O\\_3\\_Nanofluid\\_Over\\_a\\_Stretching\\_Surface\\_with\\_Electrified\\_Nanoparticles\\_and\\_Viscous\\_Dissipation/links/61d9b28db8305f7c4b2ed637/Flow-and-Heat-Transfer-Analysis-of-H-2-O-Al-2-O-3-Nanofluid-Over-a-Stretching-Surface-with-Electrified-Nanoparticles-and-Viscous-Dissipation.pdf](https://www.researchgate.net/profile/Aditya-Pati-2/publication/357677883_Flow_and_Heat_Transfer_Analysis_of_H_2_O-Al_2_O_3_Nanofluid_Over_a_Stretching_Surface_with_Electrified_Nanoparticles_and_Viscous_Dissipation/links/61d9b28db8305f7c4b2ed637/Flow-and-Heat-Transfer-Analysis-of-H-2-O-Al-2-O-3-Nanofluid-Over-a-Stretching-Surface-with-Electrified-Nanoparticles-and-Viscous-Dissipation.pdf)

*A steady-state flow of H<sub>2</sub>O-Al<sub>2</sub>O<sub>3</sub> nanofluid containing electrified nanoparticles over a stretching surface with viscous dissipation have been carried out. The boundary layer equations of ...*

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### **Mathematical Modeling of Food Processing Operations: A Basic Understanding and Overview**

M KUMAR, S VATSA, M MADHUMITA, ...  
Turkish Journal of ..., dergipark.org.tr

<https://dergipark.org.tr/en/pub/turkager/issue/66160/907600>

*Modeling is the core of food processing supported by many approaches and governed by heat, mass, and momentum transfer equations. The objective of this paper is to mainly discuss ...*

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### **Waste Paper Cups: An Inconceivable Driver of Pollinators' Decline**

G Kunal, R Das, R Kumar, R Kumar, ... (2021)  
Environment and ..., researchgate.net

[https://www.researchgate.net/profile/Rakesh-Das-6/publication/360539595\\_Waste\\_Paper\\_Cups\\_An\\_Inconceivable\\_Driver\\_of\\_Pollinators'\\_Decline/links/627c9b9f37329433d9a98737/Waste-Paper-Cups-An-Inconceivable-Driver-of-Pollinators-Decline.pdf](https://www.researchgate.net/profile/Rakesh-Das-6/publication/360539595_Waste_Paper_Cups_An_Inconceivable_Driver_of_Pollinators'_Decline/links/627c9b9f37329433d9a98737/Waste-Paper-Cups-An-Inconceivable-Driver-of-Pollinators-Decline.pdf)

*Reduction in abundance of insects and other pollinators in many ecosystems, recorded worldwide in the present scenario is the resultant of several human activities, which be ...*

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### **Life of cops at work areas and their social relationships with the society**

PK Chakravarthy (2020)  
International Journal of Bio-resource and Stress ..., pphouse.org

[https://www.pphouse.org/upload\\_article/25373110\\_8\\_IJBSM\\_December\\_2020\\_Chakravarthy.pdf](https://www.pphouse.org/upload_article/25373110_8_IJBSM_December_2020_Chakravarthy.pdf)

*Stress is a fact of life, wherever you are and whatever you are doing. Ermasova (2020) have contributed to the study of police officers' stress and psychological/physical health; others ...*

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### **Environmental health: The most neglected part of one health**

S Dash, AP Rath (2021)  
Environment Conservation Journal, journal.enviroincj.in

<https://journal.envirocnj.in/index.php/ecj/article/view/757>

*One health concept and perspectives have gained momentum in past few years in global health sector. Keeping in view the increased popularity of “one health” American Veterinary & ...*

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**Effects of Natural Convection and Heat Absorption on MHD Nano-Fluid Flow Past a Stretching Sheet With Melting**

SB Padhi, GK Mahato (2020)

International Journal of Modern ..., modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/view/301>

*An attempt is made to provide a boundary layer solution and observe the effect of various flow parameters, viz. buoyancy, heat absorption, melting, Brownian and thermophoretic ...*

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**Evaluation of Evapotranspiration Methods for Rice Yield Simulation in a Tropical River Basin**

SS Dash, S Debnath, M Behera (2020)

Int. J. Curr. Microbiol. App. Sci, researchgate.net

[https://www.researchgate.net/profile/Sonam-Dash/publication/341641543\\_Evaluation\\_of\\_Evapotranspiration\\_Methods\\_for\\_Rice\\_Yield\\_Simulation\\_in\\_a\\_Tropical\\_River\\_Basin/links/5eeced4c299bf1c09adf78ec/Evaluation-of-Evapotranspiration-Methods-for-Rice-Yield-Simulation-in-a-Tropical-River-Basin.pdf](https://www.researchgate.net/profile/Sonam-Dash/publication/341641543_Evaluation_of_Evapotranspiration_Methods_for_Rice_Yield_Simulation_in_a_Tropical_River_Basin/links/5eeced4c299bf1c09adf78ec/Evaluation-of-Evapotranspiration-Methods-for-Rice-Yield-Simulation-in-a-Tropical-River-Basin.pdf)

*Evapotranspiration (ET) is one of the key factors that influences the crop growth, dry biomass production, and yield. To improve the crop water productivity, accurate estimation of ET ...*

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**Cyber Crime Triangle Approach to Encounter Cybercrime**

S Sundari, MH Kautsar (2021)

Budapest International Research and ..., bircu-journal.com

<http://www.bircu-journal.com/index.php/birci/article/view/1859>

*This study analyze and discuss problem in encounter of cyber crime using crime triangle approach. crime triangle approach is necessary in order to understanding cyber crime from ...*

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**Effects of Fennugreek in Colon Cancer**

P Bhadra, P Banerjee, A Deb

NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Atanu-Deb/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8d74169a1a010305ed6d/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=151](https://www.researchgate.net/profile/Atanu-Deb/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8d74169a1a010305ed6d/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=151)

*Fenugreek is local to focal and south asia. it is one of the most established staple medicinal plant with a horde of advantages. These days, it is additionally developed all through the US, ...*

-----

## **Detection and Classification of Cancer on CT Lung Images using Krill Herd Optimization Algorithm and ANN**

JMN Prasad, MV Krishna (2020)

International Journal, academia.edu

<https://www.academia.edu/download/63915448/ijatcse17993202020200714-18944-142jozr.pdf>

*The most terrifying type of cancer is lung cancer, which is treated as very common disease amongst humans. Now a days, earlier detection of lung cancer is mandatory in order to ...*

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## **A Review on Precision Nutrient Management in Maize**

S Mohapatro, T Shankar, G Swami, S Sahu (2020)

AGRO ECONOMIST, researchgate.net

[https://www.researchgate.net/profile/Tanmoy-Shankar/publication/349311350\\_A\\_Review\\_on\\_Precision\\_Nutrient\\_Management\\_in\\_Maize/links/602a2658a6fdcc37a8297d5b/A-Review-on-Precision-Nutrient-Management-in-Maize.pdf](https://www.researchgate.net/profile/Tanmoy-Shankar/publication/349311350_A_Review_on_Precision_Nutrient_Management_in_Maize/links/602a2658a6fdcc37a8297d5b/A-Review-on-Precision-Nutrient-Management-in-Maize.pdf)

*Maize is considered as a nutrient exhaustive crop, requiring high amounts of nutrients for its proper growth, production and yield. Proper nutrient management strategies can help in ...*

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## **Dr. Ch Usha Kumari Gokaraju Rangaraju Institute of Engineering and Technology Suman De SAP Labs India Pvt. Ltd. Dr. Anupam Biswas National ...**

M Arvindhan, JN Singh, G Noida, VB CHRIST, T Subha, ...

ieeexplore.ieee.org

<https://ieeexplore.ieee.org/abstract/document/9498549/>

*... Dayananda Sagar University, Bangalore, India Sai Satyanarayana Reddy Seelam Sreyas Institute ... Centurion University of Technology and Management Odisha, India Abhishek Kumar*

...

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## **Various Approaches for Nutrient Management in Rice (Oryza sativa L.)**

G Swamy, TS Masina Sairam, S Maitra, ... (2020)

AGRO ..., researchgate.net

[https://www.researchgate.net/profile/T-Neelima/publication/350176344\\_Yield\\_Gap\\_Analysis\\_of\\_Rice\\_Under\\_Priyadarshini\\_Jurala\\_Command\\_Area\\_Using\\_RS\\_and\\_GIS/links/60547c49a6fdccbfceae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=131](https://www.researchgate.net/profile/T-Neelima/publication/350176344_Yield_Gap_Analysis_of_Rice_Under_Priyadarshini_Jurala_Command_Area_Using_RS_and_GIS/links/60547c49a6fdccbfceae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=131)

*Rice is the most important food crop, providing one in three people on earth with a daily diet. The production of rice in India is a significant food safety factor. Rice has been very ...*

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## **Mechanical Properties of Green High-Performance Concrete Using Fly Ash and Alccofine**

S Panda, A Samal, N Panda, SFCC Cordinator

xajzkjdx.cn



<https://www.xajzkjdx.cn/gallery/148-mar2020.pdf>

*Concrete, a construction material utilized in infrastructure development comprising of hard, a synthetically inactive particulate substance known as aggregate, binder and water in proper ...*

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### **Current Research in Biotechnology**

A Singh, S Kumar, VV Vinay, B Tyagi, PK Choudhury, ...  
researchgate.net

[https://www.researchgate.net/profile/Vinay-V-V/publication/351028470\\_Autochthonous\\_Lactobacillus\\_spp\\_isolated\\_from\\_Murrah\\_buffalo\\_calves\\_show\\_potential\\_application\\_as\\_probiotic/links/61cde083b8305f7c4b10c082/Autochthonous-Lactobacillus-spp-isolated-from-Murrah-buffalo-calves-show-potential-application-as-probiotic.pdf](https://www.researchgate.net/profile/Vinay-V-V/publication/351028470_Autochthonous_Lactobacillus_spp_isolated_from_Murrah_buffalo_calves_show_potential_application_as_probiotic/links/61cde083b8305f7c4b10c082/Autochthonous-Lactobacillus-spp-isolated-from-Murrah-buffalo-calves-show-potential-application-as-probiotic.pdf)

*Lactic acid bacteria (LAB) are applied as probiotics that stimulate digestion, immunity and represents suitable alternatives to conventional antimicrobials in animal production systems. ...*

-----

### **Silicon Mediated Tolerance to Stress in Plants**

DJ Gaikwad, S Praharaj, S Maitra (2020)  
AGRO ECONOMIST, researchgate.net

[https://www.researchgate.net/profile/T-Neelima/publication/350176344\\_Yield\\_Gap\\_Analysis\\_of\\_Rice\\_Under\\_Priyadarshini\\_Jurala\\_Command\\_Area\\_Using\\_RS\\_and\\_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=93](https://www.researchgate.net/profile/T-Neelima/publication/350176344_Yield_Gap_Analysis_of_Rice_Under_Priyadarshini_Jurala_Command_Area_Using_RS_and_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=93)

*Silicon (Si) is not an essential nutrient, but has been found to play an important role in plants. Silicon is categorized as a beneficial nutrient and is commonly available in earth crust. Si ...*

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### **Microscopic Study of Two Band Superconductivity in Magnesium Diboride Superconductor (MgB<sub>2</sub>)**

BK Sahoo, BR Mishra, S Das, SK Barik, ... (2021)  
American Journal of ..., article.physappl.org

<http://article.physappl.org/pdf/10.11648.j.ajpa.20210902.11.pdf>

*We formulate a Model Hamiltonian of two band superconductivity for Magnesium Diboride superconductors (MgB<sub>2</sub>). It is a conventional BCS type metallic superconductor which has the ...*

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### **An Overview of Boerhavia diffusa Plant used for the Treatment of Various Diseases in Odisha, India**

G Mahalik  
researchgate.net

[https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/357448228\\_An\\_Overview\\_of\\_Boerhavia\\_diffusa\\_Plant\\_used\\_for\\_the\\_Treatment\\_of\\_Various\\_Diseases\\_in\\_Odisha\\_India/links/61cea44fb8305f7c4b125c7a/An-Overview-of-Boerhavia-diffusa-Plant-used-for-the-Treatm](https://www.researchgate.net/profile/Gyanranjan-Mahalik/publication/357448228_An_Overview_of_Boerhavia_diffusa_Plant_used_for_the_Treatment_of_Various_Diseases_in_Odisha_India/links/61cea44fb8305f7c4b125c7a/An-Overview-of-Boerhavia-diffusa-Plant-used-for-the-Treatm)

[ent-of-Variou-Diseases-in-Odisha-India.pdf](#)

*From the early advancement, plants have been utilized as a medication for diseases. Boerhavia diffusa of the family Nyctaginaceae, a highly useful plant in the indigenous system of ...*

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### **Role of Fenugreek in Lungs Cancer**

P Bhadra, P Banerjee, A Deb

NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Atanu-Deb/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8d74169a1a010305ed6d/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=475](https://www.researchgate.net/profile/Atanu-Deb/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8d74169a1a010305ed6d/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=475)

*Fenugreek (Trigonella foenum-graceum) though native to Southern Europe and Asia, it is used as a spice throughout the world. It also has many medicinal qualities. Other than that it is ...*

-----

### **Land suitability evaluation for crops in Warangal district of Telangana under Narsampet division**

E Narsaiah, GB Raj, TR Prakash, DV Reddy, ... (2020)

IJCS, researchgate.net

[https://www.researchgate.net/profile/Ramprakash\\_Tata/publication/343097277\\_Land\\_suitability\\_evaluation\\_for\\_crops\\_in\\_Warangal\\_district\\_of\\_Telangana\\_under\\_Narsampet\\_division/links/5f1678644585151299ad56df/Land-suitability-evaluation-for-crops-in-Warangal-district-of-Telangana-under-Narsampet-division.pdf](https://www.researchgate.net/profile/Ramprakash_Tata/publication/343097277_Land_suitability_evaluation_for_crops_in_Warangal_district_of_Telangana_under_Narsampet_division/links/5f1678644585151299ad56df/Land-suitability-evaluation-for-crops-in-Warangal-district-of-Telangana-under-Narsampet-division.pdf)

*Six typical Pedon's from central and eastern parts of Warangal district, Telangana were evaluated for their suitability to major crops Viz, rice, maize, cotton, chilly and red gram. The ...*

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### **Neem: Treasure of Natural Phytochemicals**

S Maji

researchgate.net

[https://www.researchgate.net/profile/Soma-Maji/publication/355357381\\_Neem\\_Treasure\\_of\\_Natural\\_Phytochemicals/links/616bdf0ab90c51266254fcfb/Neem-Treasure-of-Natural-Phytochemicals.pdf](https://www.researchgate.net/profile/Soma-Maji/publication/355357381_Neem_Treasure_of_Natural_Phytochemicals/links/616bdf0ab90c51266254fcfb/Neem-Treasure-of-Natural-Phytochemicals.pdf)

*Neem, "the bitter gem" is one of the most valued trees with many medicinal applications. The scientific name of neem is Azadiracthta indica and belongs to Meliaceae family. It is the ...*

-----

### **Effect of sesame+ pulses intercropping systems on growth, yield and quality parameters of sesame**

B Arpita, GC Malik, M Banerjee, JB Palai (2021)

thepharmajournal.com

<https://www.thepharmajournal.com/archives/2021/vol10issue8/PartJ/10-7-308-657.pdf>

*A field experiment was conducted to study the intercropping of sesame with black gram & green*

gram during pre-kharif season of 2015 at agricultural farm, Palli Siksha Bhavana, Visva-...

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### **Leafy Vegetables–A Potential Component in Kitchen Garden**

B Sahu, S Mohanto, S Dalai, C Jena (2020)

AGRO ECONOMIST, researchgate.net

[https://www.researchgate.net/profile/T-Neelima/publication/350176344\\_Yield\\_Gap\\_Analysis\\_of\\_Rice\\_Under\\_Priyadarshini\\_Jurala\\_Command\\_Area\\_Using\\_RS\\_and\\_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=33](https://www.researchgate.net/profile/T-Neelima/publication/350176344_Yield_Gap_Analysis_of_Rice_Under_Priyadarshini_Jurala_Command_Area_Using_RS_and_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=33)

*A good nutrition demands all the nutrients, vitamins and minerals. In order to increase the food security, the concept of kitchen garden came into face. The availability of different types of ...*

-----

### **Commercial Perspective of Essential Oil**

K Bhatta, B Baral

AND ITS BENEFITS, researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/350038518\\_Aromatherapy/links/6068499292851c91b19c2997/Aromatherapy.pdf#page=161](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/350038518_Aromatherapy/links/6068499292851c91b19c2997/Aromatherapy.pdf#page=161)

*Essential oils are liquid aromatic volatile compounds from plants which are a good source of natural products, which possess antimicrobial and antioxidant properties. In addition to it ...*

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### **Effects Of Radiation, Chemical Reaction And Viscous And Joule Dissipations On Mhd Nanofluid Flow And Heat Transfer Past A Stretching Sheet With Melting**

SB Padhi, S Das, GK Mahato (2020)

International Journal of ..., modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/view/299>

*An investigation is done to analyze the Effects of Radiation, Chemical Reaction and Viscous and Joule Dissipations on MHD Nanofluid Flow and Heat Transfer past a Stretching Sheet ...*

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### **Weed Management in Sesame (Sesamum indicum L.)**

L Patnaik, M Roja, C Deepthi, S Maitra, ... (2020)

AGRO ..., researchgate.net

[https://www.researchgate.net/profile/T-Neelima/publication/350176344\\_Yield\\_Gap\\_Analysis\\_of\\_Rice\\_Under\\_Priyadarshini\\_Jurala\\_Command\\_Area\\_Using\\_RS\\_and\\_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=49](https://www.researchgate.net/profile/T-Neelima/publication/350176344_Yield_Gap_Analysis_of_Rice_Under_Priyadarshini_Jurala_Command_Area_Using_RS_and_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=49)

*The seed yield loss of sesame due to weeds is estimated to be 35 to 70%. To avoid the losses, timely weed control is required. It has been observed that two hand weedings or hand ...*

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### **Medicinal Plants as Bio-pesticides**

P Bhadra  
researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/343586957\\_Medicinal\\_Plants\\_as\\_Bio-pesticides/links/5f644df6a6fdcc008629762d/Medicinal-Plants-as-Bio-pesticides.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/343586957_Medicinal_Plants_as_Bio-pesticides/links/5f644df6a6fdcc008629762d/Medicinal-Plants-as-Bio-pesticides.pdf)

*Contemporary science has perceived their dynamic action, and it has associated with present day pharmacotherapy an extent of drugs of plant source, known by obsolete metro ...*

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### **Variability in Physical Properties of Eucalyptus Hybrid Wood**

RK Sahoo, S Nayak, S Rout (2020)  
Ind. J. Pure App. Biosci, researchgate.net

[https://www.researchgate.net/profile/Sandeep-Rout-2/publication/346484274\\_Variability\\_in\\_Physical\\_Properties\\_of\\_Eucalyptus\\_Hybrid\\_Wood/links/5fc49f6ea6fdcc6cc684ed98/Variability-in-Physical-Properties-of-Eucalyptus-Hybrid-Wood.pdf](https://www.researchgate.net/profile/Sandeep-Rout-2/publication/346484274_Variability_in_Physical_Properties_of_Eucalyptus_Hybrid_Wood/links/5fc49f6ea6fdcc6cc684ed98/Variability-in-Physical-Properties-of-Eucalyptus-Hybrid-Wood.pdf)

*In the present investigation the physical properties of Eucalyptus hybrid clones. The study was carried out in the Laboratory of College of Forestry, OUAT, Bhubaneswar, Odisha during ...*

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### **Impact of Rainwater Harvesting Structures on Groundwater Recharge Potential in India**

S Mahato, AK Mishra, S Debnath (2020)  
Int. J. Curr. Microbiol. App. Sci, researchgate.net

[https://www.researchgate.net/profile/Srikanta-Mahato/publication/342353097\\_Impact\\_of\\_Rainwater\\_Harvesting\\_Structures\\_on\\_Groundwater\\_Recharge\\_Potential\\_in\\_India/links/5ef2b0aa299bf1031f1f3ff9/Impact-of-Rainwater-Harvesting-Structures-on-Groundwater-Recharge-Potential-in-India.pdf](https://www.researchgate.net/profile/Srikanta-Mahato/publication/342353097_Impact_of_Rainwater_Harvesting_Structures_on_Groundwater_Recharge_Potential_in_India/links/5ef2b0aa299bf1031f1f3ff9/Impact-of-Rainwater-Harvesting-Structures-on-Groundwater-Recharge-Potential-in-India.pdf)

*The rapid population growth along with industrialisation led to overuse of fresh water resources and consequently reduce groundwater levels. Rapid urbanization has led to less ...*

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### **Metal Nanooxides as Bio-pesticides**

P Bhadra  
researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/343586261\\_Metal\\_Nanooxides\\_as\\_Bio-pesticides/links/5f644dcf299bf1b53eddefdd/Metal-Nanooxides-as-Bio-pesticides.pdf](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/343586261_Metal_Nanooxides_as_Bio-pesticides/links/5f644dcf299bf1b53eddefdd/Metal-Nanooxides-as-Bio-pesticides.pdf)

*The size-and shape-subordinate properties of nanomaterials are one of the exceptionally dynamic regions of research in current clinical sciences applications, particularly for ...*

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### **Crop Regulation and Post-harvest Handling of Guava**

A Roy (2020)  
AGRO ECONOMIST, researchgate.net

[https://www.researchgate.net/profile/T-Neelima/publication/350176344\\_Yield\\_Gap\\_Analysis\\_of\\_Rice\\_Under\\_Priyadarshini\\_Jurala\\_Command\\_Area\\_Using\\_RS\\_and\\_GIS/links/60547c49a6fdcc](https://www.researchgate.net/profile/T-Neelima/publication/350176344_Yield_Gap_Analysis_of_Rice_Under_Priyadarshini_Jurala_Command_Area_Using_RS_and_GIS/links/60547c49a6fdcc)

[bfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=111](#)

*Crop regulation is the basis for the regular and quality crop. Crop regulation is practised to get quality fruit with high commercial value. The key principle of crop regulation is to force a ...*

-----

### **The activities of Geopolymer aggregate and Fly ash with different Grades of concrete M25, M30, & M40**

K Saurabh (2021)

Turkish Journal of Computer and Mathematics ..., turcomat.org

<https://turcomat.org/index.php/turkbilmat/article/view/1618>

*Endeavors are expected to grow harmless to the ecosystem development materials, to diminish ozone depleting substance outflows. This paper persents the exercises of geo polymer ...*

-----

### **Fraudulent in Fish and Fisheries Products: An Overview**

R Das, MX KA, SK Ghosh (2021)

Biotica Research Today, bioticainternational.com

<https://bioticainternational.com/ojs/index.php/biorestoday/article/view/993>

*Seafood fraud generally practices by misleading the consumers about seafood to increase economic profits. Fish and fisheries products fraud always have negative impacts on species ...*

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### **Plant Resins Used in Aromatherapy**

S Parida

AND ITS BENEFITS, researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/350038518\\_Aromatherapy/links/6068499292851c91b19c2997/Aromatherapy.pdf#page=149](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/350038518_Aromatherapy/links/6068499292851c91b19c2997/Aromatherapy.pdf#page=149)

*Plant resins have become important in recent years for their use in aromatherapy. This chapter deals with different types of resins, their sources with the characteristics along with ...*

-----

### **Multi Machine Power System Stability Advancement Using UPFC Power Controller**

SK Samal (2020)

PalArch's Journal of Archaeology of Egypt ..., archives.palarch.nl

<https://www.archives.palarch.nl/index.php/jae/article/view/4128>

*Since of the electrical burden, an opportunity steadiness issue. At point when the issue happens in the force framework, the entire network goes to extreme homeless people. By utilizing ...*

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### **Clove and its Uses**

A Mishra

NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=36](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=36)

*Clove, authoritatively known as Syzygium Aromaticum, ie, derived from Myrtaceae a family of evergreen tropical tree. Its little rosy earthy colored bloom buds are utilized as a spice. In ...*

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### **Effects of Heat Absorption and Chemical Reaction on MHD Nanofluid Flow and Heat Transfer Past a Stretching Sheet with Melting**

GK Mahato, SS Rout, SB Padhi (2020)

International Journal of ..., modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/view/297>

*An investigation is made on a steady two dimensional boundary layer flow of a viscous, incompressible, electrically conducting, heat absorbing and chemically reacting nano-fluid over ...*

...

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### **Garlic as Nutraceutical**

CK Sahu

NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=15](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=15)

*Phytochemicals are the most useful things found in plant body, these are used from the ancient period. Many phytochemicals have worth to cure some deadly diseases. They have ...*

-----

### **Supercritical Extraction of Garlica and its Benefits on Prostate Cancer**

P Mahapatra

NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=124](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=124)

*The nutraceutical industry is currently interested in obtaining Garlic extracts using mild extraction process to recover high levels of labile allicin. Garlic and garlic extracts are used as ...*

...

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### **A Review on Applications of Computational Fluid Dynamics (CFD) in the Food Industry**

MR Padhi (2020)

PalArch's Journal of Archaeology of Egypt ..., archives.palarch.nl

<https://archives.palarch.nl/index.php/jae/article/view/4057>

*Computational Fluid Dynamics (CFD) is a powerful simulation tool to obtain fluid flow and heat*

*transfer simulation with the use of computers along with applied mathematics. It is cost ...*

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### **Consequence of Different Parameters on the High Stock Index of Allahabad Bank Using Deep Learning Techniques**

T Samantara, KP Rath, ... (2020)

International Journal of ..., modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/view/446>

*Stock market is one of exciting and demanding monetary activities for individual investors, and financial analysts. The stock market is an inter-connected important economic ...*

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### **Role of Clove in Lungs Cancer**

PP Samal

NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=428](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=428)

*Clove (syzygiumaromaticum) has the most significance value as spices which has been served mankind about centuries mostly for food as preservatives and also tremendous work in ...*

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### **Role of Ginger and its Components in Prevention and Treatment of Common Cold**

S Sharma

NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Atanu-Deb/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8d74169a1a010305ed6d/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=225](https://www.researchgate.net/profile/Atanu-Deb/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8d74169a1a010305ed6d/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=225)

*The common cold is a viral infection of the upper respiratory system that can also infect the lower respiratory system. Most of the flu like illnesses is caused by human rhino viruses (...)*

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### **Amla in Treatment of Obesity**

S Raut

NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Atanu-Deb/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8d74169a1a010305ed6d/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=290](https://www.researchgate.net/profile/Atanu-Deb/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8d74169a1a010305ed6d/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=290)

*Indian gooseberry or amla is most vital medicinal plant. because it is employed to treat different sorts of infection. most vital piece of it's organic product. Amla natural product is ...*

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### **Effects of Fennel in Diabetes**

A Mohapatra

NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Atanu-Deb/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8d74169a1a010305ed6d/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=340](https://www.researchgate.net/profile/Atanu-Deb/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8d74169a1a010305ed6d/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=340)

*This review summarizes the extraction of Fennel using different solvent and extractive methodologies and determination of bio-active molecules present in *Foeniculum vulgare* that ...*

-----

### **Mergers and Stock Market Reaction: Evidence from India**

DP Satapathy, S Shekhar (2020)

PalArch's Journal of Archaeology of ..., archives.palarch.nl

<https://archives.palarch.nl/index.php/jae/article/download/4117/4053>

*The paper tries to search is there any relationship between mergers of acquiring events and corporate market performance. Mergers and acquisitions have been used by corporate to ...*

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### **Fennel as Functional Food**

R Pattanayak

NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=366](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=366)

*The description and classification of fennel is presented by in this chapter. *Foeniculum vulgare* is a plant which increase largely as a fruit, or a herb, In herb and seeds essential oils are ...*

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### **Reduction of Pollution on Engine Exhaust System using Sedimentary Rock**

R Dontikurti, R Sivasankara Raju, YMR Gowda, ... (2020)

researchgate.net

[https://www.researchgate.net/profile/Srinivasa-P/publication/343254744\\_Reduction\\_of\\_Pollution\\_on\\_Engine\\_Exhaust\\_System\\_using\\_Sedimentary\\_Rock/links/5f1fd96f92851cd5fa4e2fb8/Reduction-of-Pollution-on-Engine-Exhaust-System-using-Sedimentary-Rock.pdf](https://www.researchgate.net/profile/Srinivasa-P/publication/343254744_Reduction_of_Pollution_on_Engine_Exhaust_System_using_Sedimentary_Rock/links/5f1fd96f92851cd5fa4e2fb8/Reduction-of-Pollution-on-Engine-Exhaust-System-using-Sedimentary-Rock.pdf)

*This project main aim is to reduce the rate of pollution emitting from the exhaust system of a petrol engine. Practically there is common three-way catalytic converter in the exhaust system that ...*

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### **Design and Analysis of Absorbing plate of Hybrid Type Solar Dryer for drying Ginger and Tomato**

DD Behera, SS Das, AM Mohanty, ... (2020)

PalArch's Journal of ..., archives.palarch.nl

<https://www.archives.palarch.nl/index.php/jae/article/download/4116/4052>

*... 1,3,4 Department of Mechanical Engineering, Centurion University of Technology and Management, Odisha, India ...*



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### **Role of Ginger in Obesity**

SK Shaw

NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Atanu-Deb/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8d74169a1a010305ed6d/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=309](https://www.researchgate.net/profile/Atanu-Deb/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8d74169a1a010305ed6d/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=309)

*Ginger is a totally renowned zest utilized around the world. It very well might be utilized for a ton of dinners or medication. It's been utilized to asset processing, diminish queasiness, and ...*

-----

### **Indian COVID-19 time series prediction using Facebook's Prophet model**

M Garanayak, G Sahu, ... (2021)

International ..., inderscienceonline.com

<https://doi.org/10.1504/IJCAT.2021.120466>

*... Centurion University of Technology and Management, Odisha, India. Recently, she is submitted her PhD thesis at KiiT Deemed to be University... at the Centurion University of Technology ...*

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### **Power Transmission Congestion Management In Compitative Electricity Market By Price Intrusion Using Soft Computing Technique**

S Mishra, AC Biswal (2020)

PalArch's Journal of Archaeology of Egypt ..., archives.palarch.nl

<https://archives.palarch.nl/index.php/jae/article/view/4056>

*The load dispatch centre is responsible for transporting electricity to consumers, Like urban transportation, transporting electricity is also a challenge. If things are normal as planned ...*

-----

### **Fundamentals of Integrated Disease Management Approaches on Major Tropical Fruit Crops in India**

S Das, S Pattanayak

researchgate.net

[https://www.researchgate.net/profile/Siddhartha-Das-7/publication/343966823\\_Fundamentals\\_of\\_Integrated\\_Disease\\_Management\\_Approaches\\_on\\_Major\\_Tropical\\_Fruit\\_Crops\\_in\\_India/links/5f4a4f0ba6fdcc14c5e0d4f5/Fundamentals-of-Integrated-Disease-Management-Approaches-on-Major-Tropical-Fruit-Crops-in-India.pdf](https://www.researchgate.net/profile/Siddhartha-Das-7/publication/343966823_Fundamentals_of_Integrated_Disease_Management_Approaches_on_Major_Tropical_Fruit_Crops_in_India/links/5f4a4f0ba6fdcc14c5e0d4f5/Fundamentals-of-Integrated-Disease-Management-Approaches-on-Major-Tropical-Fruit-Crops-in-India.pdf)

*Plant disease indicates the impairment of normal state to abnormal state additionally interruption or modification of physiological function results significant crop losses worldwide.*

...

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### **Aromatherapy A Mythological Approach for Medicine**

P Bhadra  
AND ITS BENEFITS, researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/350038518\\_Aromatherapy/links/6068499292851c91b19c2997/Aromatherapy.pdf#page=9](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/350038518_Aromatherapy/links/6068499292851c91b19c2997/Aromatherapy.pdf#page=9)

*Aromatherapy, a part of herbology, is one of the quickest developing treatments on the planet today. Generally, fundamental oils are best utilized as back rub or shower oils or inward ...*

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### **CONSTRICTING THE BIVARIATE ANALYSIS OF HIGHEST CROP YIELD PRODUCTION BASED ON DIFFERENT ZONES OF INDIA**

SK Nayak (2020)

International Journal of Modern Agriculture, modern-journals.com

<http://modern-journals.com/index.php/ijma/article/download/205/154>

*... Computer Science and Engineering, Centurion University of Technology and Management, Odisha, India ...*

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### **Tulsi as Personalized Medicine for Oral Cancer**

S Padhi

NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Atanu-Deb/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8d74169a1a010305ed6d/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=280](https://www.researchgate.net/profile/Atanu-Deb/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8d74169a1a010305ed6d/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=280)

*Actually scientists worldwide have perceived that the convincing future of any antimicrobial expert is limited, due to extending headway of resistance by microorganisms. Thusly, ...*

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### **Techniques of Optimizing Circular Array Using Novel Evolutionary Computing Tools**

AVS Swathi, V Chakravarthy, MV Krishna (2020)

researchgate.net

[https://www.researchgate.net/profile/M-Krishna-4/publication/343008469\\_Techniques\\_of\\_Optimizing\\_Circular\\_Array\\_Using\\_Novel\\_Evolutionary\\_Computing\\_Tools/links/5f118cdf4585151299a1440c/Techniques-of-Optimizing-Circular-Array-Using-Novel-Evolutionary-Computing-Tools.pdf](https://www.researchgate.net/profile/M-Krishna-4/publication/343008469_Techniques_of_Optimizing_Circular_Array_Using_Novel_Evolutionary_Computing_Tools/links/5f118cdf4585151299a1440c/Techniques-of-Optimizing-Circular-Array-Using-Novel-Evolutionary-Computing-Tools.pdf)

*In the paper, the circular array is optimized in terms of SLL and other parameters related to the radiation pattern. The non-uniform distribution is determined using the novel evolutionary ...*

-----

### **Wideband Printed Antenna Design Techniques: A Comprehensive Study**

GS Latha, GSN Raju (2020)

... : Proceedings of the Fifth ICMEET 2019, books.google.com

[https://books.google.com/books?hl=en&lr=&id=J\\_7sDwAAQBAJ&oi=fnd&pg=PA449&dq=centurion+university&ots=owm9n4lGTb&sig=GJNtWxGkDktm4RlibOU6Jn0S8uE](https://books.google.com/books?hl=en&lr=&id=J_7sDwAAQBAJ&oi=fnd&pg=PA449&dq=centurion+university&ots=owm9n4lGTb&sig=GJNtWxGkDktm4RlibOU6Jn0S8uE)

*Wideband (WB) antennas are extensively used in biomedical communication systems, due to their cost-effectiveness and high data rate handling capacity. In these applications, printed ...*

-----

### **Estimation of Probable Maximum One Day Duration Rainfall for Khurda Region**

G Dhupal, SS Swain (2020)

Int. J. Curr. Microbiol. App. Sci, researchgate.net

[https://www.researchgate.net/profile/Geetanjali-Dhupal/publication/342581919\\_Estimation\\_of\\_Probable\\_Maximum\\_One\\_Day\\_Duration\\_Rainfall\\_for\\_Khurda\\_Region/links/5f114898299bf1e548bd47dc/Estimation-of-Probable-Maximum-One-Day-Duration-Rainfall-for-Khurda-Region.pdf](https://www.researchgate.net/profile/Geetanjali-Dhupal/publication/342581919_Estimation_of_Probable_Maximum_One_Day_Duration_Rainfall_for_Khurda_Region/links/5f114898299bf1e548bd47dc/Estimation-of-Probable-Maximum-One-Day-Duration-Rainfall-for-Khurda-Region.pdf)

*The knowledge of probable maximum rainfall for a given region or area is a pre requisite for planning and designs of structures such as check dams, storage reservoirs, drainage works, ...*

-----

### **Land suitability evaluation for crops in Eturunagaram division of Warangal District, Telangana State**

E Narsaiah, GB Raj, T Ramprakash, DV Reddy, ... (2020)

IJCS, researchgate.net

[https://www.researchgate.net/profile/Ramprakash\\_Tata/publication/342620353\\_Land\\_suitability\\_evaluation\\_for\\_crops\\_in\\_Eturunagaram\\_division\\_of\\_Warangal\\_District\\_Telangana\\_State/links/5f045233299bf1881607e841/Land-suitability-evaluation-for-crops-in-Eturunagaram-division-of-Warangal-District-Telangana-State.pdf](https://www.researchgate.net/profile/Ramprakash_Tata/publication/342620353_Land_suitability_evaluation_for_crops_in_Eturunagaram_division_of_Warangal_District_Telangana_State/links/5f045233299bf1881607e841/Land-suitability-evaluation-for-crops-in-Eturunagaram-division-of-Warangal-District-Telangana-State.pdf)

*Six typical Pedon from central and eastern part of Warangal district, Eturunagaram division in Telangana State were evaluated for their suitability to major crops viz, rice, cotton, maize, ...*

-----

### **SUPPORT VECTOR MACHINE BASED CLASSIFICATION FOR TOMATO LEAVES DISEASES**

RK Ray, M Bhardwaj, R Kumar, ... (2020)

International Journal of ..., modern-journals.com

<http://modern-journals.com/index.php/ijma/article/download/204/153>

*... of CSE, Centurion University of Technology and Management, Odisha, India ...*

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### **International Journal of Bio-pharmacology, Biotechnology and Allied Sciences**

C Patro

ijbbas.com

<https://www.ijbbas.com/valume-1%20issue-3/IJBBAS20010302.pdf>

*Biofilms are clusters of microorganisms that lodge cells in the extracellular polysaccharide matrix (EPS) adheres to the edges. Biofilm formation may occur on biotic as well as abiotic ...*

-----

### **Genetically Modified Foods: Serenity & Concerns**

R Parida, R Mahapatra, D Saha (2021)  
Biotica Research Today, biospub.com

<https://biospub.com/index.php/biorestoday/article/view/799>

*The involvement of genetically modified food stuffs among the non-genetically modified food items have put people feel uneasy about this. The controversy of genetic engineering is for ...*

-----

### **Stress at Work Place: A Study with Reference to Police Personnel of Gajapathi District, Odisha**

KC Parle (2020)  
Productivity, search.proquest.com

[https://search.proquest.com/openview/88b0c877adac00d314d00688a96052b4/1?pq-origsite=gsc\\_holar&cbl=506334&casa\\_token=gBPe-c7GQ5cAAAAA:hzppUQEQP8onoT8AuXY\\_SFQXt1WTb7wgK6HVSK9UVoXILj1CoVpRfx5ZPFfgmo2\\_Dz\\_ISM9Z-zZS3A](https://search.proquest.com/openview/88b0c877adac00d314d00688a96052b4/1?pq-origsite=gsc_holar&cbl=506334&casa_token=gBPe-c7GQ5cAAAAA:hzppUQEQP8onoT8AuXY_SFQXt1WTb7wgK6HVSK9UVoXILj1CoVpRfx5ZPFfgmo2_Dz_ISM9Z-zZS3A)

*Job stress is a matter of concern in current scenario. Work stress results in disruption of psychological as well as physiological homeostasis of the individual, leading to deviant ...*

-----

### **A review on Amla (Emblca Officinalis) as Biomanure**

D Das  
NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=48](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=48)

*Crop cultivation is one among the foremost important sector of Indian economy. It provides occupation, food resources & is the backbone of Indian economy. The necessity of increased ...*

-----

### **IOT based Smart Garbage System for Efficient Waste Management**

SK Pradhan, SP Jena, D Rana (2020)  
researchgate.net

[https://www.researchgate.net/profile/Debaraj-Rana/publication/354723511\\_IOT\\_based\\_Smart\\_Garbage\\_System\\_for\\_Efficient\\_Waste\\_Management/links/6149bda6a3df59440b9d8937/IOT-based-Smart-Garbage-System-for-Efficient-Waste-Management.pdf](https://www.researchgate.net/profile/Debaraj-Rana/publication/354723511_IOT_based_Smart_Garbage_System_for_Efficient_Waste_Management/links/6149bda6a3df59440b9d8937/IOT-based-Smart-Garbage-System-for-Efficient-Waste-Management.pdf)

*Due to the rapid increase in population, the country is facing massive waste management challenges in smart cities. More than 377 million urban people live in 7,935 towns and cities ...*

-----

### **Effect Of Volatility And Liquidity On Acquiring Banks: Empirical Evidence From India**

DP Satapathy, ND Prasad (2020)  
PalArch's Journal of Archaeology of ..., archives.palarch.nl

<https://archives.palarch.nl/index.php/jae/article/view/4053>

*The paper tries to explore is there any relationship between volatility and liquidity effects on the*

*acquiring bank's performance of acquiring companies. The literature relating to the effect ...*

-----

**Identification of differentially expressed signature genes of PCOS under vitamin D deficiency and oxidative stress: A bioinformatics Analysis**

A Das1a, P Mishra

jst.org.in

<http://jst.org.in/wp-content/uploads/2021/09/JST060436July-Aug.pdf>

*Polycystic ovary syndrome (PCOS) is one of the most common hormonal disorders in women of reproductive age. However, there is a lack of genetic study of the internal mechanisms of ...*

-----

**Empathy: A Powerful Tool To Nurture Learning**

AP Behera (2020)

International Journal of Modern Agriculture, modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/view/379>

*In this paper, the relation between emotion, language, and communication is highlighted by examining the role of empathy in communication effectiveness and workplace performance. ...*

-----

**Effect of Fennugreek on Obesity**

S Patel

NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Atanu-Deb/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8d74169a1a010305ed6d/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=268](https://www.researchgate.net/profile/Atanu-Deb/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8d74169a1a010305ed6d/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=268)

*Fennugreek (Trigonella foenum-graecum) generally known as Methi is a yearly spice having a place with family Fabaceae. Basically due to the common belief that the plant made drugs ...*

-----

**Latex of plants: Wonders of nature for its therapeutic potentials and a valuable resource towards new drug development**

A Mishra, S Parida

researchgate.net

[https://www.researchgate.net/profile/Sagarika-Parida/publication/348150260\\_International\\_Journal\\_of\\_Botany\\_Studies\\_Latex\\_of\\_plants\\_Wonders\\_of\\_nature\\_for\\_its\\_therapeutic\\_potentials\\_and\\_a\\_valuable\\_resource\\_towards\\_new\\_drug\\_development/links/5ff032b645851553a011063f/International-Journal-of-Botany-Studies-Latex-of-plants-Wonders-of-nature-for-its-therapeutic-potentials-and-a-valuable-resource-towards-new-drug-development.pdf](https://www.researchgate.net/profile/Sagarika-Parida/publication/348150260_International_Journal_of_Botany_Studies_Latex_of_plants_Wonders_of_nature_for_its_therapeutic_potentials_and_a_valuable_resource_towards_new_drug_development/links/5ff032b645851553a011063f/International-Journal-of-Botany-Studies-Latex-of-plants-Wonders-of-nature-for-its-therapeutic-potentials-and-a-valuable-resource-towards-new-drug-development.pdf)

*This review article is an effort to provide the informative data on plant latex produced by a number of plants and various uses of latex viz. ethno-medicinal use, antimicrobial and anti-...*

-----

**Selection of Variety with High Performance Rose Apple (Syzygium jambos) Variety can be**

### **achieved with Morpho-Taxonomic Characterization**

A Tamang, VS Kuchi, BC Das, ... (2020)

Int. J. Curr. Microbiol. App ..., researchgate.net

[https://www.researchgate.net/profile/Anant-Tamang/publication/354776676\\_Selection\\_of\\_Variety\\_with\\_High\\_Performance\\_Rose\\_Apple\\_Syzygium\\_jambos\\_Variety\\_can\\_be\\_achieved\\_with\\_Morpho-Taxonomic\\_Characterization/links/614dae7ca595d06017e9348f/Selection-of-Variety-with-High-Performance-Rose-Apple-Syzygium-jambos-Variety-can-be-achieved-with-Morpho-Taxonomic-Characterization.pdf](https://www.researchgate.net/profile/Anant-Tamang/publication/354776676_Selection_of_Variety_with_High_Performance_Rose_Apple_Syzygium_jambos_Variety_can_be_achieved_with_Morpho-Taxonomic_Characterization/links/614dae7ca595d06017e9348f/Selection-of-Variety-with-High-Performance-Rose-Apple-Syzygium-jambos-Variety-can-be-achieved-with-Morpho-Taxonomic-Characterization.pdf)

*Syzygium jambos* belonging to family Myrtaceae is a tree originated in Southeast Asia. *Syzygium jambos* is a medium sized tree upto 15 metres height with a low branching tendency. ...

-----

### **Recent Advances in Rearing of the Laboratory Host-Rice Moth, *Corcyra cephalonica* Stainton**

D Padhy, V Ramlakshmi, L Dash, ... (2020)

Ind. J. Pure App ..., pdfs.semanticscholar.org

<https://pdfs.semanticscholar.org/a1ff/ec0775d6ed210f8093a5d3e9ca73101e1be8.pdf>

*Rice moth, Corcyra cephalonica* (Stainton) is being utilized in various bio-control research, developmental and extension units for mass production of number of natural enemies. The ...

-----

### **MOLECULAR INTERACTION OF AQUEOUS DEXTRAN AT DIFFERENT TEMPERATURES AND FREQUENCIES**

S Panda (2020)

International Journal of Modern Agriculture, modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/download/180/130>

... Department of Physics, Centurion University of Technology and Management, Odisha, India  
Email: subhrraj4u@gmail.com ...

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### **Fruit Detection Using Convolution Neural Network**

P Kumar, T Datta, S Chakravarty (2020)

International Journal of ..., modern-journals.com

<http://modern-journals.com/index.php/ijma/article/view/311>

*Fruit classification has emerged as a research area in the recent past. An algorithm based on convolution neural network (CNN) has been applied for fruit detection in this article. We ...*

-----

### **Performance of alkali-activated slag-based concrete with partial replacement of fine aggregate by Used Foundry Sand**

KN Rajesh, PM Raju, K Mishra (2021)

Journal of Building Pathology and ..., Springer

<https://doi.org/10.1007/s41024-021-00127-0>

*The scarcity of natural resources for the manufacturing of cement and the depletion of natural sand deposits led to the demand for looking into alternatives for cement and sand. The ...*

-----

### **Effect of Ginger in Colon Cancer**

B Mohapatra

NEW DELHI PUBLISHERS, researchgate.net

[https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321\\_An\\_Anthology\\_of\\_Nutraceuticals\\_Edited\\_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=491](https://www.researchgate.net/profile/Preetha-Bhadra-2/publication/353932321_An_Anthology_of_Nutraceuticals_Edited_Book/links/611a8f8a1ca20f6f8627af41/An-Anthology-of-Nutraceuticals-Edited-Book.pdf#page=491)

*The intention of the article is to explain the origin method and the way the bioactive compounds gift within the ginger reduces the result of cancer and play a task in malignant tumor ...*

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### **Role of Women's Organisations in Revitalising Communities: Some Reflections from the Gujarat Earthquake, India**

SM Panda (2020)

International Journal of Modern Agriculture, modern-journals.com

<http://modern-journals.com/index.php/ijma/article/view/305>

*This paper is based on the Gujarat earthquake of 2001 in which there was extensive devastation in Kachchh district in which more than 20,000 lives were lost. It has been almost 2 ...*

-----

### **Flower Identification & Classification Based on Efficient Deep Learning Technique**

R Jena, S Chakravarty (2020)

International Journal of Modern ..., modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/view/309>

*Every day we see a huge number of flower species in our house, parks, roadsides, in farms, on our rooftop but we have no knowledge of that flower species or their origin. Even we ...*

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### **NUTRIENT MANAGEMENT FOR SUSTAINABLE OAT PRODUCTION-A**

J JENA, JB PALAI, GK DASH

researchgate.net

[https://www.researchgate.net/profile/Goutam-Dash-2/publication/338356467\\_NUTRIENT\\_MANAGEMENT\\_FOR\\_SUSTAINABLE\\_OAT\\_PRODUCTION\\_-A\\_REVIEW/links/5e0eddd492851c8364addbbe/NUTRIENT-MANAGEMENT-FOR-SUSTAINABLE-OAT-PRODUCTION-A-REVIEW.pdf](https://www.researchgate.net/profile/Goutam-Dash-2/publication/338356467_NUTRIENT_MANAGEMENT_FOR_SUSTAINABLE_OAT_PRODUCTION_-A_REVIEW/links/5e0eddd492851c8364addbbe/NUTRIENT-MANAGEMENT-FOR-SUSTAINABLE-OAT-PRODUCTION-A-REVIEW.pdf)

*Land fragmentation and industrialization pulling back the agricultural output and have a tremendous pressure on nation's food security. Oat is an emerging dual crop which provides ...*

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### **An investigation on non-Darcy nanofluid flow due to the interaction of inclined magnetic field and nonlinear radiation**

S Jena, PK Pattnaik, KS Shekhawat, RP Sharma  
bharataganitaparisad.com

<https://bharataganitaparisad.com/wp-content/uploads/2021/10/711-ch022.pdf>

*This study presents the mathematical computation for non-Darcy nanofluid flow through a permeable surface which is a vertical surface interacting with a magnetic field. Present study of*

...

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### **Design of a Metamaterial Absorber**

SS Patasani, HC Mohanta (2020)

PalArch's Journal of Archaeology of ..., archives.palarch.nl

<https://www.archives.palarch.nl/index.php/jae/article/view/4135>

*This paper describes the electric field-driven LC (ELC) resonator structure behaving as microwave absorbers at two different frequencies for the application of battlefield and airborne*

...

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### **Plants used as a traditional biopesticide**

SS Bhat, PK Soni, VS Menasinakayi, ...

Medico-Biowealth of India ..., researchgate.net

[https://www.researchgate.net/profile/Sanjeet-Kumar-16/publication/357312556\\_Medico\\_Bio-wealth\\_of\\_India/links/61c60fc0b8305f7c4bfb5845/Medico-Bio-wealth-of-India.pdf#page=8](https://www.researchgate.net/profile/Sanjeet-Kumar-16/publication/357312556_Medico_Bio-wealth_of_India/links/61c60fc0b8305f7c4bfb5845/Medico-Bio-wealth-of-India.pdf#page=8)

*Application of chemical pesticides leads to the development of resistance in insects, destruction of beneficial microorganisms and increase in residual problem which can be a threat to ...*

-----

### **Power Transmission Congestion Management by Price intrusion using Sensitivity Technique**

S Mishra, AC Biswal (2020)

PalArch's Journal of Archaeology of Egypt ..., archives.palarch.nl

<https://archives.palarch.nl/index.php/jae/article/view/4058>

*Like urban transportation, transporting electricity is also a challenge. If things are normal as planned then there will be no issues in transporting electricity to consumer from generating ...*

-----

### **Impact Analysis of Black Hole, Flooding Attacks and Enhancements in MANET Using SHA-3 Keccak Algorithm**

TS Vamsi, TS Kumar, MV Krishna (2020)

... : Proceedings of the Fifth ..., books.google.com

[https://books.google.com/books?hl=en&lr=&id=J\\_7sDwAAQBAJ&oi=fnd&pg=PA105&dq=centurion+university&ots=owm9n4lGTd&sig=hieI-gYJXxrVeZRL2WytSwVPbG8](https://books.google.com/books?hl=en&lr=&id=J_7sDwAAQBAJ&oi=fnd&pg=PA105&dq=centurion+university&ots=owm9n4lGTd&sig=hieI-gYJXxrVeZRL2WytSwVPbG8)

*In present-day wireless communication scenario, Mobile ad hoc network (MANET) plays a very important role, as it consists of many autonomous nodes which communicate together to ...*



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### **AN INSIGHT INTO PLANTS USED IN AROMATHERAPY**

K Bhatta, S Behera

researchgate.net

[https://www.researchgate.net/profile/Kalpita-Bhatta/publication/360513786\\_AN\\_INSIGHT\\_INTO\\_PLANTS\\_USED\\_IN\\_AROMATHERAPY/links/627b46d7107cae29199bb1a1/AN-INSIGHT-INTO-PLANTS-USED-IN-AROMATHERAPY.pdf](https://www.researchgate.net/profile/Kalpita-Bhatta/publication/360513786_AN_INSIGHT_INTO_PLANTS_USED_IN_AROMATHERAPY/links/627b46d7107cae29199bb1a1/AN-INSIGHT-INTO-PLANTS-USED-IN-AROMATHERAPY.pdf)

*In the present study a systematic review has been carried out to document the plants used in aromatherapy. Aromatherapy is one of the forms of alternative therapy which has been ...*

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### **INFLUENCE OF TRANSVERSE VIBRATIONS ON THE FATIGUE LIFE OF ALUMINUM ALLOY WELD CONNECTIONS**

MV RAO, PS RAO, PG RAO

researchgate.net

[https://www.researchgate.net/profile/Srinivasa-P/publication/342638717\\_INFLUENCE\\_OF\\_TRANSVERSE\\_VIBRATIONS\\_ON\\_THE\\_FATIGUE\\_LIFE\\_OF\\_ALUMINUM\\_ALLOY\\_WELD\\_CONNECTIONS/links/5efdef18a6fdcc4ca444bf73/INFLUENCE-OF-TRANSVERSE-VIBRATIONS-ON-THE-FATIGUE-LIFE-OF-ALUMINUM-ALLOY-WELD-CONNECTIONS.pdf](https://www.researchgate.net/profile/Srinivasa-P/publication/342638717_INFLUENCE_OF_TRANSVERSE_VIBRATIONS_ON_THE_FATIGUE_LIFE_OF_ALUMINUM_ALLOY_WELD_CONNECTIONS/links/5efdef18a6fdcc4ca444bf73/INFLUENCE-OF-TRANSVERSE-VIBRATIONS-ON-THE-FATIGUE-LIFE-OF-ALUMINUM-ALLOY-WELD-CONNECTIONS.pdf)

*Welding is a commonly used method to join a wide variety of materials. Formation of residual stresses can't be avoidable in the welded structures. Uneven heating cycles are the main ...*

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### **A COMPARATIVE STUDY ON THE PERFORMANCE OF WIRE EDM MACHINING OF D2 STEEL USING UNCOATED, COATED AND ANNEALED WIRE**

S Patro, I Harish, PS Rao

researchgate.net

[https://www.researchgate.net/profile/Santosh-Patro/publication/343995382\\_A\\_COMPARATIVE\\_STUDY\\_ON\\_THE\\_PERFORMANCE\\_OF\\_WIRE\\_EDM\\_MACHINING\\_OF\\_D2\\_STEEL\\_USING\\_UNCOATED\\_COATED\\_AND\\_ANNEALED\\_WIRE/links/5f4d1e9692851c6cfd1161e0/A-COMPARATIVE-STUDY-ON-THE-PERFORMANCE-OF-WIRE-EDM-MACHINING-OF-D2-STEEL-USING-UNCOATED-COATED-AND-ANNEALED-WIRE.pdf](https://www.researchgate.net/profile/Santosh-Patro/publication/343995382_A_COMPARATIVE_STUDY_ON_THE_PERFORMANCE_OF_WIRE_EDM_MACHINING_OF_D2_STEEL_USING_UNCOATED_COATED_AND_ANNEALED_WIRE/links/5f4d1e9692851c6cfd1161e0/A-COMPARATIVE-STUDY-ON-THE-PERFORMANCE-OF-WIRE-EDM-MACHINING-OF-D2-STEEL-USING-UNCOATED-COATED-AND-ANNEALED-WIRE.pdf)

*In the present work, a comparative study on the performance of Wire Electrical Discharge Machining of D2 Steel using Brass wire, Zinc coated Copper wire and Annealed Copper wire is ...*

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### **EMPIRICAL RISK AND RETURN ANALYSIS OF BIOTECHNOLOGY COMPANIES IN BOMBAY STOCK MARKET**

PK Patjoshi

researchgate.net

[https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354403648\\_EMPIRICAL\\_RISK\\_AND\\_RETURN\\_ANALYSIS\\_OF\\_BIOTECHNOLOGY\\_COMPANIES\\_IN\\_BOMBAY\\_S](https://www.researchgate.net/profile/Pramod-Patjoshi/publication/354403648_EMPIRICAL_RISK_AND_RETURN_ANALYSIS_OF_BIOTECHNOLOGY_COMPANIES_IN_BOMBAY_S)

[TOCK MARKET/links/613745622b40ec7d8bed9a9e/EMPIRICAL-RISK-AND-RETURN-ANALYSIS-OF-BIOTECHNOLOGY-COMPANIES-IN-BOMBAY-STOCK-MARKET.pdf](#)

*Stock market is a vital segment for the economic development of a nation and parameter to measures the performance of economic condition in a nation. Investment in the stock market ...*

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**A NEW VALIDATED THIRD ORDER DERIVATIVE SPECTROSCOPIC METHOD FOR SIMULTANEOUS ESTIMATION OF METOPROLOL SUCCINATE AND ...**

B ALEKHYA, M SINDHUSHA, K SORAJ, K GOPAL (2020)

academia.edu

[https://www.academia.edu/download/65256155/A\\_NEW\\_VALIDATED\\_THIRD\\_ORDER\\_DERIVATIVE\\_SPECTROSCOPIC\\_METHOD\\_FOR.pdf](https://www.academia.edu/download/65256155/A_NEW_VALIDATED_THIRD_ORDER_DERIVATIVE_SPECTROSCOPIC_METHOD_FOR.pdf)

*Objective: The objective of the present work is to develop and validate a new UV derivative spectrophotometric method for simultaneous estimation of metoprolol succinate and ramipril ...*

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**BUILDING PLAN APPROVAL SYSTEM IN URBAN AREAS: A STUDY OF PUBLIC PERCEPTION**

SK Rao (2020)

International Journal of Modern Agriculture, modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/download/216/164>

*Developing countries including India continue to witness swift urban expansion and augmentation of construction activities. The rapid intensification of construction activities ...*

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**Agro-Processing Industries—a Boon in Rural Production Catchment Areas**

S Kumar (2020)

AGRO ECONOMIST, researchgate.net

[https://www.researchgate.net/profile/T-Neelima/publication/350176344\\_Yield\\_Gap\\_Analysis\\_of\\_Rice\\_Under\\_Priyadarshini\\_Jurala\\_Command\\_Area\\_Using\\_RS\\_and\\_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=123](https://www.researchgate.net/profile/T-Neelima/publication/350176344_Yield_Gap_Analysis_of_Rice_Under_Priyadarshini_Jurala_Command_Area_Using_RS_and_GIS/links/60547c49a6fdccbfeae130c/Yield-Gap-Analysis-of-Rice-Under-Priyadarshini-Jurala-Command-Area-Using-RS-and-GIS.pdf#page=123)

*Agro-processing, is considered as Sunrise sector of the Indian economy due to it's large potential for growth owing to income and employment generation. In India only 3% of work force ...*

-----

**PURCHASE BEHAVIOR OF DOMESTIC VERSUS GLOBAL BRANDS: IN CASE OF CLOTH, TEXTILES AND FOOTWEAR IN SRIKAKULAM TOWN**

K Venugopal, S Vadrevu, S Dey, ... (2020)

International Journal of ..., modern-journals.com

<http://modern-journals.com/index.php/ijma/article/view/186>

*Extensive operations of global brands with modern strategies resulted into the successful journey*

*with a substantial customer gain has created predetermined thoughts of consumers ...*

-----

**Validation of darunavir in pharmaceutical formulations using mbth reagent**

P Rao, KR Babu, MLN Acharyulu, ... (2020)

International Journal of ..., indianjournals.com

<https://www.indianjournals.com/ijor.aspx?target=ijor:ijesm&volume=9&issue=2&article=005>

*A simple and sensitive extractive visible spectrophotometric method for the assay of Darunavir (DNV) in pure and pharmaceutical formulations is developed., The method is based on ...*

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**International Journal of Bio-pharmacology, Biotechnology and Allied Sciences**

RR Nayak

ijbbas.com

<https://www.ijbbas.com/valume-1%20issue-3/IJBAS20010301.pdf>

*Crude drug adulteration and replacement is a raging issue. Undoubtedly, replacement is effective in areas where there is no supply of particular crude product and or undesirable ...*

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**VARIATION OF CONCENTRATION OF DEXTRAN WITH GLYCINE AT 308 K AND AT FREQUENCY 5MHZ**

S Panda (2020)

International Journal of Modern Agriculture, modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/download/179/129>

*... Department of Physics, Centurion University of Technology and Management, Odisha, India  
Email: subhrraraj4u@gmail.com ...*

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**A Proposed Wireless Technique in Vehicle-to-Vehicle Communication to Reduce a Chain of Accidents Over**

S Barik, S Mohanty, R Agarwal, ... (2020)

... of ICMLIP 2019, books.google.com

[https://books.google.com/books?hl=en&lr=&id=ep\\_YDwAAQBAJ&oi=fnd&pg=PA105&dq=centurion+university&ots=SbljnNfMWW&sig=3uG9tmYYZm17qcZCvgVHNCUFeII](https://books.google.com/books?hl=en&lr=&id=ep_YDwAAQBAJ&oi=fnd&pg=PA105&dq=centurion+university&ots=SbljnNfMWW&sig=3uG9tmYYZm17qcZCvgVHNCUFeII)

*Vehicle-to-vehicle (V2V) communication is used to transmit data between vehicles to prevent chain of accidents. Chain of accident refers to serial collision of vehicles one behind ...*

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**A study on salesforce attrition in retail sector**

V Karumuri, R Vemula

researchgate.net

[https://www.researchgate.net/profile/Rajesh-Vemula-2/publication/352539012\\_A\\_study\\_on\\_salesforce\\_attrition\\_in\\_retail\\_sector/links/60e2d5a592851ca944aa0ed9/A-study-on-salesforce-atriti](https://www.researchgate.net/profile/Rajesh-Vemula-2/publication/352539012_A_study_on_salesforce_attrition_in_retail_sector/links/60e2d5a592851ca944aa0ed9/A-study-on-salesforce-atriti)

[on-in-retail-sector.pdf](#)

*Retail salesforce are the face of retail industry. The salesforce had face to face communication with employees. So, a satisfied employee could be more attentive to customer quarries. ...*

-----

### **Molecular Perspectives of Plant-Pathogen Interactions: An Overview on Plant Immunity**

G Kumar, S Nanda  
researchgate.net

[https://www.researchgate.net/profile/Gagan-Kumar-2/publication/350877514\\_Molecular\\_Perspectives\\_of\\_Plant-Pathogen\\_Interactions\\_An\\_Overview\\_on\\_Plant\\_Immunity/links/6077de04907d4cf667b9d46fa/Molecular-Perspectives-of-Plant-Pathogen-Interactions-An-Overview-on-Plant-Immunity.pdf](https://www.researchgate.net/profile/Gagan-Kumar-2/publication/350877514_Molecular_Perspectives_of_Plant-Pathogen_Interactions_An_Overview_on_Plant_Immunity/links/6077de04907d4cf667b9d46fa/Molecular-Perspectives-of-Plant-Pathogen-Interactions-An-Overview-on-Plant-Immunity.pdf)

*... MS Swaminathan School of Agriculture, Centurion University of Technology and ... Authors are thankful to the Centurion University of Technology and Management for necessary facilities*

...

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### **CRISPR-CAS9: A Revolutionary Tool**

SP Kar, A Das, A Swain (2020)  
Biotica Research Today, bioticainternational.com

<https://www.bioticainternational.com/ojs/index.php/bioretoday/article/view/338>

*As we all know that DNA is responsible for the physical traits of the living organisms, we can change their characteristics by editing their DNA. This can be possible by addition or ...*

-----

### **Year Round Care and Management of Greenhouse**

P Manasa, MS Ram, S Maitra  
researchgate.net

[https://www.researchgate.net/profile/Sagar-Maitra/publication/347523322\\_Year\\_Round\\_Care\\_and\\_Management\\_of\\_Greenhouse/links/5fe0cfaaa6fdccdc8ef56d2/Year-Round-Care-and-Management-of-Greenhouse.pdf](https://www.researchgate.net/profile/Sagar-Maitra/publication/347523322_Year_Round_Care_and_Management_of_Greenhouse/links/5fe0cfaaa6fdccdc8ef56d2/Year-Round-Care-and-Management-of-Greenhouse.pdf)

*Greenhouse is a type of enclosed structure roofed with glass or plastic, where generally different high value crops are grown throughout the year by controlling the climatic parameters. ...*

-----

### **POSSIBLE CHARACTER OF CLASSICAL THERAPEUTIC RHIZOME OF TURMERIC FOR THE PREVENTION AND THE EXECUTIVES OF NOVEL CORONA**

...

A Kumar  
researchgate.net

[https://www.researchgate.net/profile/Anilkumar-Vadaga/publication/343378015\\_POSSIBLE\\_CHARACTER\\_OF\\_CLASSICAL\\_THERAPEUTIC\\_RHIZOME\\_OF\\_TURMERIC\\_FOR\\_THE\\_PREVENTION\\_AND\\_THE\\_EXECUTIVES\\_OF\\_NOVEL\\_CORONA\\_VIRUS/links/60b258e692851cd0d9853776/POSSIBLE-CHARACTER-OF-CLASSICAL-THERAPEUTIC-RHIZOME-O](https://www.researchgate.net/profile/Anilkumar-Vadaga/publication/343378015_POSSIBLE_CHARACTER_OF_CLASSICAL_THERAPEUTIC_RHIZOME_OF_TURMERIC_FOR_THE_PREVENTION_AND_THE_EXECUTIVES_OF_NOVEL_CORONA_VIRUS/links/60b258e692851cd0d9853776/POSSIBLE-CHARACTER-OF-CLASSICAL-THERAPEUTIC-RHIZOME-O)

F-TURMERIC-FOR-THE-PREVENTION-AND-THE-EXECUTIVES-OF-NOVEL-CORONA-VIRUS.pdf

*Human history is watching a very odd time fighting an imperceptible enemy. The novel coronavirus infection was started in late December 2019 from Wuhan city, China. A short time later...*

-----

**Disease Management of Vegetables Grown under Protected Cultivation**

AK Sahu, A Pal

researchgate.net

[https://www.researchgate.net/profile/Arunabha-Pal/publication/349027557\\_Disease\\_Management\\_of\\_Vegetables\\_Grown\\_under\\_Protected\\_Cultivation/links/601b9be9a6fdcc37a8ff818b/Disease-Management-of-Vegetables-Grown-under-Protected-Cultivation.pdf](https://www.researchgate.net/profile/Arunabha-Pal/publication/349027557_Disease_Management_of_Vegetables_Grown_under_Protected_Cultivation/links/601b9be9a6fdcc37a8ff818b/Disease-Management-of-Vegetables-Grown-under-Protected-Cultivation.pdf)

*In recent time, high value and off-seasonal vegetable crops are grown under protected condition. But, plant pathogens get suitable climate for growth, and also conducive environment. ...*

-----

**Cardiac Signal Acquisition And Processing On Android Smart Phones**

NJ Krishna Kumar (2021)

NVEO-NATURAL VOLATILES & ESSENTIAL OILS ..., nveo.org

<http://www.nveo.org/index.php/journal/article/view/3696>

*Several projects based on Smart-phone systems have been presented in various industries and many more application possibilities are being studied. A major issue remaining ...*

-----

**Change in behavior of insects under different climatic condition**

L Dash

researchgate.net

[https://www.researchgate.net/profile/Lipsa-Dash-2/publication/347934685\\_Change\\_in\\_behavior\\_of\\_insects\\_under\\_different\\_climatic\\_condition/links/5fe87beda6fdccdc807e5fc/Change-in-behavior-of-insects-under-different-climatic-condition.pdf](https://www.researchgate.net/profile/Lipsa-Dash-2/publication/347934685_Change_in_behavior_of_insects_under_different_climatic_condition/links/5fe87beda6fdccdc807e5fc/Change-in-behavior-of-insects-under-different-climatic-condition.pdf)

*Global warming is a great concern throughout the world. The ill effects of global warming like change in climate, temperature, rainfall, humidity, level of carbon di-oxide has been found ...*

-----

**Use of Acetone & Water Combination as Refrigerant in Vapour Compression Refrigeration System (VCRS): A Process Development & Validation**

S Chakraborty, SB Mohapatra

researchgate.net

[https://www.researchgate.net/profile/Shubham-Chakraborty-4/publication/340684155\\_Use\\_of\\_Acetone\\_Water\\_Combination\\_as\\_Refrigerant\\_in\\_Vapour\\_Compression\\_Refrigeration\\_System\\_VCRS\\_A\\_Process\\_Development\\_Validation/links/613f6340a1721c56f50bd05c/Use-of-Acetone-Water-Combination-as-Refrigerant-in-Vapour-Compression-Refrigeration-System-VCRS-A-Process-Development-Validation.pdf](https://www.researchgate.net/profile/Shubham-Chakraborty-4/publication/340684155_Use_of_Acetone_Water_Combination_as_Refrigerant_in_Vapour_Compression_Refrigeration_System_VCRS_A_Process_Development_Validation/links/613f6340a1721c56f50bd05c/Use-of-Acetone-Water-Combination-as-Refrigerant-in-Vapour-Compression-Refrigeration-System-VCRS-A-Process-Development-Validation.pdf)

*Synthetic refrigerants contributes to global warming & depletion of ozone layer. Investigations over last few decades solicit natural substances to take over the present challenge. The ...*

-----

### **Ultrasonic study on dextran in aqueous media at 313 K at different frequencies**

S Panda

researchgate.net

[https://www.researchgate.net/profile/Subhraj-Panda/publication/343760783\\_Ultrasonic\\_study\\_on\\_dextran\\_in\\_aqueous\\_media\\_at\\_313\\_K\\_at\\_different\\_frequencies/links/5f3e2d42458515b7293107cc/Ultrasonic-study-on-dextran-in-aqueous-media-at-313-K-at-different-frequencies.pdf](https://www.researchgate.net/profile/Subhraj-Panda/publication/343760783_Ultrasonic_study_on_dextran_in_aqueous_media_at_313_K_at_different_frequencies/links/5f3e2d42458515b7293107cc/Ultrasonic-study-on-dextran-in-aqueous-media-at-313-K-at-different-frequencies.pdf)

*In recent years, measurement of ultrasonic velocity is helpful to interpret solute-solute, solute-solvent interaction in aqueous medium. The ultrasonic speed (U), density ( $\rho$ ) and viscosity (...)*

-----

### **Low cost Production of biofuel “ethanol” from rice straw**

A Bisi, C Routray

shabdbooks.com

<http://shabdbooks.com/gallery/326-may2020.pdf>

*This research gives a brief discussion on work done in the formation of bioethanol from rice straws using physical and chemical methods. The physical methods include washing, air air ...*

-----

### **Structures, Benches and Containers Used in Protected Cultivation**

C Jena, K Pavani, K Pramanik

researchgate.net

[https://www.researchgate.net/profile/Chinmaya-Jena-5/publication/346801378\\_Structures\\_Benches\\_and\\_Containers\\_Used\\_in\\_Protected\\_Cultivation/links/5fd0fc2492851c00f861fdbf/Structures-Benches-and-Containers-Used-in-Protected-Cultivation.pdf](https://www.researchgate.net/profile/Chinmaya-Jena-5/publication/346801378_Structures_Benches_and_Containers_Used_in_Protected_Cultivation/links/5fd0fc2492851c00f861fdbf/Structures-Benches-and-Containers-Used-in-Protected-Cultivation.pdf)

*India is the second largest producing country in vegetable and fruits in world. Due to increase in population there is increase in demand of horticultural produces. Most of the ...*

-----

### **Social Dimensions of Post-Quake Programmes in Kachchh, Gujarat (India): Disaster Management Lessons**

SM Panda (2020)

International Journal of Modern Agriculture, modern-journals.com

<http://www.modern-journals.com/index.php/ijma/article/view/306>

*This article focuses on the social dimensions of post-quake rehabilitation programmes in Kachchh district of Gujarat state (earthquake of Jan 2001) in India. Several rehabilitation and ...*

...

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### **Monitoring, controlling and power sources for digital terrestrial television transmission in**

### **rural India**

M Shial, S Mishra (2020)

JOURNAL OF INNOVATION IN ..., innovation-journals.org

[https://innovation-journals.org/JIECE/EC10-1/ece\\_10vi1-6.pdf](https://innovation-journals.org/JIECE/EC10-1/ece_10vi1-6.pdf)

*The rural India is the backbone of the country's development in aspects of farming and small-scale business. For improving the livelihood in rural and remote areas the government of*

...

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### **Cultivation of Off-season Vegetables under Protected Conditions**

B Sahu, S Dalai, K Mallikarjunarao

researchgate.net

[https://www.researchgate.net/profile/Basabadatta-Sahu/publication/347246124\\_Cultivation\\_of\\_Off-season\\_Vegetables\\_under\\_Protected\\_Conditions/links/5fe44f1892851c13feb49fce/Cultivation-of-Off-season-Vegetables-under-Protected-Conditions.pdf](https://www.researchgate.net/profile/Basabadatta-Sahu/publication/347246124_Cultivation_of_Off-season_Vegetables_under_Protected_Conditions/links/5fe44f1892851c13feb49fce/Cultivation-of-Off-season-Vegetables-under-Protected-Conditions.pdf)

*Good health and good nutrition are highly essential component in today's life. Most of that is fulfilled by vegetables. The demand of growing vegetables is harnessing day by day. The ...*

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### **Green Bioremediation Technology**

L Bera, S Pradhan, D Saha (2020)

Biotica Research Today, bioticainternational.com

<https://bioticainternational.com/ojs/index.php/biorestoday/article/view/386>

*Phytoremediation is the process of bioremediation by the help of plants that alleviate the environmental issues without the necessity to dig the contaminant substance and discard of it in*

...

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### **Corn Oil—An Untapped Source of Edible Oil in India**

S Kumar, R Adhikary

researchgate.net

[https://www.researchgate.net/profile/Rahul-Adhikary/publication/346942513\\_Corn\\_Oil\\_-An\\_Untapped\\_Source\\_of\\_Edible\\_Oil\\_in\\_India/links/5fd33ba092851c00f8667191/Corn-Oil-An-Untapped-Source-of-Edible-Oil-in-India.pdf](https://www.researchgate.net/profile/Rahul-Adhikary/publication/346942513_Corn_Oil_-An_Untapped_Source_of_Edible_Oil_in_India/links/5fd33ba092851c00f8667191/Corn-Oil-An-Untapped-Source-of-Edible-Oil-in-India.pdf)

*In India Maize is the third most important cereal crop after rice and wheat. The country's vegetable oil consumption was at 23 million tonnes in 2017. However there is a needs to ...*

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### **Functional Role of miRNAs: Key Players in Soybean Improvement**

K Gupta, SK Mishra, S Gupta, S Pandey, J Panigrahi, ... (2021)

Phyton, search.proquest.com

[https://search.proquest.com/openview/31de8446ed840422069a92a92243b4c9/1?pq-origsite=gsc\\_holar&cbl=4585451&casa\\_token=XxiMBDaBY30AAAAA:GI46c01qmj7XkHh-ssdfi7\\_MZ-x4](https://search.proquest.com/openview/31de8446ed840422069a92a92243b4c9/1?pq-origsite=gsc_holar&cbl=4585451&casa_token=XxiMBDaBY30AAAAA:GI46c01qmj7XkHh-ssdfi7_MZ-x4)

HEzTJ9zxUzZ4802CPbpoJxexI6dEhpU-xRfPxBmjTslv2-JJHA

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