



Individual Activity Summary Sheet

Name of the Activity:

Student Training Program on Cryptography and Cyber security

Name of the Collaborating Agency: IBM, India

Number of Activities under this MoU: 2

Year of the Activity: 2020

Duration of Activity: 15 jun.2020 – 26 jun 2020(online)

Duration of MoU: 02-03-2020 To 01-03-2024

No. of Students Participated: 37

No. of Faculty Participated: 7

Brief description about the activity: The aim of this training is to introduce the student to the areas of cryptography and cryptanalysis. This course develops a basic understanding of the algorithms used to protect users online and to understand some of the design choices behind these algorithms. We have received 10 copies of the materials from IBM.

List of Participants:

Faculty:

SL NO	Name	Campus	E-Mail
1	Suwendu Kumar Nayak	BBSR	suwendu@cutm.ac.in
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6	Sri Ch Narayan	Vizag	narayanarao.chokkapu@gmail.com
7	Dr. Jhum Swain	PKD	jhum.swain@cutm.ac.in

Student:

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Resource Person: Anjan Chaterjee, IBM



Activity Report

Agency Name: NTNU

Academic Year: 2019-20

Total Number of Activities in this academic year: 1

Name of the Activity: Academic Course Curriculum Preparation

Name of the Students:

Two students Ashok Kumar Sindri and Prabhat kumar Tripathy went for the exchange program at NTNU in January 2020.

The course developed in partnership with NTNU now works for two groups of students: first and second year.

It was also noted that the courses jointly designed by the two Universities were being offered as per the curriculum. Faculty from both the Bhubaneswar and Parlakhemundi campuses were involved in teaching the courses which had a good mix of classroom and field oriented sessions (the courses are listed in a separate file).

Second year students: A meeting was held with the 2 students of MDM (Ashok Kumar Sindri and Prabhat Kumar Tripathy) who would be going to NTNU for one semester (Spring) as part of the collaborative programme.

They gave a profile of the University outlining the different disciplines that are offered at NTNU, general idea about the different campuses, the number students at different levels of the University, organisational structure and location of different campuses. He also gave a brief idea about the city of Trondheim and the Dragvoll campus where the students from CUTM will be located.

In Spring 2020 in which the students from CUTM have been enrolled extends over approximately 6 months in which 6 Jan – 20 April 2020 is teaching and 4 May – 6 June 2020 is the examination period.

The students will undertake 3 courses – 1) Globalisation and Sustainable Development in the South
2) Innovation and Regional Development, 3) GIS Tools for Climate Change Studies.



Dean - Academic
Centurion University of Technology & Management
Bhubaneswar, Khurda - Odisha 751022

Individual Activity Summary Sheet

Name of the Activity:

1. Placement and Internship

Name of the Collaborating Agency: **BADVE Engineering LTD, Bangalore**

Number of Activities under this MoU: 1

Year of the Activity: 2020

Duration of Activity: __1st Mar to 20th Apr 2020_____

Duration of MoU: 22-09-2018 to 30-09-2020

No. of Students Participated: 5

No. of Faculty Participated: 0

Brief descriptions about the activity: (if any)

1	160101160003	RAJA PADHY	BADVE ENGINEERING LIMITED, VITHALPUR, Ahmedabad, Gujarat/ GTET	3
2	160101160005	RATNAKAR BISOI	BADVE ENGINEERING LIMITED, VITHALPUR	3
3	160101160013	ABHINASH PATRO	BADVE ENGINEERING LIMITED, VITHALPUR	3
4	160101160023	PRUDVI RAJ THATIKONDA	BADVE ENGINEERING LIMITED, VITHALPUR	3
5	160101161040	VASANTH KUMAR MAMMILA	BADVE ENGINEERING LIMITED, VITHALPUR	3





Activity Report

CUTM in Collaboration with CIFA has provided Reserach Exposure visit and Research Internship for students and faculty of School of Fisharies.

Agency Name: CIFA

Academic Year: 2021-22

Total Number of Activities in this academic year: 1

Name of the Activity: Research exposure visit and Research Internship

Activities under this collaboration :

Year 2019:

1. 14 BFSc students (2nd Year) visited ICAR-CIFA to learn about various technological advances in the field of freshwater aquaculture
2. Ms.Nandini Padhi,Assistant professor SOF was nominated for attending NFDB Sponsored Training of Trainers Training Programme on "Recent Advances in Fish Nutrition and Feed Technology from 02-06 November 2019 at ICAR-CIFA
3. Efficacy of certain chemicals against leech, *Glossiphonia complanata* (L) on freshwater pearl mussel *Lamellidens marginalis* (L) paper published 2021
5. Dr.J.K.Sundaray was invited as external for Board of Studies for syllabus revision Year 2022

6. Dr.J.K.Sundaray actively participated in providing a proposal for management of small reservoir of gajapati along with centurion university





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Activity Report

CUTM in collaboration with Bionome Pvt. Ltd conducted one month internship for Phytopharmaceutical students of CUTM. This training program is conducted online mode as Bioinformatics Summer Training. This activity is planned as per the MoU between Bionome and CUTM. All the students are awarded with certificates after successful completion of the course.

Total Number of Students participated: 16

Duration: 1 Month

Activity: Online training on Bioinformatics Summer Training

M. Srinivasan

DEAN
M S Swaminathan School of Agriculture
CUTM, Paratikherundi



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Activity Summary Sheet

Name of the Collaborating Agency: Dassault Systèmes (Living Heritage)

Duration of Competition: 01.07.2021 to 15.12.2021 (5 Month)

Name of the Activity:

1. Decide of project for the competition.
2. Site visit (Reference Photos, Videos, Dimensions).
3. Gathering of license, resource persons (Dassault Systèmes & College).
4. Design and develop of the product.
5. Submitting of the project.

Number of Activities under this Competition: 1

Year of the Activity: 2021

Duration of Activity: 120 days - Competition

No. of Students Participated: 5

No. of Faculty Participated: 3

Brief description about the activity: The project is based on reconstructing UNESCO World Heritage sites as 3D models, where 6 teams from all around the world gave new life to iconic places and masterpieces that have shaped human history. We being one of the team, consisting of 5 students - Dibyajyoti Nayak, A Shiba Reddy, Shireen Hossain, Rohan Ruidas and Jatin Krishna Vallangi as well as 3 mentors - N Laxmidhar Reddy, Lipsa Patra and Avinash Kumar Singh, representing India, were involved in reconstructing the Konark Sun Temple situated in Odisha, India in the 3D Experience Platform.

The project focuses on improving the future by using our knowledge and know - how to rediscover and learn from our shared past by creating 3D virtual experiences of ancient cites.


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Activity Report

School/Department Name: SOET/CSE

Academic Year: 2020

Total Number of Activities in this academic year: 2

Total Number of functional MoUs in this academic year:1

Individual Activity Summary Sheet

Name of the Activity:

- 1. Train the Teacher(T3) program conducted by IBM for Capacity building of faculties to handle Cyber security courses**

Name of the Collaborating Agency: IBM, India

Number of Activities under this MoU: 2

Year of the Activity: 2020

Duration of Activity: 24.2.2020-26.2.2020

Duration of MoU: 02-03-2020 To 01-03-2024

No. of Students Participated: 0

No. of Faculty Participated: 07

Brief description about the activity: The activity is done to provide teachers, teacher educators and education practitioners with superior knowledge necessary to protect themselves and train students, Effective security awareness training helps faculties understand proper cyber hygiene, the security risks associated with their actions and to identify cyber attacks they may encounter via email and the web.

Program Schedule:

Day1: Introduction to kali Linux and tools

Day2: Oracle database, Ip tables, password crack, Secure check tool from tripwire

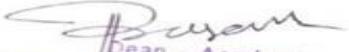
Day3: DB Security- User creation, Privilege, connecting to resource, Change password, Table space creation, Security vulnerability in DB and its measure

List of Participants:

SL NO	Name	Campu s	E-Mail
1	Suvenu Kumar Nayak	BBSR	suvenu@cutm.ac.in
2	Bharat Kumar Padhi	BBSR	bharatkumar.padhi@cutm.ac.in
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7	Dr. Jhum Swain	PKD	jhum.swain@cutm.ac.in

Resource Person:

Anjan Chaterjee, IBM


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2020-21



Activity Report

CUTM in collaboration with Himalaya Wellness company conducted one month In-Plant training for Phytopharmaceutical students of CUTM. This training program is conducted at one of the factories of Himalaya wellness company. This activity is planned as per the MoU between Himalaya and CUTM.

Total Number of Students participated: 5

Duration: 1 Month

Activity: Internship at Himalaya Drugs (Research & Development Division)

M. Devaraj Arj

DEAN
M S Swaminathan School of Agriculture
CUTM, Paratalkhermudi

IFFCO-KISSAN - CUTM IN COLLABORATION

M.S. School of Agriculture, CUTM will serve as a knowledge partner in a Collaborate way to cultivate Turmeric on 100 Acre of land in Kandhamal District of Odisha. CHARM NGO will act as a mobilizing partner. The whole cultivation method will be taken up as a part of Model Smart Farming practices. The harvested product will have complete buy back system considering the Govt. MSP of Turmeric.



M. Devendra Singh

DEAN
M S Swaminathan School of Agriculture
CUTM, Paratatkhemundi



Activity Report

CUTM in collaboration with IIT, Bhubaneswar started the project “COST EFFECTIVE ICT-DATA ANALYTICS SYSTEM FOR EFFICIENT MANAGEMENT OF WATER AND FERTILIZER IN PRECISION AGRICULTURE”.

Application of ICT and data analytics in precision agriculture in the application of inputs to high-value field crops, to maximize water and fertilizer use efficiency and yield without affecting the environment.

Development of a DSS for integration of sensors, GIS-GPS, autonomous vehicles and wireless communication for efficient input management.

Integration of monitoring system containing GPS and sensors and wireless communication for efficient fertigation. The communication system will help the farmer to remotely assess the water and nutrient status in the field.

PA would then be achieved by precise application of inputs at variable rates to deficit parts of the field for increasing WUE, FUE and yield.

This project covers:

- Various crop experiments to be designed and performed in the controlled field and greenhouse conditions in the CUTM campus and in farmers’ fields
- Implementation of different fertilizer treatments and irrigation treatments during the crop growth period, and using crop growth model to develop strategies for effective management of inputs
- Using hyperspectral imagery for crop monitoring and real-time crop health status, and extract level of plant stress. Further, a decision support system (DSS) will be designed to effectively execute automated precision cultivation system in small and medium farms.
- The DSS will be calibrated and validated using monitored data in the test beds (existing and to be developed) as well as farmers’ fields

- Deployment and testing of the developed technology consisting of vehicle mounted ICT-based system and DSS, for automated precision farming.

Year of enrolment -2019

Duration of Activity – Three year

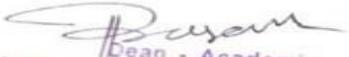
Number of Faculty – 1

Type of the Activity – Research Project

Agency – IIT, Bhubaneswar

Project Details:

- Date of sanction: 31-12-2019
- Duration and date of completion: 3 years; 30-12-2022
- Total cost of the project: 8366220


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Activity Report

CUTM in collaboration with Nisarga Biotech Pvt. Ltd conducted one month In-Plant training for Phytopharmaceutical students of CUTM. This training program is conducted at one of the factories of Nisarga Biotech company. This activity is planned as per the MoU between Nisarga and CUTM.

Total Number of Students participated: 2

Duration: 1 Month

Activity: Internship at Nisarga Biotech Pvt. Ltd

M. Devendra Rao

DEAN
M S Swaminathan School of Agriculture
CUTM, Paratikhemundi



Activity Report

Agency Name: NTNU

Academic Year: 2019-20

Total Number of Activities in this academic year: 1

Name of the Activity: Academic Course Curriculum Preparation

Name of the Students:

Two students Ashok Kumar Sindri and Prabhat kumar Tripathy went for the exchange program at NTNU in January 2020.

The course developed in partnership with NTNU now works for two groups of students: first and second year.

It was also noted that the courses jointly designed by the two Universities were being offered as per the curriculum. Faculty from both the Bhubaneswar and Parlakhemundi campuses were involved in teaching the courses which had a good mix of classroom and field oriented sessions (the courses are listed in a separate file).

Second year students: A meeting was held with the 2 students of MDM (Ashok Kumar Sindri and Prabhat Kumar Tripathy) who would be going to NTNU for one semester (Spring) as part of the collaborative programme.

They gave a profile of the University outlining the different disciplines that are offered at NTNU, general idea about the different campuses, the number students at different levels of the University, organisational structure and location of different campuses. He also gave a brief idea about the city of Trondheim and the Dragvoll campus where the students from CUTM will be located.

In Spring 2020 in which the students from CUTM have been enrolled extends over approximately 6 months in which 6 Jan – 20 April 2020 is teaching and 4 May – 6 June 2020 is the examination period.

The students will undertake 3 courses – 1) Globalisation and Sustainable Development in the South
2) Innovation and Regional Development, 3) GIS Tools for Climate Change Studies.


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Activity Report

CUTM in collaboration with Mednutra Pvt. Ltd. conducted a programme and online certificate courses under Nutrifly India Programme. The motto of this programme is to facilitate empowering responsible nutrition business by way of market access and commercialization, product development, consultancy and investment into startup ventures in nutraceuticals by leveraging industry network.

Total 44 students of CUTM participated in the Nutrifly India programme and successfully completed the certificate program on “New Product Development and commercialization in industry”. All the students are awarded with certificates after completion of the program.

Total Number of Students : 44

Duration: 1 month

Mode: Online mode

M. Srinivasan
DEAN
M S Swaminathan School of Agriculture
CUTM, Paratathemundi



Activity Report

Tirupati Graphene and Mintech Research Centre in collaboration with CUTM is providing One year Academic Research Training to Dr. Tapan Dash(HOD Physics, SoAS, CUTM) at TGMR Centre in Bhubaneswar.

Agency Name: Tirupati Graphene and Mintech Research Centre

Academic Year: 2021

Total Number of Activities in this academic year: 1

Name of the Faculty: Dr. Tapan Dash

Academic Research Training for one year at TGMRC R&D center

TGMRC, Bhubaneswar is a new budding R&D organization of international level under the flagship company of **Tirupati Speciality Graphite Pvt. Ltd** Mumbai under the Principal Promoter Company of **Tirupati Graphite PLC, London**. Tirupati Graphite PLC is a fully integrated specialist graphite and graphene producer, with operations in Madagascar, Mozambique and India. The resources and operations are going on at multi-locations of globes in setting up state of art facilities to make tailor made products for conventional and new applications, developing technologies and expertise to design, engineering, research and development and with special emphasis for application of graphene in Green Energy and Green Storage, Composites, etc., securing the world's needs of this critical and wonderful material and maximising values for all connected. Vision of the company is to be global leader to provide one stop solution from minerals to materials for an example from graphite to graphene. TG is producing Madagascar flake graphite and developing integrated downstream processing facilities in India. The graphite beneficiation plant is fully automated to produce final concentrate from raw material using state of art technology developed in in-house R&D and maintaining the consistency of quality of product. The quality of concentrate is checked by international reputed

institutions for materials and metallurgical applications. The company is conscious of its social and environmental responsibilities.

TGMRC shall be integrated R&D Centre for Mineral & Material Technology. It has the vision to create “One Stop Shop” with scientific capabilities in wide spectrum areas of mineral processing, metal extraction, and making mineral and metal-based products, related equipment development and waste utilization with special emphasis on conservation and sustainable utilization of natural mineral resources. It has created the state of art facilities of instruments and equipment to carry out world class research engaging high quality researchers to provide the technological package starting from development of the process/product till the commissioning the project for the mineral-based industries. The Institute is capable to transfer the technology and give door-step solution on the concept of “**Lab to Land**”. Cost effective utilization on the concept of “**waste to wealth**” shall be the simultaneous focus area and thus also achieving the goal of minimizing environment impact in mineral-based industries. **TGMRC** will work as “**Economic Booster**” to mineral-based industries through R&D backup to maximise production, minimise the cost of production and minimize waste by proper ways and means, starting from optimal use feedstock materials to finished goods and provide expertise for solutions during on-line production problem, if any.


Dean - Academic
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Activity Report

School of Paramedics and Allied Health Sciences in collaboration with Apollo Hospitals trained the students in Clinical Teaching cum Training. As a collaborative activity 26 students of SoPAHS for 6 months are sent to Apollo Hospitals, Bhubaneswar for clinical teaching and internship training program. This activity is mainly focusing on Building institutional collaboration towards clinical teaching, practical training, and placement of SoPAHS Students. The responsibilities of the students during the training programme is prepared by both CUTM and Apollo Hospitals. Apollo hospital has the liberty selected trainees in its payroll based on the performance and evaluation as well as on completion of the course.

Year of enrolment -2021

Duration of Training – 6 months

Number of the Students – 26

Type of the Activity – Clinical Teaching

Agency – Apollo Hospitals, Bhubaneswar


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SoPAHS
CUTM, Odisha



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Activity Report

CUTM in collaboration with Botanica Health care Pvt. Ltd conducted one month In-Plant training for Phytopharmaceutical students of CUTM. This training program is conducted at one of the factories of Himalaya wellness company. This activity is planned as per the MoU between Himalaya and CUTM.

Total Number of Students participated: 5

Duration: 1 Month

Activity: Internship at Botanica Health Care Pvt. Ltd

M. Devendra Singh

DEAN
M S Swaminathan School of Agriculture
CUTM, Paratalkhemundi

CSA – CUTM IN COLLABORATION

Centre for Sustainable Agriculture works scientifically on developing Sustainable Agriculture practices to support the Farming Community. It works across Andhra Pradesh & other states too. During 2019, Centurion University signed MoU to work on Sustainable Agriculture course curriculum developed with our eminent faculties of School of Agriculture. Also students visit and internship program at their centre. Later in a process of developing course curriculum, we have developed and started a domain course named as Organic Farming.

Domain Track: Organic Farming

Teacher
Dr.Saurav Barman

Category
Domain Courses

- Description
- Teachers
- Attendees
- Reviews

Domain Track Title : Organic Farming

Track Total Credits (T-P-P): 3-15-11 (29 credits)

Courses Division:

Track courses: 09 credits

- 1. Organic Farming. (1-2-0)**
2. Certification and Inspection Systems in Organic Farming in India. (1-2-0)
3. Biopesticides and Biofertilizers. (1-2-0)

Practice Courses: 09 credits

1. Organic Production- Field Crops. (0-3-0)
2. Organic Production- Horticultural Crops. (0-3-0)
3. Biofertilizer and Biopesticide Production Technology. (0-3-0)

AELP Linked with Domain: 11 credits

Domain Track Objectives:

1. Traditional
2. Innovative
3. Scientific

Domain Track Learning Outcomes:

1. Skilled Practitioner
2. Expert/ Consultancy
3. Agri.-Entrepreneur

Domain Syllabus:

Track courses:

- 1. Organic Farming. (1-2-0)**

Theory:

Module 1.1: Organic Farming: Principles, Developing Organic farm, Conversion of Soil to Organic.

Module 1.2: Soil Cultivation and Tillage: Creating good growing conditions, Minimum disturbance, Soil compaction, and Types of Soil Cultivation.

Module 1.3: Crop Planning and Management: Crop rotation, Intercropping, Cover crops, Crop- Animal association, Designing cropping systems.

Module 1.4: Mulching: Selection of Mulch materials, Source of Mulching materials, Recommendation while using Mulches, Application of Mulch.

Module 1.5: Organically Manage: Live fencing, Water, Nutrient, Weed, Pest and Disease.

Module 1.6: Plant Propagation: Criteria for Seed evaluation, characterization and multiplication, Importance of Traditional Varieties, Seed conservation and its Certification.

Module 1.7: Animal Husbandry: Animal Housing, Animal Feeding, Animal Health, Breeding Goals.

Module 1.8: Introduction of Forest Trees: Azadirachta indica, Pongamia pinnata, Tamarindus indica, Sesbania grandiflora, Dalbergia latifolia, Terminalia chebula etc.

Module 1.9: ITKs of Gajapati: Collection, Study and Implementation.

Module 1.10: Other forms of Organic Management: Biodynamic Agriculture, Rishi Krishi, Natural Farming, Panchgavya Krishi, Natueco Farming. Homa Farming and EM-Technology.

Practical:

Practical 1.1: Preparation of Enrich Compost.

Practical 1.2: Preparation of Vermicompost.

Practical 1.3: Preparation of Green manures, Liquid manures, Panchgavya, Biodynamic and NADEP.

Practical 1.4: Preparation of different organic Insecticides/ Pesticides.

Practical 1.5: Identification and use of Mulch materials.

Practical 1.6: Water Management

Practical 1.7: Weed Management.

Practical 1.8: Seed Multiplication, conservation and Certification process.

Practical 1.9: Practical on Animal Husbandry.

Practical 1.10: Collection of ITKs.

Practical 1.11: Practical on Conversion of Soil to Organic

2. Certification and Inspection Systems in Organic Farming in India. (1-2-0)

Theory:

Module 2.1: Organic Certification: The Certification Process, Certification and Product Labelling, Certification around the World.

Module 2.2: Regulatory Mechanism for Organic Certification in India: Scope and Operational Structure of National Programme for Organic Production.

Module 2.3: National Standards for Organic Production: Conversion requirements, Maintenance of Organic Management, Crop Production, Animal Husbandry, Food Processing and Handling, Labelling, Storage and Transport.

Module 2.4: Inspection and Certification Process:

Inspection and Certification Agency.

Annual Surveillance and Review of Inspection and Certification Agencies.

Inspection and Assignments.

Inspection visit and Reports.

Methods and Frequency.

Analysis and Residue Testing.

Inspection Regime for Part Conversion and Parallel Production. Inspection for use of Genetically Engineered Products.

Inspection and Certification of Grower Group.

Procedure for Implementation of Internal Control System.

Certification Process.

Mandatory checks to be undertaken by the Authorized Inspection and Certification Agency during Inspection.

Practical:

To Visit and Document on

Practical 2.1: Different Organic certification Agencies in Odisha.

Practical 2.2: Hands on learning on Packaging & Labelling.

Practical 2.3: Organic Cold Storage in Odisha.

Practical 2.4: Certified Organic Farmer.

Practical 2.5: Certified Organic Grower group.

Practical 2.6: Food Processing & Handling Unit.

Practical 2.7: Animal Husbandry Unit

3. Biopesticides and Biofertilizers. (1-2-0)

Theory:

Module 3.1: Introduction, status and scope.

Module 3.2: Concepts and classification of biopesticides viz. pathogen, botanical pesticides and biorationales.

Module 3.3: Botanicals and their uses.

Module 3.4: Mass production technology of bio-pesticides Virulence, Pathogenicity and symptoms of entomopathogenic pathogens and nematodes.

Module 3.5: Methods of application of biopesticides. Methods of quality control and Techniques of biopesticides. Impediments and limitation in production and use of biopesticide..

Module 3.6: Introduction, status and scope.

Module 3.7: Structure and characteristic features of bacterial biofertilizers- Azospirillum, Azotobacter, Bacillus, Pseudomonas, Rhizobium and Frankia.

Module 3.8: Cynobacterialbiofertilizers: Anabaena, Nostoc and Hapalosiphon.

Module 3.9: Fungal biofertilizers: AM mycorrhiza and ectomycorhiza.

Module 3.10: Nitrogen fixation: Free living and symbiotic nitrogen fixation, process of nodule formation, role of different genes (Nod and Nif), enzymes and Bio chemistry of Nitrogen fixation.

Module 3.11: P-Solubilizer and K-mobilizer: Mechanism of P- solubilization, phosphate mobilization and K solubilisation.

Module 3.12: Production Technology: Strain selection, sterilization, growth and fermentation, mass production of carrier based, liquid biofertilizers and EM.

Module 3.13: FCO specifications and quality control of biofertilizers.

Module 3.14: Application: Soil, Seeds, Seedlings and Tubers etc.

Module 3.15: Biofertilizers: Factors influencing the efficacy of biofertilizers, Storage, Shelf life, Quality control, Certification and marketing.

Practical:

Practical 3.1: Hands-on Training on Laboratory Equipments

Practical 3.2: Isolation and purification of Azospirillum.

Practical 3.3: Isolation and Purification of Azotobacter.

Practical 3.4: Isolation and Purification of Rhizobium.

Practical 3.5: Isolation and Purification of P-solubilizers.

Practical 3.6: Isolation and Purification of cyanobacteria.

Practical 3.7: Isolation of AM fungi by Wet sieving method.

Practical 3.8: Isolation and Purification by sucrose gradient method.

Practical 3.9: Isolation and purification of Trichoderma.

Practical 3.10: Isolation and purification of Pseudomonas.

Practical 3.11: Isolation and purification of Bacillus.

Practical 3.12: Isolation and purification of Metarhizium.

Practical 3.13: Layout of Bio fertilizer Laboratory.

Practical 3.14: Layout of Bio pesticide Laboratory.

Practical 3.15: Market Survey and Marketing.

Practice courses:

1. Organic Production- Field Crops. (0-3-0)

Practice:

Practice 1.1: Components: Organic farm.

Practice 1.2: Implement: Conversion of Soil to Organic.

Practice 1.3: Seed: Multiplication of Adopted and Resistant Varieties, Conservation and Certification.

Practice 1.4: Water Management: Reduce evaporation, Increasing Infiltration, Planting Pits, Contour bunds, Catchment strips, Drip irrigation systems and Water Storage.

Practice 1.5: Organic Nutrient production, Analysis and its Application: Green manures, Liquid manures, Panchgavya, Biodynamic, NADEP and Vermicompost etc.

Practice 1.6: Organic Pesticides production, Analysis and its Application: Neemashta, Agniashastra, Brahmashastra, Jeevamrutam and Neem Oil etc.

Practice 1.7: Weed Management.

Practice 1.8: Harvest and Post-Harvest Management.

Practice 1.9: Formulating Good Agricultural Practice (GAP).

Practice 1.10: Field trials of ITK's to assess their effectiveness (Gajapati context).

Practice 1.11: Hazard analysis and Critical Control Point. Documentation for certification.

Practice 1.12: Visit to Organic farm/field.

2. Organic Production- Horticultural Crops. (0-3-0)

Practice:

Practice 2.1: Field Preparation.

Practice 2.2: Selection of Adopted and Resistant Varieties.

Practice 2.3: Seed Treatment.

Practice 2.4: Raising of Seedling and Nursery Management.

Practice 2.5: Mulching.

Practice 2.6: Identification and Use: Natural Plant Growth Regulators and Micronutrients.

Practice 2.7: Management: Water, Nutrient, Weed, Pest and Disease

Practice 2.8: Harvest and Post-Harvest Management.

Practice 2.9: Visit to Organic fields and marketing centers.

3. Biofertilizer and Biopesticide Production Technology. (0-3-0)

Practice:

Practice 3.1: Isolation and purification of important biopesticides.

Practice 3.2: Mass multiplication of Trichoderma Pseudomonas, Bacillus, Metarhizium etc. and its production.

Practice 3.3: Identification of important botanicals.

Practice 3.4: Field visit to explore naturally infected cadavers.

Practice 3.5: Identification of entomopathogenic entities in field condition.

Practice 3.6: Quality control of biopesticides.

Practice 3.7: Visit to biopesticide laboratory in nearby area.

Practice 3.8: Isolation and purification of Azospirillum, Azotobacter, Rhizobium, P-solubilizers and cyanobacteria.

Practice 3.9: Mass multiplication and inoculums production of biofertilizers.

Practice 3.10: Isolation of AM fungi by Wet sieving method and sucrose gradient method.

Practice 3.11: Mass production of AM inoculants

AELP Linked with Domain (0-0-11).

1. Scaling Production and Marketing
2. Field Trials (Gajapati context)
3. Project Based Learning
4. Publication

Track courses:

1. Organic Farming (1-2-0): Theory and Practical: Session Plan

Session 1.1: Organic Farming: Principles, Developing Organic farm, Conversion of Soil to Organic.

Practical 1: Practical on Conversion of Soil to Organic.

Organic Farming Module-1

Video- Principles

Session 2: Soil Cultivation and Tillage: Creating good growing conditions, Minimum disturbance and Soil compaction and Types of Soil Cultivation.

Practical 1.2: Ploughing with Country plough, field level understanding of Physical nature of Soil for Crop growth.

Organic Farming Module-2

Document- Tillage

Video- Soil Compaction

Land Preparation 1

Land Preparation 2

Ploughing

Session 1.3: Crop Planning and Management: Crop rotation, Intercropping, Cover crops, Crop- Animal association, designing cropping systems.

Practical 3: Raising of Crops with different Cropping systems.

Organic Farming Module-3

Video- Crop rotation 1

pdf- Crop rotation 2

pdf- Cropping System

Video- Multiple Cropping 1

Video- Multiple Cropping 2

Document- Crop Rotation 3

Session 1.4: Mulching: Selection of Mulch materials, Source of Mulching materials, Recommendation while using Mulches, Application of Mulch.

Practical 4: Identification and use of Mulch materials.

Organic Farming Module-4

Session 1.5: Organically Manage: Live fencing and Water, Nutrient, Weed, Pest and Disease.

Practical 5: Identification and Multiplication of Live fencing Plants, Preparation of Enrich Compost, Vermicompost, organic Insecticides/ Pesticides.

Organic Farming Module-5

Video- Weed

Video- Nutrient Management

Video - Integrated Nutrient Management

Video- Pest Management

Visit site for Manure study materials (Wageningen University)

Video- Live Fence

Video- Live Fence 2

Video-Water management 1

Video-Water management 2

Session 1.6: Plant Propagation: Criteria for Seed evaluation and characterization.

Importance and Multiplication of Traditional Varieties, Seed conservation and its Certification

Practical 6: Seed Multiplication, conservation and Certification process.

Organic Farming Module-6

Visit Seed Center of Wageningen University

Session 1.7: Animal Husbandry: Animal Housing, Animal Feeding, Animal Health, Breeding Goals.

Practical 7: Designing Animal Shed, Organic Feed Formulation, Visit to Animal Husbandary Farm.

Organic Farming Module-7

Session 1.8: Introduction of Forest Trees: Azdirachtaindica, Pongamiapinnata, Tamarindusindica, Sesbaniagrandiflora, Dalbergialatifolia, Terminaliachebula etc.

Practical 8: Identification and Multiplication of Forest Trees

Organic Farming Module-8

Session 1.9: ITKs of Gajapati: Collection, Study and Implementation.

Practical 9: Collection of ITKs.

Organic Farming Module-9

Session 1.10: Other forms of Organic Management: Biodynamic Agriculture, Rishi Krishi and Natural Farming, PanchgavyaKrishi, Natueco Farming. Homa Farming and EM-Technology.

Practical 10: Preparation of Green manures, Liquid manures, Panchgavya, Biodynamic and NADEP

Organic Farming Module-10

2. Certification and Inspection Systems in Organic Farming in India (1-2-0): Theory and Practical: Session Plan

Session 2.1: Organic Certification: The Certification Process.Certification and Product Labelling, Certification around the World.

Practical 1: To visit and document different Organic certification Agencies in Odisha.

certification Module-1

Session 2.2: Regulatory Mechanism for Organic Certification in India: Scope and Operational Structure of National Programme for Organic Production.

Practical 2: Hands on learning on Packaging & Labelling.

certification Module-2

Session 2.3: National Standards for Organic Production: Conversion requirements and Maintenance of Organic Management.

Practical 3: Visit to Certified Organic Farmer for doumentation.

certification Module-3

Session 2.4: National Standards for Organic Production: Crop Production.

Practical 4: Visit and document to Certified Organic Grower group

certification Module-3

Session 2.5: National Standards for Organic Production: Animal Husbandry.

Practical 5: To visit and document in Animal Husbandry Unit.

certification Module-3

Session 2.6: National Standards for Organic Production: Food Processing and Handling.

Practical 6: To visit and document in Food Processing & Handling Unit.

certification Module-3

Session 2.7: National Standards for Organic Production: Labelling, Storage and Transport.

Practical 6: To visit and document Organic Cold Storage in Odisha.

certification Module-3

Session 2.8: Inspection and Certification Process: Inspection and Certification Agency, Annual Surveillance and Review of Inspection and Certification Agencies.

Practical 7: To document and understand the compliance standards.

certification Module-4

Session 2.9: Inspection and Certification Process: Inspection and Assignments, Inspection visit and Reports, Methods and Frequency.

Practical 8: To document and understand the compliance standards.

certification Module-4

Session 2.10: Inspection and Certification Process: Analysis and Residue Testing, Inspection Regime for Part Conversion and Parallel Production.

Practical 9: To document and understand the compliance standards.

certification Module-4

Session 10: Inspection and Certification Process: Inspection for use of Genetically Engineered Products, Inspection and Certification of Grower Groups.

Practical 10: To document and understand the compliance standards.

certification Module-4

3. Biopesticides and Biofertilizers (1-2-0): Theory and Practical: Session Plan

Session 3.1: Introduction, status and scope. Concepts and classification of biopesticides

Practical 1: Hands on Training on laboratory equipment and Layout of Biopesticides laboratory.

Video

PDF1.

Session 3.2: Pathogen, Botanical pesticides. biorationales. Botanicals and their uses.

Practical 2: Identification of some important botanicals.

Video

PDF2.

Session 3.3: Mass production technology of bio-pesticides.

Practical 3: Process involved in the Production of Biopesticides.

Video

PDF3.

Session 3.4: Virulence, Pathogenicity and symptoms of entomopathogenic pathogens and nematodes.

Practical: Identification of Pathogens and nematodes used as bio pesticides.

Video

PDF4.

Session 3.5: Methods of application of biopesticides. Methods of quality control and Techniques of biopesticides. Impediments and limitation in production and use of biopesticide.

Practical 5: Methods of application of biopesticides.

Video

PDF5.

Session 3.6: Biofertilizer- Introduction, status and scope.

Practical 6: Hands on Training on Laboratory Equipments and Layout of Biofertilizer Laboratory.

Video

Introduction and Structure of Biofertilizers

Session 3.7: Structure and characteristic features of bacterial biofertilizers-

Azospirillum, Azotobacter, Bacillus, Pseudomonas, Rhizobium and Frankia;

Cynobacterialbiofertilizers: Anabaena, Nostoc and Hapalosiphon. Fungal biofertilizers:

AM mycorrhiza and ectomycorhiza.

Practical 7: Isolation and Purification of Azospirillum, Azotobacter, Bacillus, Pseudomonas, Rhizobium and Frankia; Cynobacterialbiofertilizers: Anabaena, Nostoc and Hapalosiphon. Fungal biofertilizers: AM mycorrhiza and ectomycorhiza.

Video

Video

Video

Video

Video

Write up on Practical

Introduction and Structure of Biofertilizers

Structure of Biofertilizers

Session 3.8: Nitrogen fixation: Free living and symbiotic nitrogen fixation, Process of Nodule formation, Role of different Genes (Nod and Nif), Enzymes and Biochemistry of Nitrogen Fixation.

Practical 8:

Video

Write up on Practical

Nitrogen Fixation

Session 3.9: P- solubilizer and K- mobilizer: Mechanism of phosphate solubilization, phosphate mobilization and K solubilization.

Practical 9: Isolation and Purification of P- solubilizers and K- mobilizers.

Video

Write up on Practical

P and K Solubilizers

Session 3.10: Production Technology: Strain selection, sterilization, growth and fermentation, mass production of carrier based, liquid biofertilizers and EM. FCO specifications and quality control of biofertilizers. Soil, Seeds, Seedlings and Tubers etc. Factors influencing the efficacy of biofertilizers, Storage, Shelf life, Quality control, Certification and marketing.

Practical 10: Mass Production, Market Survey and Marketing of Biofertilizers.

Video

Video

Video

Video

Video

Write up on Practical

Mass Biofertilizers Production

Practice courses:

1. Organic Production- Field Crops (0-3-0): Practice: Session Plan

Practice 1.1: Components: Organic farm, Conversion of Soil to Organic.

Practice 1.2: Seed: Multiplication of Adopted and Resistant Varieties, Conservation and Certification.

Practice 1.3: Water Management: Reduce evaporation, Increasing Infiltration, Planting Pits, Contour bunds, Catchment strips, Drip irrigation systems and Water Storage.

Practice 1.4: Organic Nutrient production, Analysis and its Application: Green manures, Liquid manures, Panchgavya, Biodynamic, NADEP and Vermicompost etc.

Practice 1.5: Organic Pesticides production, Analysis and its Application: Neemashttra, Agniashtra, Brahmashtra, Jeevamrutam and Neem Oil etc.

Practice 1.6: Application of different methods to Manage Weeds.

Practice 1.7: Harvest and Post-Harvest Management.

Practice 1.8: Formulating Good Agricultural Practice (GAP).

Practice 1.9: Field trials of ITK's to assess their effectiveness (Gajapati context).

Practice 1.10: Hazard analysis and Critical Control Point. Documentation for certification.

2. Organic Production: Horticultural Crops (0-3-0): Practice: Session Plan

Practice 2.1: Field Preparation.

Practice 2.2: Selection of Adopted and Resistant Varieties.

Session 2.3: Seed Treatment.

Practice 2.4: Raising of Seedling and Nursery Management.

Practice 2.5: Mulching

Practice 2.6: Identification and Use: Natural Plant Growth Regulators and Micronutrients.

Practice 2.7: Management: Water, Nutrient, Weed, Pest and Disease

Practice 2.8: Harvest and Post-Harvest Management.

Practice 2.9: Visit to Organic fields and marketing centers.

3. Biofertilizer and Biopesticide Production Technology (0-3-0): Practice: Session Plan

Practice 3.1: Isolation and Purification of important Biopesticides.

Practice 3.2: Mass multiplication of Trichoderma Pseudomonas, Bacillus, Metarhizium etc. and its production.

<https://youtu.be/rwaFKXFUVdo>

Practice 3.3: Identification of important Botanicals.

<https://youtu.be/mhBVwMVoG3s>

Practice 3.4: Isolation and purification of Azospirillum, Azotobacter, Rhizobium, P-solubilizers and cyanobacteria.

Video

Video 2

Video 3

Video 4

Practice 3.5: Mass multiplication and inoculums production of biofertilizers.

Video

Practice 3.6: Isolation of AM fungi by Wet sieving method and sucrose gradient method.

Video

Practice 3.7: Mass production of AM inoculants.

Video

Practice 3.8: Field visit to explore naturally infected cadavers.

Practice 3.9: Identification of entomopathogenic entities in field condition.

<https://youtu.be/CnylR4reS74>

Practice 3.10: Visit to biopesticide laboratory in nearby area.

A. List of Projects/ Case Studies to be taken up under Organic Farming Domain:

1. Farmers Market
2. Biofertilizer Production in Odisha and Andhra Pradesh.
3. FPOs
4. ITKs
5. Organic Grower in Odisha and Andhra Pradesh.

B. Scaling Production:

1. Higher Production.
2. Awareness Program.
3. Marketing

C. Field Trials (Gajapati Context):

1. Application.
2. Generates Results.
3. Publications.
4. Supports Awareness and Mobilization.



DEAN
M S Swaminathan School of Agriculture
CUTM, Paratatherrundi



Activity Report

CUTM in Collaboration with CIFA has provided Reserach Exposure visit and Research Internship for students and faculty of School of Fisharies.

Agency Name: CIFA

Academic Year: 2021-22

Total Number of Activities in this academic year: 1

Name of the Activity: Research exposure visit and Research Internship

Activities under this collaboration :

Year 2019:

1. 14 BFSc students (2nd Year) visited ICAR-CIFA to learn about various technological advances in the field of freshwater aquaculture
2. Ms.Nandini Padhi,Assistant professor SOF was nominated for attending NFDB Sponsored Training of Trainers Training Programme on "Recent Advances in Fish Nutrition and Feed Technology from 02-06 November 2019 at ICAR-CIFA
3. Efficacy of certain chemicals against leech, *Glossiphonia complanata* (L) on freshwater pearl mussel *Lamellidens marginalis* (L) paper published 2021
5. Dr.J.K.Sundaray was invited as external for Board of Studies for syllabus revision Year 2022

6. Dr.J.K.Sundaray actively participated in providing a proposal for management of small reservoir of gajapati along with centurion university



Individual Activity Summary Sheet

Name of the Collaborating Agency: **Orissa Space Application Centre (ORSAC)**

Name of the Activity:

1. Internship / Dissertation / Career Exposure to M. Sc. Geoinformatics and B. Tech Civil Engineering students in the field of Hi-Tech surveying and geospatial technology

Year of the Activity: 2022

Duration of Activity: 120 days -Internship

Brief description about the activity: The department of Civil Engineering has been collaborated with Orissa Space Application Centre (ORSAC) for Internship / Dissertation / Career exposure to M. Sc. Geoinformatics and B. Tech Civil Engineering students. Next academic session onwards the students will start their Internship and dissertation in the ORSAC.





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Activity Summary Sheet

Name of the Collaborating Agency: Dassault Systèmes (Living Heritage)

Duration of Competition: 01.07.2021 to 15.12.2021 (5 Month)

Name of the Activity:

1. Decide of project for the competition.
2. Site visit (Reference Photos, Videos, Dimensions).
3. Gathering of license, resource persons (Dassault Systèmes & College).
4. Design and develop of the product.
5. Submitting of the project.

Number of Activities under this Competition: 1

Year of the Activity: 2021

Duration of Activity: 120 days - Competition

No. of Students Participated: 5

No. of Faculty Participated: 3

Brief description about the activity: The project is based on reconstructing UNESCO World Heritage sites as 3D models, where 6 teams from all around the world gave new life to iconic places and masterpieces that have shaped human history. We being one of the team, consisting of 5 students - Dibyajyoti Nayak, A Shiba Reddy, Shireen Hossain, Rohan Ruidas and Jatin Krishna Vallangi as well as 3 mentors - N Laxmidhar Reddy, Lipsa Patra and Avinash Kumar Singh, representing India, were involved in reconstructing the Konark Sun Temple situated in Odisha, India in the 3D Experience Platform.

The project focuses on improving the future by using our knowledge and know - how to rediscover and learn from our shared past by creating 3D virtual experiences of ancient cites.


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Centurion University of Technology & Management
Bhubaneswar, Khurda - Odisha - 751005



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Activity Report

CUTM in collaboration with Eye Q vision, Bhubaneswar offering clinical teaching and internship training programmes. Two students of SoPAHS are sent to Eye Q vision for one year, Bhubaneswar for clinical teaching and internship training program. This activity is mainly focusing on Building institutional collaboration towards clinical teaching, practical training, faculty development internship training and placement of Students.

Year of enrolment -2021

Duration of Training – One year

Number of the Students – 2

Type of the Activity – Clinical Teaching

Agency – Eye Q vision, Bhubaneswar


DEAN
SoPAHS
CUTM Odisha

Individual Activity Summary Sheet

Name of the Collaborating Agency: **Hexaware Technologies**

Duration of MoU: 25.02.2022 to 24.02.2023

Name of the Activity:

1. HEXAWARE - SEGUE CAMPUS CONNECT PROGRAM
2. Campus Recruitment of Students under Segue Program and CoE Program to be initiated after student's final selection in 3rd Yr.
3. Campus Engagement Framework:
 - a) Tech Evangelization: (1) Mentoring Sessions (2) Technology Sessions.
 - b) Foundation Program: (1) Softskills (2) Basic Tech Skills
 - c) CoE Program: (1) Tech Specializations (2) Tech Certifications
 - d) ODC Program : (1) Internship (2) Projects (3) Tech Summits/ Visits.

Number of Activities under this MoU: 1

Year of the Activity: 2022

Duration of Activity: 1 year

No. of Students Participated: 18

No. of Faculty Participated: 3

Brief description about the activity: (Enclosed PPT & MoU for Reference)

Hexaware Segue Campus Engagement Framework

- a) Tech Evangelization: (1) Mentoring Sessions (2) Technology Sessions.
- b) Foundation Program: (1) Softskills (2) Basic Tech Skills
- c) CoE Program: (1) Tech Specializations (2) Tech Certifications
- d) ODC Program : (1) Internship (2) Projects (3) Tech Summits/ Visits.


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Activity Report

Agency Name: NTNU

Academic Year: 2021-22

Total Number of Activities in this academic year: 2

Name of the Activity: Student Internship for Academic development

Name of the Students:

From Nov 2021 to Feb 2022

SL.No.	Name of the Intern	Registration Number	Programme
1	Jugal Jena	200202180028	DiaFit Rice Marketing & Promotion Internship
2	Dheeravath Saikiran Naik	200202140003	BREDS Internship promotion of FPOs
3	Rupam Pratikshya Benya	200202140004	UMBC Internship
4	Purrubonu Guna Sekhar Sai	200202140002	BREDS internship promotion of FPO
5	Isboseb Bhuyan	180202110001	BREDS Internship (ADS, Gumma)
6	Pragnya Pramita Mishra	190202140003	Mini Dairy Unit Internship
7	Shibani Pradhan	190202140004	UMBC Internship
8	Sonali Panda	190202140007	Mushroom Unit

From March 2022 to June 2022

Sl.No	NAME OF THE CANDIDATE	PRODUCT
1	DAKEY SUMAN	MILLETS AND PULSES FPO
2	SANAPALA SHIVA KUMAR	MANGO FPO
3	GIRI HEMANTH KUMAR	SUGARCANE FPO
4	VELIVELA DOLA JNANA RASAGNA	MAIZE FPO
5	SAMANTHULA LAKSHMI DURGA	PADDY, VEGETABLES FPO
6	THOTAKURA SAIRAMARAJU	COCONUT FPO
7	DAMMA DEEKSHITA	PULSES FPO
8	SONALI PANDA	INCENSE STICKS SHG
9	PRAGNYA PRAMITA MISHRA	BAKERY



Meeting with farmers and NABARD officials and the key agenda of the meeting is to increase the awareness on FPC activities and the member roles and responsibilities in the producer company



Mango jelly preparation unit in Nellimarla Farmers Producer Organization.



Preparation of Incense sticks (agarbattis)

Meeting with women dairy farmers



Meeting with UTFORSK project leads and Farmers



Mobilization meetings with farmers



Share capital collection meeting



Data collection from Agriculture officer



Mobilization meeting with farmers



Meeting with NABARD DDM District Development Manager

Manoj
DEAN
SOM
CUTM, Odisha

Activity Report

CUTM in collaboration with ORMAS conducted Training of Trainers (ToT) program for SMO trade. Two batches total of 50 SMO trade personnel are trained under ToT program in CUTM campus. CUTM is one of the SRO for ORMAS for conducting training programs on ToT, Training of State and Center Heads, Team Members, Mobilizers, Training of State PRI members.

Some Glimpses of the Activity:







Yashika
DEAN
SoS
CUTM Oosth

TIME TABLE OF RDWU SKILL COURSE(2019)

DAY	8.30 AM-10.30 AM	2.30 PM - 4.30 PM
MON	DT	Tally
TUE	Animation	Fashion
WED	R & H	Animation
THUR	DT/ R&H	Fashion
FRI	MLT/ H &T	Tally
SAT	Fashion	MLT/ H &T

List of Resource Person

Sl. No.	Course	Resource Person
1	Medical Laboratory Technician(MLT)	Prof.PreethaBhadra
2	Animation/Unity Gaming(Animation)	Mr. AbhiMitra Mr. Sibil
3	Digital Technology(DT)	Prof.Swarnprabha Jena Prof.Subrat Kumar Pradhan
4	Computer Accounting & Tally- Basics(Tally)	Prof.Surya Kumar Pradhan
5	Certificate Course for Retail and Hospitality Management (R &H)	Mr .Laluprasad
6	Certificate Course for Heritage Tours and Eco Tourism (H & T)	Prof.Atanu Deb
7	Fashion Design & Garment Manufacturing (Fashion)	Prof.Adyasha


 Dean - Academic
 Centurion University of Technology & Management
 Bhubaneswar, Khurda - Odisha 751007



WESTERN SYDNEY UNIVERSITY INDIA STUDY TOUR

3rd September – 7th September 2019



Feedbacks

Denise Kirkpatrick



At the conclusion of the week spent with my colleagues at Centurion University, it's probably time to reflect back on what we've observed and what we've learned. One of the things that really struck me at Centurion was the alignment of every staff member and every student that we've spoken with really understands what the staff of Centurion talk about when they talk about the ecosystems. It's probably one of the few universities where the idea of access to education is at the center of everything what it's done. Whether its bringing people in from the community and creating learning opportunities for them through some fantastic opportunities for students in the undergraduate degree to really apply their learning to real life situations, working on field trips, but working on real projects and they are not just real projects that have a meaning but they projects that make a difference. Moreover, I think one of the challenges is always going to be how to take that further. I think there is some fantastic examples that we've seen around the entrepreneurship of students, students creating their own startups and getting their ideas off the ground and into the market. However, I think it's also a challenge to look out how some of the projects students are working on can actually be taken out and split further. So, a lot is being done in their area but I think it's an area that we would always want to grow. One of the things as well that really struck me again in our conversations with staff is the strong links to industry the fact that so many staff have chosen to come to centurion to work at centurion because of their commitment to the mission and aspirations of making a difference bringing about change in small and large ways. But, it's really unusual in my experience to have conversations with particularly staff in universities and colleges who don't come from the education background, but in this case, who really understand education. I've never heard so many people talk so eloquently but in a really meaningful way about the best way for students to learn and the way that students can be highly engaged, learn, and apply their learning in ways again that really make a difference. Lots of people with backgrounds in education don't have their same sophisticated conceptualization of learning and it's truly impressive to see how wide spread it is across all levels of the work that Centurion does. So, our major purpose of our visit to Centurion was not only getting to know Centurion University better and understanding some of the work that they are doing at the University, but to identify some areas that we can collaborate on. And I know that my colleagues from the team would have been talking about some of their own personal interests and some of their personal ideas for collaborative projects. A couple of things that I am really excited about are the opportunities that we've been talking about to bring staff from Western Sydney back to Centurion to work with staff at Centurion on things such as Research Supervisor Training Program to look at what we might do to assist staffing developing better understanding and deepening their experience in the theory of learning but ways of really applying and evaluating the learning that goes on at Centurion. Staff Professional Development is really important and particularly they have to

keep up pace with curriculum changes and to make sure that everything Centurion does is really at the forefront of education and of education practice. Right now, it's probably a world leader in terms of the way that it works but we would like to work with centurion to make sure that we stay and we stay at the front of good teaching, good pedagogy, and connection to our communities. I think Western Sydney and Centurion have got so much in common in terms of our commitment to our communities and the ways that we want to work to make a difference. And I think that in the future, we will be doing a lot more sharing of our ideas around how we can each learn from each other about changing communities and bringing about social good in the areas in which we work. An area of collaboration as well, is definitely going to be working together to address the UN Sustainability development goals and participating effectively in the Times Higher Ranking scheme for that. We have so many exciting ideas for collaboration going forward, this has been a fabulous learning experience for my nine colleagues and for me and I would just like to thank everybody at Centurion who has made such a successful trip. So thank you very much.

Marie Justine O' Sullivan



I've had a great last few days of experience with centurion University. I've discovered a whole world of that I didn't realized it existed of a World Integrated Vocational Education and Training Institution that starts as we saw from our visit to the Primary School, right from the beginning of a child's education journey but equally even before that the visit to the Tribal lands knowing that there's a possibility for children to come from those communities and to join into Centurion's possibilities is really something quite amazing to see. So, from my experiences as a Social worker, there's so much potential for engagement with children going through the educational system that can have a really positive impact on their families and the potential of those families to reach their aspirations as well. I think in terms of the most positive experiences I've had, it was mainly around that very clear teaching and learning paradigm that has been offered here, that are so in every single location the mechanics workshops, the small group projects, the Saturday engagements that were described in Centurion at Bhubaneswar.

Sarah Yixia Zhang



Very Nice to have a this chance to visit centurion university and i would like to take this opportunity to express my sentiments to all the staffs for all kind of support for help and to make our space so comfortable and enjoyable. Also, especially thanks to the Vice Chancellor for company for two days which really gave us the chance to explore in details of the whole thing of the university. I am very impressed for hand on learning, the learning from action the learning from your practice which is absolutely fantastic and also very impressed with the whole idea of design and manufacturing and also commercialization & entrepreneurship. This set a good example for my future or careers & curriculum development. I think in future I would like to say more exchange from the staff from student so that we can learn each other better to developed our universities better. As most of our universities are pretty young university we are still developing and we have a very good start, I believe we can work together hands-in-hands and for our better future thank you.

PherozaDaruwalla



I am absolutely delighted to have the opportunity to visit Centurion University. The thing that impressed me most about Centurion is the passion and the shared vision of its staff and students. I have been specially taken by the enthusiasm that I have seen from so many different places and people. I think that Western Sydney University has a wonderful opportunity to collaborate with this wonderful university. I personally am looking forward to introducing some of my students particularly those who are diasporic Indian students settled in Australia to Centurion University and what is being done over here. I believe that a visit from students to Centurion University would increase their knowledge about not only their mother country India but also showcase the beauty that is Odisha. Thank you.

Laurel Jackson



I've been looking forward very much to visiting Centurion University because I've heard particularly about the different approach that the university is taking in engaging and bringing together the community at all levels being able to offer training and development to people in the villages as well as those students at the university. This is something that is very close to my heart, its being the area of my research for quite a long time. The area that I'm most interested in was the Urban Micro Business Centre. And I've been thinking about how we might get together with what UMBC is doing.

Inu Rana



This is my 1st visit to Centurion University and it was a very meaningful visit for me personally because of all the work that Centurion is doing in the region and visiting different initiatives that have been launched by Centurion different schools, visiting SoVET and meeting Amiya Singh was a fantastic experience again. I think there are ways to collaborate there and there is lot of learning we can share among us. I see collaboration amongst student entrepreneurship running joint pitch competition for the students and supporting entrepreneurs. Thank you.

Nichole Georgeou



This is my 1st time in India but my 1st impression of Centurion University were it is a university that's within a community. This university has its roots deeply embedded in the community. Everything it does is linked to a community based outcome. That was my main impression that I will take home with me.

Cheryl Anne Jendrachowski



I came to Centurion University in a different approach like everybody else in a sense like I am from aextra curricular sense rather than academia. My aspect is really looking into student experience and understanding how I can incubate some of the stuff within Western University student and Centurion students hopefully collaborate together. It exceeded my expectations of how students interacted at Centurion University, how well supported they are, the projects that are available and its actually really inspired me.

Priti Krishna



I heard about Centurion University last year when we were here visiting India with my Vice Chancellor who actually came to Centurion University and met with the founder Mr Mishra. I had not heard about the university but when I got the opportunity, I came for the study tour. I was in the middle of my teaching term I said I would very much like to explore after what I heard about the Vice Chancellor's visit here so, I met some with teaching arrangement then I joined here. First of all the warm welcome that we all received here by all of you that was just amazing and heartwarming. A fantastic program, which was so rich heart warming so touching so inspiring and so enjoyable. So when you have experience you know the way I would like to put it is that it's not only an intellectual experience very emotional and heartwarming felt experience that you really want to your sentiments to action after seeing what has been done what is being achieved and what has been achieved I have never seen success in the form of action the way I saw here .they have a Vision they have a plan universities have vision they have strategic plans and usually universities are doing when it actually comes to showcase yah we actually shows best and when somewhere you know that has not been achieved. We can't and we haven't done it yet. at centurion That what your goals and visions be here there is not what has been achieved is goes beyond that has been achieved and that goes beyond my understanding and my own experience in any other place in India and any other universities in India .it has been an unique experience in every form and what really surprised me that university know one or two disciplines or may be more sorry they become quite well known for like this university knowns for business this university known for....But centurion seems to have captured it all and most of all perhaps the highlights the absolutely top notch thing i would say that it has not only consider youth younger generation to be educated and trained it has been gone out and actually found the youth they needed and I think that is something once again I would say I have never seen before at least in my experience and after I actually visited the workshops those young beautiful children of India who have been deprived from childhood and who have been deprived from other things. What they have been given those beautiful places that have put so intently doing what they append to see to enjoining so much and with a future head of then it move me immensely and I could not stop my tears. It's very good experience I am taking with me and j would love to work with centurion in anyway that i can contribute in aims and goals of centurion and the vision i think that they are many ways that we can collaborate I am a professor of agriculture and we are sales at Western Sydney University are wanting to enhance agriculture at that university. I see that they are many ways that we can collaborate. We already have protected cropping as a common area that Mr. Mishra has expressed to cone together but they are many things that we can learn from you. I am taking with me all those sustainable agricultural practices that you all have cheered so beautifully on your campus. particularly those of composting organic agriculture the dairy the life stop productions the

mushroom organic production these things are they are traditionally known practicing answer now with food security neutrinos security all of these being become the global priority.no being can ignore any of these things and now we away from industry and agriculture and. You have got it right you have got it so right and not only that you have it and these things happening on the campus and the students all aware of them but you also making with the farmers you know equally aware of this practices encouraging them to use it. Once again its exceptionally success you have achieved even in this discipline and we hope to have partnership together and will be able to collaborate learn to each other and something that we can start implementing to is to really involved and also to see how can we really even make some phase of community there and here beyond this to come together and to learn about these and engagement through partnerships.so thank you very much for this most inspirational most heartwarming extremely encouraging and i look forward with collaboration thank you very much.

JeewaniAnupamaGinige



First of all I would love to extend a big thank you to Centurion University and the staff who has organized our visit and its been a wonderful visit altogether. The hospitality has been so great. I've enjoyed my visit very much. I was so amazed by the range of projects that the Centurion University is doing, the range of courses that you are offering and most importantly, how well connected those projects are with the community, with the students. Not just the student life but beyond the student life into their working life and how they supported and the way they are looked after. We've seen quite a few examples of their alumni coming back to the university and working in the university and being part of the university community it is a testament to say that what Centurion is doing is actually remarkable. We've seen small projects, big projects who are working within the university and outside the university, in the community all of that has been a great experience. It is amazing to see that how evolved all of the staffs are. It feels like all of the staff members are sharing one dream one vision, and it is really great as you don't see that kind of thing any other university. I liked the allied health courses, in the area like pathology, medical imaging. I think there are great opportunities in bringing the technology and the healthcare together, as you know the world is very much in need of technological expertise in the health domain particularly health informatics. So, bringing these two together could be a good futuristic project that Centurion University can work on. I think there are number of good engagement opportunities between Western Sydney and Centurion University in terms of technology. I'm looking forward to making another visit in the future and working with the staff involved in the Centurion University. Thank You

India Study Tour 2019

31 August to 8 September 2019

Itinerary

Date	Time	Detail
Saturday 31 August	By 4.00 pm	Arrive at Sydney Airport: Check-in and proceed through customs
	6.05 pm	Board Flights: Flight SQ242 (Singapore Airlines) – Sydney to Singapore Flight SQ402 (Singapore Airlines) – Singapore to New Delhi
Sunday 1 September	5.40 am	Arrive in New Delhi: Clear customs and meet in arrivals
	7.00 am	Transfer to Hotel: Confirmed by Rabani, India Office Transfer (1 van or 4 cars) booked from International airport to Hotel Check-in at Le Meridien, Windsor Palace New Delhi
	Rest of day	Free Time: Group dinner (details TBC)
Monday 2 September	9.45 am	Transfer to India Office: Confirmed by Rabani, India Office Pickup from Le Meridien, Windsor Palace New Delhi Transfer to India Office (Navitas, Ground Floor, Thapar House, Janpath) – arrive at 10.30
	10.00 am	Meeting with Senior India Office Staff: Meeting with Daniel Tackage, Australasia Senior Student Recruitment Manager South Asia from Navitas
Monday 2 September (cont.)	10.30 am	Presentations to Key India Office Partners: <ul style="list-style-type: none"> • Carmelo González: Consultant, International Relations from The Chopras Group • Anubhuti Rautela: Chief Operating Officer from SIEC Education • Sanyukta Salwan: Manager – Marketing & Client Relationship from VIEC
	12.00 pm	Lunch: Details TBC
	2.30 pm	Transfer to Australian High Commission: Confirmed by Rabani, India Office Pickup from India Office Transfer to Australian High Commission, Gate No 1, 1/50 G Panchsheel Marg, Shantipath, Chanakyapuri, New Delhi
	3.00 pm	Meeting with Australian High Commission: <ul style="list-style-type: none"> • Rod Hilton, Deputy High Commissioner • Lyndal Corbett, A/g Counsellor (Education and Research) • Jaclyn Lane, First Secretary (Education and Research) • Shazia Naqvi, Policy Officer (Education)
	4.00 pm	Transfer to Hotel: Confirmed by Rabani, India Office Pickup from Australian High Commission Transfer to Le Meridien, Windsor Palace New Delhi
Tuesday 3 September	7.30 am	Transfer to Airport: Confirmed by Rabani, India Office Pickup from Le Meridien, New Delhi Transfer to domestic airport
	10.20 am	Board Flight: Flight UK787 (Vistara Airlines) – New Delhi to Bhubaneswar

	12.20 pm	Arrive in Bhubaneswar: Meet in arrivals
	12.30 pm	Transfer to Centurion University: Transport confirmed by Prakash, Centurion University
Tuesday 3 September (cont.)	1:00 pm	Lunch: Coordinated by Centurion
	3.00 pm	QIS Submission & Campus Tour: Tour of Bhubaneswar Campus
Wednesday 4 September	09:30 AM	Meetings with Centurion: Welcome and context by VC, Meetings with Deans, Directors, Entrepreneurial Start-ups
	12.30 pm	Lunch: Coordinated by Centurion
	2:00 pm	Stakeholder Meetings: Urban Micro-Business Centre (UMBC), partners and stakeholders
	3:30 PM	City Sightseeing in Bhubaneswar: Odisha Tribal Museum – Kala Bhoomi Visit to Ancient Caves and Temples of Odisha
Thursday 5 September	06.00 am	Transfer to Parlakhemundi: Transport confirmed by Prakash, Centurion University
	12.30 pm	Check-in and Lunch: Coordinated by Centurion
	1:30 pm	Campus Tour and Stakeholder Meetings: Parlakhemundi Campus, Centurion Public School, Village Artisans
Friday 6 September	09:30 am	Meeting with Centurion: Interaction with different schools at Parlakhemundi Campus
	11:30 AM	Transfer to Bhubaneswar: Transport confirmed by Prakash, Centurion University
	12.30 pm	Lunch: En route
	7:30 pm	Dinner with President & Vice-Chancellor of Centurion University: Summary of opportunities, identification of joint projects
Saturday 7 September	09:30 am	Transfer to Bhubaneswar Airport: Transport confirmed by Prakash, Centurion University
	12.55 pm	Board Flight: Flight UK7878 (Vistara Airlines) – Bhubaneswar to New Delhi
	3.30 pm	Arrive in New Delhi: Meet in arrivals of the domestic terminal
	3.30 pm	Transfer to International Terminal: Confirmed by Rabani, India Office
	9.55 pm	Board Flights: Flight SQ403 (Singapore Airlines) – New Delhi to Singapore Flight SQ241 (Singapore Airlines) – Singapore to Sydney
Sunday 8 September	4.50 pm	Arrive in Australia: Clear customs and make own way home



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Empowering Communities...*

Itinerary : Western Sydney University - Delegates visit to Centurion University

<p>Objectives for the visit :</p>	<p>Familiarizing staff with Centurion University and its activities Identify opportunities for student visits and student engagement Explore opportunities arising from Waste to Wealth Identify internship opportunities for Western students Identify possible joint social responsibility projects for student engagement.</p>	
<p>Date</p>	<p>Day</p>	<p>Activity</p>
<p>3-Sep-19</p>	<p>Tuesday, Afternoon</p>	<ul style="list-style-type: none"> • Arrival at Bhubaneswar - Check-in to the guesthouse at Bhubaneswar Campus. (1:00 PM) • Filling up the QIS sheet and handing over the photocopies of passport and Visacopy for compliance band submission to local authorities. • Lunch 1:30 PM - 2:30 PM • Campus tour of labs & workshops at Centurion Univesity: (3:00 PM) <ul style="list-style-type: none"> ❖ Transformer Unit (Prof.JagannathPadhi), ❖ Waste to Wealth Lab - Pottery & Ceramics, Recycle Paper Unit (Satish Mandal); ❖ Wood Engineering (ParthasarathiMohanty), ❖ Ashok Leyland, Eicher, Mahindra, BMW, Hyundai, Yamaha, Godrej, Schneider, Differently Abled Skills CoE - Training Unit (Prof TapanRath); ❖ Apparel Unit (ParthasarathiMohanty), Cafe Coffee Day - Skill Training Centre (ShreejayaSatapathy); ❖ CNC - Mini tool room (HimansuSekhar Panda), ❖ 5 Axis Lab (HimansuSekhar Panda) ❖ E- rickshaw - Powdering & Assembly unit (Jakesh); ❖ Sky riders - Automotive Learning (HimansuSekhar Panda); ❖ GT Tech - AR/VR Lab (Mr RabindraSaha, Ops) ❖ Facilities on the way to visit STP - Sewerage Treatment Plant ❖ Paper pens - Production Unit & Demonstration of Live Skilled based Projects (Prof. Amiya Singh, Dean of SoVET) ❖ SPAHS visit of Labs, Renewable Energy Lab , Festo& PLC Lab (Prof. Sunil Jha, &Prof.Mukundjee Pandey) ❖ Biodigester Food Waste Compost (MrJogesh Mishra &Somnath) ❖ Visit to School of Media & Communication - Live Recording & Broadcasting Labs (Prof.ChandrabhanuPattanayak) ❖ Swimming Pool for Brief session of Yogic Relaxation with Prof. S K Bose, Chief Mentor - CUTM (Rabi Routray, Dean Sports)

4-Sep-19	Wednesday, Morning	<ul style="list-style-type: none"> • Yoga Session at Pool side @ 7 am • Briefing: Centurion University echo system and its allies by Vice-Chancellor (10:00 AM) • A detailed Presentation of Centurion echo system by Abhinav Madan, MD of Gram Tarang Employability Training Services • Presentation about Centurion University on Academic Programs by Prof. P K Mohanty, Dean Academics • Interaction with Entrepreneurs and Internal CUTM Members. Prof. Amiya Singh, Mr Jakesh, Mr Himansu, Dr. B P Mishra, Dr. J Krath, Mr. DillipTripathy . • Individual Presentations of members to follow - Prof Amiya Singh, Mr Himansu, Mr Jakesh. • Lunch Break : 1:00 PM to 2.00 PM
4-Sep-19	Wednesday, Afternoon	<ul style="list-style-type: none"> • City Site Seeing in Bhubaneswar - Visit to Odisha Tribal Museum(2:15 PM) • Visit - Urban Micro Business Centre (3:15 PM) <ul style="list-style-type: none"> ❖ Orientation on various products and services delivered to the community and market. Interaction with women associates from the neighbouring slum, Kargil Nagar Community of different units - potential entrepreneurs . ❖ Meeting with UMBC - Partners / Stakeholders - understanding the purpose and objective of UMBC Strategy. ❖ Interaction with Minakshi Chand (Awarded as Best Entrepreneur) ❖ Possible interaction with : Community members at Kargil Nagar • City Site Seeing in Bhubaneswar (5:00 PM) <ul style="list-style-type: none"> ❖ Kala Bhoomi: Odisha Crafts Museum
5-Sep-19	Thursday, Morning	<ul style="list-style-type: none"> • Departure to Parlakhemundi(7:00 AM) • Check-in and Lunch Break : 12.30 PM to 1.30 PM
5-Sep-19	Thursday, Afternoon	<ul style="list-style-type: none"> • Paralakhemundi Campus tour of labs & workshops: (2:00 PM) <ul style="list-style-type: none"> ❖ CNC Mini Tool Room ❖ 3D Printing AR/VR Lab ❖ Eicher Incubation and Training Centre ❖ Volvo Incubation and Training Centre ❖ Plant Tissue Culture Laboratory ❖ Dairy Processing Unit ❖ Bakery Production Unit ❖ Vermicompost Units ❖ Mushroom Research & Production Unit ❖ Biofertilizer Laboratory ❖ DassaultSystemes: Automotive Design, Smart City Innovation Lab ❖ Biotechnology ❖ Visit the Saura Tribal village • Dinner (8:00 PM)
6-Sep-19	Friday, Morning	<ul style="list-style-type: none"> • Visit to Centurion Public School - Kalapurna, Principal (09:30 AM) • Visit to Gram Tarang Foods - CO2 Extracts - Mr ShashikantTewary • Departure from Parlakhemundi to Bhubaneswar (11:30 AM - 3:00 PM) • Lunch Break : 12.30 PM to 2.00 PM (En-route)

6-Sep-19	Friday, Evening	<ul style="list-style-type: none"> • Dinner @ 7 PM hosted by President & Vice-Chancellor at their residence. (Handing over the mementoes and have a briefing session of the visit along with the President, Centurion University). • Having video-based feedback from the delegates. • Summary meeting with President & Vice-Chancellor for the way forward. <ul style="list-style-type: none"> ❖ Identify and specify social responsibility projects to be undertaken jointly by CUTM & WSU ❖ Plan for setting up the Integrated Centre for Social Entrepreneurship.
7-Sep-19	Saturday, Morning	<ul style="list-style-type: none"> • Departure from Bhubaneswar Campus @ 09:00 AM to Forest Park • Meeting at Forest Park with President for a Coffee, Feedback and way forward. • 10:15 AM Meeting with His Excellency Prof.Ganeshi Lal, Governor of Odisha. • Departure to Bhubaneswar Airport

CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA
Visit of Delegates from WSU on 5th and 6th September 2019
Paralakhemundi Campus

Timing	Programme Details	Responsibility/Members to be present
5th September, 2019		
11:30 am	Arrival at Paralakhemundi Campus. To be received at MDC	Prof.Sandipan Pine Prof. M. Devendra Reddy Prof. S. P. Nanda Prof.SagarMaitra Prof.DurgaPadhi Prof.Saurav Barman
12:00 Noon	Lunch at MDC	Prof.Sandipan Pine Prof. Sadat Ali
Campus Visit from 1:00 pm to 6:00 pm		
01:00 pm	Protected Cultivation Unit (MBA front)	Dr.SagarMaitra
01:20 pm	Dairy Processing Unit	Mr. N Manikanta
01:30 pm	Bakery Unit	Prof. Sadat Ali
01:35 pm	Mini Tool Room	Prof.AshimPadhy
02:15 pm	Eicher Lab	
02:40 pm	SMO Training Centre	
02:45 pm	Welding	
02:55 pm	Beauty and Wellness	
03:05 pm	Composting Unit (Including Knowledge on Wheels)	
03:30 pm	Organic Farm	
03:45 pm	Mushroom Unit	Dr.Saurav Barman
04:00 pm	Bio-fertilizer Unit	Ms. SudeeptaPattanaik
04:15 pm	Livestock Unit (Dairy & Poultry)	Dr. B. Praveen
04:30 pm	Tribal Village	Mr. Srinivas Gomango
05:00 pm	3D Printer	Mr. Suman Kumar
05:15 pm	Tissue Culture Lab	Dr.Pushpalatha G.
05:30 pm	Go-To-Market, AR/VR Lab	Ms. PreethaBhadra
6th September, 2019		
08:00 am	Breakfast	Prof.Sandipan Pine Prof. M. Devendra Reddy Prof.Shashi KantTewary Prof.DurgaPadhi Prof.Saurav Barman
09:00 am	GT Foods	Mr. Shashi Kant Tewary Mr. N. Manikanta



Centurion UNIVERSITY

Centurion University of Technology and Management

Western Sydney University, Australia

Rating scale: 1 (Low) -10 (high)

Name of the Delegate : DENISE KIRKPATRICK Gender: F Age:

Country visiting from: AUSTRALIA.

1. How do you qualify your visit to Centurion University?	<u>OUTSTANDING</u> well organised friendly informative
2. Are there areas you would consider to explore collaborating with Centurion University?	<u>Research supervisor training</u> <u>Faculty training</u> <u>Rankings.</u> <u>Staff + student exchange</u>
3. What kind of project / Internship would you like students from WSU to take up?	<u>Discipline based collaborative projects</u> <u>F2F + virtual</u>
4. What are the other expectations which we can explore to collaborate from your perspective?	
5. Would you like to share your experiences after your visit to both the campuses of CUTM !!	<u>Yes.</u>
6. Any specific observations you personally would like to share while your stay on campus?	<u>I'm very impressed with the passion and enthusiasm of staff</u> <u>CUTM is a uni that really makes a difference</u>
7. Any other feedback you would like to share, which is not mentioned above!!	<u>Thankyou for your friendship generosity + hospitality.</u> <u>The willingness to share + collaborate is</u>

Denise Kirkpatrick

Signature



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Centurion University of Technology and Management

Western Sydney University, Australia

Rating scale: 1 (Low) –10 (high)

Name of the Delegate : Sarah Zhang Gender: F Age: 48

Country visiting from: Australia

1. How do you qualify your visit to Centurion University?

It is a very good visit. Rating = 9

2. Are there areas you would consider to explore collaborating with Centurion University?

Common research project on mechanical Eng.

3. What kind of project / Internship would you like students from WSU to take up?

The E- ~~rickshaw~~ rickshaw project.

4. What are the other expectations which we can explore to collaborate from your perspective?

staff and student exchange

5. Would you like to share your experiences after your visit to both the campuses of CUTM !!

Yes.

6. Any specific observations you personally would like to share while your stay on campus?

The engagement and impact to the community

7. Any other feedback you would like to share, which is not mentioned above!!

There are many impressive things and projects done in this univ. The certain learning, the hands on learning. The entire pre-nursing are excellent!

Signature



Centurion University of Technology and Management

Western Sydney University, Australia

Rating scale: 1 (Low) –10 (high)

Name of the Delegate : Western Sydney Uni. Gender: F Age:

Country visiting from: Australia

1. How do you qualify your visit to Centurion University? <u>Inspiring and highly Impressive</u>
2. Are there areas you would consider to explore collaborating with Centurion University? <u>Possibly projects emmerging around Health +IT field.</u>
3. What kind of project / Internship would you like students from WSU to take up? <u>Computing Capstone exchange projects</u>
4. What are the other expectations which we can explore to collaborate from your perspective? <u>In the area of PhD Supervisor training and mentoring projects</u>
5. Would you like to share your experiences after your visit to both the campuses of CUTM !! <u>Yes. Bhubaneswar - Highly moted by the fact that you have such social awaners and address set out to resolve the social and economical inequality of rural and urban poor in India.</u>
6. Any specific observations you personally would like to share while your stay on campus? <u>Amazed by the dedication of all staff and motivation of all students.</u>
7. Any other feedback you would like to share, which is not mentioned above!! <u>Thank you for hosting us. Best of luck in all endeavours!!</u>

→ Paralakhe mundi - Just amazed by the beautiful campus and surroundings. Highly impressed by how the work expands to local communities and the primary, secondary & high schools in the area.

Signature





Centurion UNIVERSITY

Centurion University of Technology and Management

Western Sydney University, Australia

Rating scale: 1 (Low) -10 (high)

Name of the Delegate : Cheryl Jendrachowski Gender: F Age: 35

Country visiting from: AUSTRALIA

1. How do you qualify your visit to Centurion University? The visit exceeded all my expectations, very thorough & enlightening to see the diverse offerings at Centurion University
2. Are there areas you would consider to explore collaborating with Centurion University? Yes, many! Especially student short term exchange opportunities, as virtual student and project collaborations & internships!
3. What kind of project / Internship would you like students from WSU to take up? Any type of community engagement internship, potentially the urban business centre. Projects are endless, though, I like the idea of joint benefits in a sustainable influence.
4. What are the other expectations which we can explore to collaborate from your perspective? Sharing student engagement success stories, programs/ projects to improve extracurricular programs.. Global student mentorships.
5. Would you like to share your experiences after your visit to both the campuses of CUTM !! As mention in question 1, I was amazed by the innovation of bringing together traditionally individual models.
6. Any specific observations you personally would like to share while your stay on campus? The passion and dedication of staff, the engagement of the students & the number of alumni that have return to Centurion University.
7. Any other feedback you would like to share, which is not mentioned above!! You've given me a 'spark' to get more student projects at Western, I truly hope that collaboration between myself & Centurion continues!

Signature



Centurion UNIVERSITY

Centurion University of Technology and Management

Western Sydney University, Australia

Rating scale: 1 (Low) -10 (high)

Name of the Delegate : DR. PUEROZA DARUWALA Gender: F Age:

Country visiting from: AUSTRALIA

1. How do you qualify your visit to Centurion University?

pleasing and very interesting.

2. Are there areas you would consider to explore collaborating with Centurion University?

STAFF and STUDENT Exchange.

3. What kind of project / Internship would you like students from WSU to take up?

Experience both campuses and especially all the VET projects.

4. What are the other expectations which we can explore to collaborate from your perspective?

Collaborative research including Ph.D supervision.

5. Would you like to share your experiences after your visit to both the campuses of CUTM !!

Very interesting to see the similarities and differences between campuses.

6. Any specific observations you personally would like to share while your stay on campus?

Toilets in rooms need to be cleaned properly.

7. Any other feedback you would like to share, which is not mentioned above!!

Thank you to Prakash, Pragnika and Abhinav. Your hospitality, care, concern and passion made this trip very special. I am so

grateful to have had the opportunity to meet you. You are amazing people doing an amazing job.

Wishing you all the very best and may your talents be recognised.

Signature

M. Daruwala

WESTERN SYDNEY UNIVERSITY

OVER ALL FEEDBACK OUR HOSPITALITY ON DATE- 04/09/19

NAME	FEEDBACK
DR JEEWANI ANUPAMA GINIGE	
SARAH YIXIA ZHANG	It is great! Thanks to Dhab CD The staff are very kind and nice! They are helpful!! Thanks!
INU RANA	Very cooperative & attentive. Amazing staff. Thank you!
PRITI KRISHNA	A lovely stay. So thoughtful ^{ful} + helpful every detail. Very Attentive staff Thanks to all of you for all your effort
DENIS KIRKPATRICK	Excellent service. Really friendly staff. Thankyou!
CHERYL ANNE JENDRACHOWSKI	
DR PHEROZA DARUWALLA	Thank you I am impressed with the level of care. Spl. thanks to Dhab CD .
DR LAUREL JAXKSON	

DR MARIE JUSTINE	Lovely clean rooms ✓✓ Air conditioning - ü ✓✓ Overall v. comfortable ✓✓
NICHOLE GEORGEU	



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Centurion University of Technology and Management

Study Tour of Western Sydney University



From Left to Right in the Front Row: Mr. Abhinav Madan; Mr. Abhinav Mishra; Mr. KVD Prakash; Prof. Priti Krishna; Mr. Nirvan; Prof. Amiya Singh; Associate Prof. Sarah Yixia Zhang; Ms. Cheryl Anne Jendrachowski; Dr. Supriya Pattanayak; Prof. Denise Kirkpatrick; Dr. Jeewani Anupama Ginige; Ms. Inu Rana;
From Left to Right in the Back row: Mr. Bijan Das; Dr. Dipankar Bhattacharyay; Mr. Siddharth; Dr. Marie Justine O' Sullivan; Associate Prof. Nichole Georgeou; Dr. Laurel Jackson; Dr. Pheroza Daruwalla; Prof. P K Mohanty; Ms. Prajwalita Masih





Manoj
DEAN
SoM
CUTM, Odisha



Individual Activity Summary Sheet

Name of the Activity: **Machine Learning workshop**

Name of the Collaborating Agency: APT Software Avenues Pvt.Ltd,Kolkata

Number of Activities under this MoU: 2

Year of the Activity: 2019

Duration of Activity: May-29 to June 06 2019.

Duration of MoU: May-29 to June 06 2019.

No. of Students Participated: NIL

No. of Faculty Participated: 14

Brief description about the activity: A faculty development programme was arranged at the department level in the MachineLearning domain where faculty members attended Artificial Intelligence and Machine Learning training classes delivered by, Suman Sengupta May-29 to June 06 2019. The FDP was influential in covering concepts like basic PYTHON fundamentals, Image handling in PYTHON, Face Recognition techniques in PYTHON and usage of Support Vector Machines (SVM). As a part of the training faculties were also asked to do a Project titled “Diabetic Retinopathy “ where they could develop algorithms to detect the affected and unaffected diabetic retinas up to an accuracy of 98%.

List of Participants:

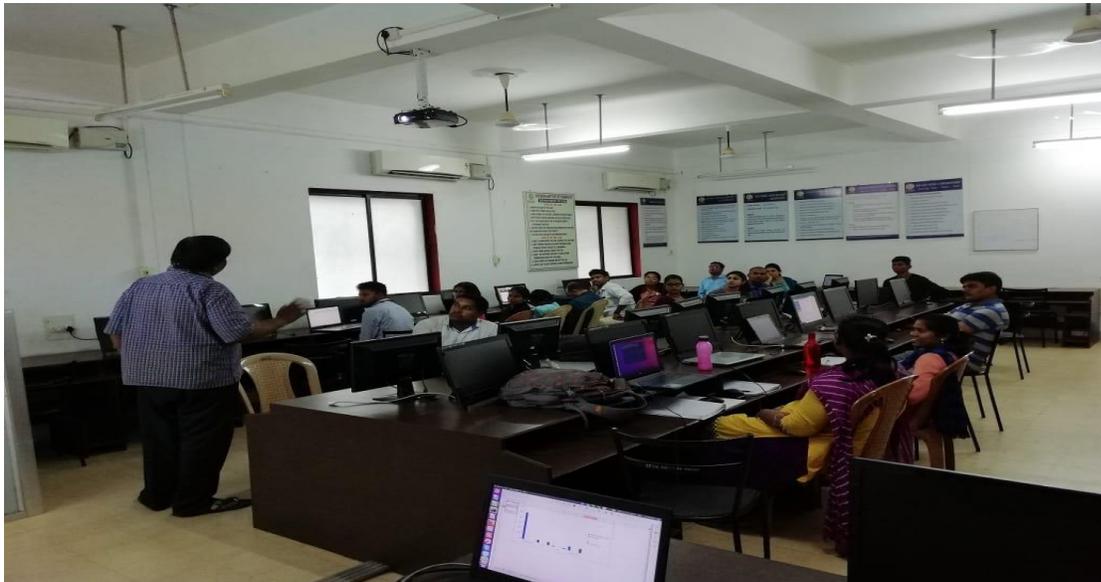
Faculty:

SL NO	Name	Campus
1	Manoj Kumar Behera	BBSR
2	P. Annan Naidu	BBSR
3	Debasish Das	BBSR
4	Swati Sucharita Barik	BBSR
5	Sasmita kumari Nayak	BBSR
6	Sweta pattnaik	PKD
7	Dr. Jhum Swain	PKD
8	Swarna Pabha Jena	BBSR
9	Subrat Kumar Pradhan	BBSR
10	Rashmi Ranjan Bhola	Vizag
11	V. Pradhatri	Vizag

12	Debraj Rana	BBSR
13	Pradeep Mahapatra	PKD
14	Sandeep Jena	BBSR

Resource Person:

Suman Sengupta, APT Software Avenues Pvt.Ltd,Kolkata



Individual Activity Summary Sheet

Name of the Activity:

1. Placement and Internship

Name of the Collaborating Agency: **BADVE Engineering LTD, Bangalore**

Number of Activities under this MoU: 1

Year of the Activity: 2019

Duration of Activity: __1st Feb to 30th Apr 2019_____

Duration of MoU: 22-09-2018 to 30-09-2020

No. of Students Participated: 8

No. of Faculty Participated: 0

Brief description about the activity: (if any)

List of students gone for internship:

Sl. No.	Regd.No	Student Name
1	150101160006	RAO KALLA YOGESWARA
2	150101160007	INDAM GIRI
3	150101160008	SIVVALA NAGARAJU
4	150101160012	MUDADLA MOHAN
5	150101160017	BODDEPALLI CHANDU
6	150101160025	CHENCHILAMU MANIDEEP
7	150101160029	PATRO SUNIL

8	150101160045	SAMAL PRABHAT
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Activity Report

Agency Name: EICHER

Academic Year: 2019

Total Number of Activities in this academic year: 1

No. of the Students: 47

- The students gain knowledge about different systems and subsystems of automobile.
- Students acquire basic skills in the maintenance of automobile.
- It help them to explore the opportunities available in the industry or to start their own micro enterprises with great results.
- The students get jobs in automobile manufacturing companies in India and abroad.
- There are large number of job opportunities in automobile designing, research & development, sales & service.
- The students can also successfully run their own business in this field.

Students List:-

SI No	Domain Name	Regd no	Name of student
1	Automobile Engineering	140301MER187	ABHISEK HALDER
2	Automobile Engineering	140301MEL207	JUNAID ASIF
3	Automobile Engineering	140301MEL209	OMPRAKASH MAHAPATRA
4	Automobile Engineering	140301MER006	AMIT KUMAR MAHATO
5	Automobile Engineering	140301MER007	SUMIT NAYAK
6	Automobile Engineering	140301MER081	SUNIL BANKIRA
7	Automobile Engineering	140301MER089	SUSANTA KUMAR GHADAI
8	Automobile Engineering	140301MER174	SAROJ KUMAR PRADHAN
9	Automobile Engineering	140301MER146	AJIT SAHOO

10	Automobile Engineering	140301MER127	SK TAIYEB ALI QUADRI
11	Automobile Engineering	140301MER057	MD. NADEEMUL AMBEYA KHAN
12	Automobile Engineering	140301MER122	SATYAJEET CHAKRABORYTY
13	Automobile Engineering	140301MER031	ALOK RANJAN DASH
14	Automobile Engineering	140301MER076	CHANDRASEKHAR DASH
15	Automobile Engineering	140301MEL215	JYOTI PRAKASH BISWAL
16	Automobile Engineering	140301MEL216	RUDRA NARAYAN BEHERA
17	Automobile Engineering	140301MER182	NARAYAN DASH
18	Automobile Engineering	140301MEL225	JAIPAL SINGH HANSDA
19	Automobile Engineering	140301MER059	RITESH RANJAN PATRA
20	Automobile Engineering	140301MER201	AISWARYA JENA
21	Automobile Engineering	140301MER185	SUBHASHIS JENA
22	Automobile Engineering	140301MER124	SK. JAVED AKHTAR
23	Automobile Engineering	140301MEL232	SUKANTA KUMAR BEHERA
24	Automobile Engineering	140301MEL223	TRILOCHAN SAMAL
25	Automobile Engineering	140301MER037	S.B. SACHINKUMAR
26	Automobile Engineering	140301MER035	ASHUTOSH SAHOO
27	Automobile Engineering	140301MER055	ASHUTOSH SAMANTRAY
28	Automobile Engineering	140301MEL217	SHUAIB JAMIL
29	Automobile Engineering	140301MER044	AMIT KUMAR PANDA
30	Automobile Engineering	140301MER052	BRAHMANANDA SAHOO
31	Automobile Engineering	140101MEL118	AJAY MUNDA
32	Automobile Engineering	140101MER008	SANDEEP KUMAR SAHU
33	Automobile Engineering	140101MER010	AMAR KUMAR
34	Automobile Engineering	140101MER025	ASHUTOSH DASH
35	Automobile Engineering	140101MER029	KOTRA SAI DINESH
36	Automobile Engineering	140101MER031	SAVARA NARESH KUMAR
37	Automobile Engineering	140101MER033	JANNI PRASAD
38	Automobile Engineering	140101MER035	TARLI KIRAN KUMAR
39	Automobile Engineering	140101MER041	ASHUTOSH PANIGRAHI
40	Automobile Engineering	140101MER047	SAGAR MAHANTY
41	Automobile Engineering	140101MER053	V.V SRI HARSHA
42	Automobile Engineering	140101MER059	DIPAK KUMAR GOUDA
43	Automobile Engineering	140101MER063	TAMMINANA KHAGESWARA RAO
44	Automobile Engineering	140101MER084	AKASH KUMAR
45	Automobile Engineering	140101MER091	KRISHN KUMAR SUMAN
46	Automobile Engineering	140101MER103	ABHIMANYU KUMAR SINGH
47	Automobile Engineering	140101MER104	VICKY BABU





Activity Report

Agency Name: VOLVO Vehicles

Academic Year: 2019

Total Number of Activities in this academic year: 1

No. of the Students: 47

- The students gain knowledge about different systems and subsystems of automobile.
- Students acquire basic skills in the maintenance of automobile.
- It help them to explore the opportunities available in the industry or to start their own micro enterprises with great results.
 - The students can get jobs in automobile manufacturing companies in India and abroad.
 - There are large number of job opportunities in automobile designing, research & development, sales & service.
 - The students can also successfully run their own business in this field.

Students List:-

SI No	Domain Name	Regd no	Name of student
1	Automobile Engineering	140301MER187	ABHISEK HALDER
2	Automobile Engineering	140301MEL207	JUNAID ASIF
3	Automobile Engineering	140301MEL209	OMPRAKASH MAHAPATRA
4	Automobile Engineering	140301MER006	AMIT KUMAR MAHATO
5	Automobile Engineering	140301MER007	SUMIT NAYAK
6	Automobile Engineering	140301MER081	SUNIL BANKIRA
7	Automobile Engineering	140301MER089	SUSANTA KUMAR GHADAI
8	Automobile Engineering	140301MER174	SAROJ KUMAR PRADHAN
9	Automobile Engineering	140301MER146	AJIT SAHOO
10	Automobile Engineering	140301MER127	SK TAIYEB ALI QUADRI

11	Automobile Engineering	140301MER057	MD. NADEEMUL AMBEYA KHAN
12	Automobile Engineering	140301MER122	SATYAJEET CHAKRABORYTY
13	Automobile Engineering	140301MER031	ALOK RANJAN DASH
14	Automobile Engineering	140301MER076	CHANDRASEKHAR DASH
15	Automobile Engineering	140301MEL215	JYOTI PRAKASH BISWAL
16	Automobile Engineering	140301MEL216	RUDRA NARAYAN BEHERA
17	Automobile Engineering	140301MER182	NARAYAN DASH
18	Automobile Engineering	140301MEL225	JAIPAL SINGH HANSDA
19	Automobile Engineering	140301MER059	RITESH RANJAN PATRA
20	Automobile Engineering	140301MER201	AISWARYA JENA
21	Automobile Engineering	140301MER185	SUBHASHIS JENA
22	Automobile Engineering	140301MER124	SK. JAVED AKHTAR
23	Automobile Engineering	140301MEL232	SUKANTA KUMAR BEHERA
24	Automobile Engineering	140301MEL223	TRILOCHAN SAMAL
25	Automobile Engineering	140301MER037	S.B. SACHINKUMAR
26	Automobile Engineering	140301MER035	ASHUTOSH SAHOO
27	Automobile Engineering	140301MER055	ASHUTOSH SAMANTRAY
28	Automobile Engineering	140301MEL217	SHUAIB JAMIL
29	Automobile Engineering	140301MER044	AMIT KUMAR PANDA
30	Automobile Engineering	140301MER052	BRAHMANANDA SAHOO
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33	Automobile Engineering	140101MER010	AMAR KUMAR
34	Automobile Engineering	140101MER025	ASHUTOSH DASH
35	Automobile Engineering	140101MER029	KOTRA SAI DINESH
36	Automobile Engineering	140101MER031	SAVARA NARESH KUMAR
37	Automobile Engineering	140101MER033	JANNI PRASAD
38	Automobile Engineering	140101MER035	TARLI KIRAN KUMAR
39	Automobile Engineering	140101MER041	ASHUTOSH PANIGRAHI
40	Automobile Engineering	140101MER047	SAGAR MAHANTY
41	Automobile Engineering	140101MER053	V.V SRI HARSHA
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45	Automobile Engineering	140101MER091	KRISHN KUMAR SUMAN
46	Automobile Engineering	140101MER103	ABHIMANYU KUMAR SINGH
47	Automobile Engineering	140101MER104	VICKY BABU





Centurion
UNIVERSITY
*Shaping Lives...
Empowering Communities!*

Activity Summary Sheet

Name of the Collaborating Agency: Dassault Systèmes (Living Heritage)

Duration of Competition: 01.07.2021 to 15.12.2021 (5 Month)

Name of the Activity:

1. Decide of project for the competition.
2. Site visit (Reference Photos, Videos, Dimensions).
3. Gathering of license, resource persons (Dassault Systèmes & College).
4. Design and develop of the product.
5. Submitting of the project.

Number of Activities under this Competition: 1

Year of the Activity: 2021

Duration of Activity: 120 days - Competition

No. of Students Participated: 5

No. of Faculty Participated: 3

Brief description about the activity: The project is based on reconstructing UNESCO World Heritage sites as 3D models, where 6 teams from all around the world gave new life to iconic places and masterpieces that have shaped human history. We being one of the team, consisting of 5 students - Dibyajyoti Nayak, A Shiba Reddy, Shireen Hossain, Rohan Ruidas and Jatin Krishna Vallangi as well as 3 mentors - N Laxmidhar Reddy, Lipsa Patra and Avinash Kumar Singh, representing India, were involved in reconstructing the Konark Sun Temple situated in Odisha, India in the 3D Experience Platform.

The project focuses on improving the future by using our knowledge and know - how to rediscover and learn from our shared past by creating 3D virtual experiences of ancient cites.





Activity Report

Agency Name: NTNU

Academic Year: 2020

Total Number of Activities in this academic year: 1

Name of the Activity: Academic Student Exchange Program

Name of the Students: Two students Ashok Kumar Sindri and Prabhat Kumar Tripathy went for the exchange program at NTNU in January 2020.

The course developed in partnership with NTNU now works for two groups of students: first and second year. Second year students: A meeting was held with the 2 students of MDM (Ashok Kumar Sindri and Prabhat Kumar Tripathy) who would be going to NTNU for one semester (Spring) as part of the collaborative programme. After a round of introductions, Geir made a presentation on NTNU titled "Short Introduction – Knowledge for a better World" which presented the vision of the University relating to higher studies and what the students coming to Norway needed to know about the university.

He gave a profile of the University outlining the different disciplines that are offered at NTNU, general idea about the different campuses, the number students at different levels of the University, organisational structure and location of different campuses. He also gave a brief idea about the city of Trondheim and the Dragvoll campus where the students from CUTM will be located. In Spring 2020 in which the students from CUTM have been enrolled extends over approximately 6 months in which 6 Jan – 20 April 2020 is teaching and 4 May – 6 June 2020 is the examination period.

The students will undertake 3 courses – 1) Globalisation and Sustainable Development in the South
2) Innovation and Regional Development, 3) GIS Tools for Climate Change Studies.


DEAN
SOM
CUTM, Odisha

Fwd: Watershed Development Progress Till Now In CUTM,PKD Campus

Inbox



Vishal Kumar Singh

Thu, Jan 28, 10:26 PM
(10 hours ago)

to me

----- Forwarded message -----

From: **Ashish Modi** <ashishmodi@cutm.ac.in>

Date: Fri, Dec 16, 2016, 23:21

Subject: Watershed Development Progress Till Now In CUTM,PKD Campus

To: Laxmidhar Swain <laxmidhar@cutm.ac.in>, Vishal Kumar Singh <vishu@cutm.ac.in>, deanadmin. soa <deanadmin.soa@cutm.ac.in>, <swayamprava@cutm.ac.in>, maporissa <maporissa@yahoo.com>, Dean SOET PKD <deansoet.pkd@cutm.ac.in>

Cc: <web@cutm.ac.in>

Dear all,

Please find the enclosed attachments showing the success that we have made through "Watershed Development" project. Now, we can see the "smiles" on the tanks that have been made to save the run-off water coming from hill area. Till now only 3 phases has completed, work for next phases will start soon which will help in saving more water and results will be more fruitful.

Yesterday, Prof.LDS and Prof SK Das, along with me has visited the hill site and analysed the problem, as water is not coming to two of Percolation Tank. We have made a plan for this and will be working on this soon.

We too hade a fruitful discussion with Dr.BP Mishra and talked on several new way of water harvesting and on making the current project more successful.

-
-
-
-
-
-

Thanks and regards

Er Ashish Kumar Modi
Project Executive
MS Swaminathan School of Agriculture
CUTM, Paralakhemundi, Odisha

Email: ashishmodi@cutm.ac.in

Phone number: 09040143404

M. Devenendra Mys

**DEAN
M S Swaminathan School of Agriculture
CUTM, Paratikherundi**

SACAL – CUTM IN COLLABORATION

SACAL NGO is our training partner in Innovation Agri. project. Centurion University act as a knowledge partner in delivering training to 800 farmers on vermicompost production in interior areas of Mohana Block of Gajapati district, Odisha. For last four year we are working together to deliver training & other livelihood awareness to the Farming community. SACAL NGO also acts as a training partner under RPL project of Gram Tarang, where they have trained approx. 900 farmers on various job roles: such as Vermicompost production, Maize Cultivation & Mushroom production.



M. Devendra Singh

DEAN
M S Swaminathan School of Agriculture
CUTM, Paratatherrundi

Information Sheet

The following students have visited from TAFE NSW, Australia during the period of Nov to Dec 2017 and worked under the guidance of Centurion University Technology and Management, Bhubaneswar, Odisha.

Name of Research fellow –

1. David Hicks
2. Julianne Rose
3. Kelly Rodwell
4. Lucinda Hyder
5. Scott Dorin
6. Bryan Theobald
7. Chloe Hrbert
8. Cassandra Spears
9. Damien Little
10. Sharen Campbell

Year of enrolment -2017

Duration of fellowship -15 days

Type of the fellowship –Diploma in community services

Granting agency –Australian Grant

Qualifying exam if any (NET, GATE, etc.) -NA

Choose any one (JRFs /SRFs / Post Doctoral / Research / Other Research) – TAFE NSW, Australia.


**DEAN
SoM
CUTM, Odisha**

Fwd: Progress Report - Watershed Development Projects

Inbox



Vishal Kumar Singh

Thu, Jan 28, 10:35 PM
(10 hours ago)

to me

----- Forwarded message -----

From: **Vishal Kumar Singh** <vishu@cutm.ac.in>

Date: Sun, Jul 10, 2016, 20:34

Subject: Progress Report - Watershed Development Projects

To: deanadmin.soa <deanadmin.soa@cutm.ac.in>

Cc: Ashish Modi <ashishmodi@cutm.ac.in>, maporissa <maporissa@yahoo.com>,

Laxmidhar Swain <laxmidhar@cutm.ac.in>, Laxmidhar Swain

<laxmidhar.swain@gmail.com>, DEPUTY REGISTRAR

<deputyregistrar@cutm.ac.in>, CHITRASENA PADHY

<chitrasenapadhy@cutm.ac.in>, <writurajkaushik@cutm.ac.in>,

<watershed_development@cutm.ac.in>, KALPATARU DAS

<120101cel062@cutm.ac.in>, TAPASI Parida <120301cer084@cutm.ac.in>,

Manisha takri <manishatakri016@gmail.com>, idebajanipanda

<idebajanipanda@hotmail.com>, manaswinee <manaswinee@cutm.ac.in>, Prof DN

Rao <[dn Rao@cutm.ac.in](mailto:dnr Rao@cutm.ac.in)>

Dear sir

as per the time frame of the project; we have finished Level -1 activity completely and 90% of level-2. We have also done few work in level-3.

All the executed work are described below:-

Overall Progress

Level-1(Ridge Treatment): Construction work of Loose Boulder Check Dams is completed. We have constructed seven check dams which is to drain off all rain water in percolation tanks.

Level-2: Excavation of percolation tanks is completed. We have excavated four percolation tank according to respective catchment area which will store enough water. The main purpose is to percolate water in the earth zone for the improvement of water table.

Level-3: Construction of staggered trench is completed. We have done staggered trench in 5 acre near tribal village. We have also done land bonding in 5 acre.

Monitoring and evaluation:

Project is being monitored by Prof. S. K Das. My self and Ashish is being involved in implementation of indeed plans. Newly joined students are supervising the on going work. All the materials, workers and equipment are being provided by Mr. Buji,

Mr. Teja and Mr. Santosh. We receive continues support from Deputy Registrar, You and Prof. LDS. Where as few work has been done by contractor.

Budget and Expenses:-

In the last meeting it had resolved by Prof. DN Rao the budget of the project will be upto 15 lakh for phase-1.

The total experience of project including transportation till today is **5,85,995 INR.** whereas transportation work was not added in the budget of the project; therefore expenses for project work is **2,92,995 INR** and for transportation of soil is **2,93,000 INR.** I have attached here Expense book and all invoice for reference purpose.

Still few payments are in pending, which will be added in the expense book at later.

New Action Plans

It has resolved in the meeting with Prof Das for excavation of another PT beside PT-3. Also there will be three dug well in the down portion. Trufing and dressing of all percolation tanks will be the next assignment; B.tech agriculture students will be assigned to supervise turfing and dressing. Each group will be alerted one PT.

In Level-3 we have Contour trenches, Jaldhar Model, 5% Model, Sub-Surface Cutoff, Land Bonding and Dug well which has to be planned in the next visit of Prof. Das.

I have attached few photographs of on going project work, please have a look.

Thank You.

Sincerely

Vishal Kumar Singh

GIS Expert and Project Executive

M.S. Swaminathan School of Agriculture,

CUTM, Paralakhemundii, Odisha-761211

Email: spaceimage@outlook.com , vishu@cutm.ac.in

Mob: [09472875448](tel:09472875448)



Individual Activity Summary Sheet

Name of the Activity:

1. Joint Skill Program (Training Purpose)

Name of the Collaborating Agency: Dassault systems

Number of Activities under this MoU:1

Year of the Activity: 2018

Duration of Activity: _____20-10-2018 to 23-10-2018_____

Duration of MoU:19-09-2018 to 19-09-2020

No. of Students Participated:0

No. of Faculty Participated:02

Brief description about the activity: (if any)

System Engineering

focus working on design of Electric Vehicle ,eRickshaw& Tata Ace to EV.

following by Dec'2018 and will have responsibility:

- 1)Full depth practical competency development on System Engineering using Dymola (DS)
- 2)Complete product / vehicle design using system Engg for **EV & eRickshaw**
- 3)Convert existing **Tata ACE vehicle from conventional to Electric Vehicle.**
- 4)Timely completion of assignment on Dymola/EV as and when provided by Kiran Jacob of DS
- 5)Core team to work on assignment & to be also shared with interns to design system Engg and get them learn work and implement on EV/eRickshaw
- 6)This team will implement System Engg on all other 15 nos of GoToMarket product
- 7)Team will learn CATIA electrical and Wire harness design and implement same

Core Team - System Engineering using DS Solution (Dymola)											
Bhubaneswar Campus				PKD Campus				Vitag Campus			
S N	Names	Department	Remarks	S N	Names	Department	Remarks	S N	Names	Department	Remarks
1	Saraj Panda (SPOC-BBSR)	EE/EEE	Faculty	1	Manoj Samal (SPOC-PKD)	EE/EEE	Faculty	1	Arun Manohar (SPOC)	Mechanical	Faculty
2	Debaraj Rana	ECE	Faculty	3	N Jeevaratman	ECE	Faculty	3	S K Mandal	ECE	Faculty
3	R C Mohanty	Mechanical	Faculty	2	D.Raghuvveer	Mechanical	Faculty	2			
4	Manas Ranjan Padhy	Mechanical	Faculty	4	Sujit Mishra	Mechanical	Faculty	4			

Individual Activity Summary Sheet

Name of the Activity:

1. Joint Skill Program (Training Purpose)

Name of the Collaborating Agency: Dassault systems

Number of Activities under this MoU:1

Year of the Activity: 2018

Duration of Activity: _____7days_____

Duration of MoU:19-09-2018 to 19-09-2020

No. of Students Participated:0

No. of Faculty Participated:10

Brief description about the activity: (if any)

List of faculties

S N	Name of Faculties	Dept	Campus
1	Saroj Kumar Panda	EE/EEE	BBSR
2	MUKUNDJEE PANDEY	Mech	BBSR
3	Girija Nandan Arka	Mech	BBSR
4	Ramesh Ch Mohanty	Mech	BBSR
5	Tankadhara Guru	Mech	BBSR
6	Radhagobinda Pradhan	Mech	BBSR
7	Debaraj Rana	ECE	BBSR
8	Raghuveer Dontikurti	Mech	PKD
9	Manoj Samal	EE/EEE	PKD
10	Sujit mishra	Mech	PKD
11	SRI DEVI G	Mech	PKD
12	Kanhu Behera	Mech	PKD
13	Satya Brata Nayak	Mech	PKD
14	N Jeevaratnam	ECE	PKD

Training on designing of end to end system & sub-system of an **Electric Vehicle** is scheduled as per below mentioned schedule for multi-disciplinary streams – Mech, EE/EEE & ECE

Training Schedule:

üDate: 7 Days from 26-Nov-2018 (Monday) to 2-Dec-2018 (Sunday)

üTiming: 9:00 AM to 5:30 AM

üVenue: Unity Lab – CUTM – Paralakhemundi (PKD)

üTrainers: Following Experts from Imperial Society of Innovative Engineers - Noida

○Nanda Kumar C S

○Shaikh Ashhar Ahmed

○Vikram Motwani

üTraining Agenda: PDF file Attached

ü**Outcome of Training:** Learn to design an Electrical Vehicle with pre-defined Technical Specification.

Imperial Society of Innovative Engineers
E-210 F/F
Sector 63, Noida
Pin: 201301



7 Days Program Topics Overview

Suspension & Steering Designing

- Suspension numerical calculation
- Application of Matlab in suspension optimization
- Understanding the Relation between suspension & Steering System
- Calculation of steering rack & Pinion designing
- Using Matlab to balance Unwanted force while steering

Braking system

- Braking system numerical calculation and mathematical modeling
- Optimization braking system with Matlab
- Understanding the concept of regenerative braking with Matlab
- Important parameter selection for braking
- Understanding the braking with Live demonstration and Hands-on designing
- Brake performance triangle calculation and application

Power train

- Mathematical power train calculation (Matlab)
 - o Road Load
 - o Acceleration performance
 - o Aerodynamics
 - o Gradient load
- Power Train designing using Matlab calculation
- Understanding the concept of Power train selection
- Industrial Gear Box manufacturing technique
- Hands-on with transmission system of automobile
- BLDC Motor Numerical Modelling using Matlab
- Optimization of Motor Performance with Matlab
- Understanding Controller circuit designing and programming
- Hands-on Motor winding & Circuit Optimization

Battery and Harness Designing

- **Battery management system designing using Matlab**
 - o Numerical Calculation & understanding the concept of discharging
 - o Understanding the concept of discharging and charger selection as per battery need
 - o Battery Management System designing using Matlab
 - o Hands-on battery dismantling and understanding the concept of battery designing
 - o Complete calculation of battery pack requirement & charging time
 - o Harness numerical current flow calculation and wire dia selection technique
 - o Understanding industrial parameters of harness Designing
 - o Hands-on Harness Fabrication for Automobile.

Chassis Designing Methodology

Note : we will be using Following software in Chassis Designing as per concept need

Hyper works | Catia | Ansys | Matlab |3d Experience

STATIC CONCEPTS

Learning important Basic Parameters

Understanding Basic Concepts of Chassis

- Types of chassis
- Ladder frame chassis
- Tubular space frame chassis
- Mono-coque frame chassis
- Backbone frame chassis
- Aluminum space frame
- Carbon fiber mono-coque
- Chassis (uses & application)
- Chassis Components Mounting strategy
- Material Used for Chassis

FABRICATION CONCEPTS

- Complete Numerical mathematical calculation of various important parameters in chassis designing
- Material Selection technique
- Chassis PVC modeling for ergonomics and analysis
- C.O.G & Weight Reduction technique
- Component mounting & designing Parameters
- Welding techniques
- Welding & Rigidity Testing Methods
- Pipe Cutting & Finishing Techniques

DYNAMIC'S CONCEPTS

- Calculating Important parameter of chassis dynamics balancing
- Learning CAD Design and optimizing the chassis structural strength
- **Understanding the Load condition on chassis**
 - Loads due to running condition
 - Bending Load
 - Tensional load
 - Lateral loading
 - Combined bending and Torsion load
 - Fore and Aft load

NUMERICAL & SOFTWARE IMPACT ANALYSIS

Understanding the force & ergonomic various parameters

- G force calculation
- Energy Distribution Calculation
- Impact Calculation
 - Front Impacts
 - Side Impacts
 - Roll Over
- Modal Analysis
- Welding Analysis
- Vision Numerical Calculation & Software analysis
- Vehicle Ergonomic Analysis

Suspension Designing Methodology

Note : we will be using Following software in suspension Designing as per concept need

Hyper works | Catia | Ansys | Matlab |3d Experience | Lotus

<p>STATIC CONCEPTS Learning important Basic Parameters</p> <p>Understanding Basic Concepts of Suspension</p> <ul style="list-style-type: none"> • Requirement & function • Types of suspensions • Dependent suspension • Independent suspension • Independent Suspensions • Trailing arm suspension • SLA front suspension • McPherson Strut • Double wishbone • Trailing arm suspension • Swing axle • Dependent Systems • Solid-axle, four link • Solid-axle, Hotchkiss • Torsion bars • Electronic ride control • Air suspension <p>FABRICATION CONCEPTS</p> <ul style="list-style-type: none"> • Suspensions Selection technique • Component mounting & designing Parameters • Component Assembling Technique 	<p>DYNAMICS CONCEPTS</p> <ul style="list-style-type: none"> • Suspension Geometry (uses & application) • Detail discuss on various important term for suspension designing <ul style="list-style-type: none"> ◦ camber ◦ caster ◦ spring rate ◦ jacking forces ◦ thrust angle ◦ SAI ◦ Roll Center ◦ Ride Frequency • Dampers Selection & Designing Methods (shock absorbers) <p>NUMERICAL & SOFTWARE ANALYSIS</p> <p>Understanding the Force & Dynamics parameters</p> <ul style="list-style-type: none"> • Complete Force calculation • Shock Damping calculation • Force Dynamics Simulation • Suspension Optimization on software
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Braking Designing Methodology

Note : we will be using Following software in braking Designing as per concept need

Hyper works | Catia | Ansys | Matlab |3d Experience | Lotus

<p>STATIC CONCEPTS Learning important Basic Parameters</p> <p>Understanding Basic Concepts of Suspension</p> <ul style="list-style-type: none"> • Requirement & function • Types of Brakes • Disc brakes • Drum brakes • Power brakes • Parking • Anti-lock braking system • Mode of activation • Cable-operated • Solid bar connection • Single-circuit hydraulic • Dual-circuit hydraulic • Brake-by-wire • Master cylinders • Traction control system <p>FABRICATION CONCEPTS</p> <ul style="list-style-type: none"> • Brake Selection technique • Master Cylinder Selection & fabrication methods • Braking Assembling Technique • Brake line Distribution Methods • Caliper Mounting • Disc Material Selection Technique • Understanding Bleeding methods 	<p>DYNAMICS CONCEPTS</p> <ul style="list-style-type: none"> • Braking Geometry • Detail discuss on various important term for Brake Designing <ul style="list-style-type: none"> o Brake Performance triangle o Inertia Calculation o Brake Force Calculation o Pedal Effort o Caliper & Master Cylinder Selection Methods o Disc Temperature Rise o Lever Designing o Stress Developed Calculation o Brake line Selection Calculation <p>NUMERICAL & SOFTWARE ANALYSIS</p> <p>Understanding the Force & Dynamics parameters</p> <ul style="list-style-type: none"> • Stress calculation in Disc • Brake Force simulation • Temperature rise software simulation • Force-Dynamics Simulation • Brake Optimization on software
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Steering Designing Methodology

Note : we will be using Following software in steering Designing as per concept need

Hyper works | Catia | Ansys | Matlab |3d Experience | Lotus

<p>STATIC CONCEPTS Learning important Basic Parameters</p> <p>Understanding Basic Concepts of Suspension</p> <ul style="list-style-type: none"> • Requirement & function of steering • Types of steering gear box • Worm and Roller Steering Gear • Re-circulating Ball type Steering Gear • Rack and Pinion type Steering Gear. • Cam and Roller Gear type Steering Gear. • Cam and Steering Gear. • Electronic power steering • Four wheel steering • Hydraulic Steering <p>FABRICATION CONCEPTS</p> <ul style="list-style-type: none"> • Rack & Pinion Mounting technique • Rack & Pinion In-house Fabrication technique • Master Cylinder Selection & fabrication methods • Braking Assembling Technique • Brake line Distribution Methods • Caliper Mounting • Disc Material Selection Technique • Understanding Bleeding methods 	<p>DYNAMICS CONCEPTS</p> <ul style="list-style-type: none"> • Steering Geometry Designing • Detail discuss & Calculation on various important term for Steering Designing <ul style="list-style-type: none"> o Under steer & oversteer o Ackerman Geometry o Turning radius o Steering ratio o Steering angle o Wheel Angle o Drifting o Slip Angle • Understanding the relation between Steering & Suspension • Steering effort calculation & optimization <p>NUMERICAL & SOFTWARE ANALYSIS</p> <p>Understanding the Force & Dynamics parameters</p> <ul style="list-style-type: none"> • Stress calculation in rack & Pinion • Effort/Force simulation • Force Dynamics Simulation • Steering System Optimization on software
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Power Train Designing Methodology

Note : we will be using Following software in Power Train Designing as per concept need

Hyper works | Catia | Ansys | Matlab | 3d Experience | Lotus

STATIC CONCEPTS

ENGINE & TRANSMISSION

Understanding Basic Concepts of Engine

- Engine operation
- Engine types & classification
- Engine construction
- Exhaust system
- Supercharge & Turbochargers
- Electronic fuel injection system

TRANSMISSION

- Types of Transmission system
- Manual transmission
- Semi-Automatic
- Automatic
- Different types of gear
- Transmission major parts

MOTOR

- Motor operation
- Motor types & classification
- Motor winding methods
- Wire selection
- Types of sensors used in motors
- Motor Graph analysis
- Motor losses reduction
- Motor manufacturing methods
- Motor uses in hybrid vehicle

FABRICATION CONCEPTS

- Gear Box Fabrication Technique
- Engine Mounting Methods
- Tuning Methods
- Gear \ Sprocket selection technique
- Material Selection Technique
- Mounting & assembling
- Material selection methods for
- Drive shaft & drive train manufacturing

DYNAMICS CONCEPTS

ENGINE & TRANSMISSION

- Engine Simulation & Designing Parameters
- Detail discuss & Calculation on various important terms for Engine
- Power calculation
- Transmission torque Calculation & selection
- Existing engine comparing & selection Technique
- Transmission calculation & optimization

MOTOR

- Motor part designing
- Motor selection methods
- Motor power and torque calculation
- Motor thermal analysis

POWER UNIT

- Battery selection & calculation methods
- Solar Cell selection & calculation
- Batteries types & classification
- Solar cell types & classification
- Fuel cell type & classification

NUMERICAL & SOFTWARE ANALYSIS

Understanding the Force & Dynamics parameters

- Transmission designing
- Transmission selection methods
- Transmission analysis
- Wire selection calculation
- Electric circuit analysis

Electric System

- Circuit designing
- Working principle of major electrical components

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Bodyworks Designing Methodology

Note : we will be using Following software in Bodyworks Designing as per concept need

Hyper works | Catia | Ansys | Matlab | 3d Experience | Lotus

STATIC CONCEPTS

Bodyworks

- Importance of bodyworks
- Types of Bodyworks
 - Composite
 - Steel
 - Aluminum
 - Tubular
- Bodyworks (uses & application)
- Various Material used in Bodyworks
- Molding Methods of carbon fiber& glass fiber.

DYNAMICS CONCEPTS

- Calculating Important parameter of Aerodynamics
- Learning Surface designing
- Understanding the Importance of Aerodynamics Of Vehicle
 - Aero flow Simulation
 - Drag Forces
 - Lift Force Calculation
 - Air venture
 - Sideboard
 - Noise Simulation

- Student will learn how to manufacture fiber body & different molds.
- They will be providing to manufacture body parts using glass fiber (in groups).



Individual Activity Summary Sheet

Name of the Activity:

1. Training Purpose

Name of the Collaborating Agency: Dassault systems

Number of Activities under this MoU: 1

Year of the Activity: 2018

Duration of Activity: 27-28th May 2019

Duration of MoU: 7.03.2019 to 19.09.2020

No. of Students Participated: 0

No. of Faculty Participated: 07

Brief description about the activity: (if any)

The department faculties as the participants were very much motivated and enthusiastic towards the way for solving engineering simulations and its advantages in SIMULIA applications.

Day-1 of the workshop is started with the recapitulation theories related to Machine Design, Theories of failures in terms of finite element modeling was made helpful to understand the concept of being a good simulation analyst for any engineering problems. Overall overview for SIMULIA APPS in 3D experience platform was been demonstrated taking an example of structural analysis of beams and structures subjected to different loading failure conditions was investigated and results were projected. Rubber Mount static structural analysis was the case study in the afternoon session in which the participants learn the way of making meshes of different types in the 3D experience SIMULIA application.

Day-2 of the workshop started as per the scheduled with more real-time case study analysis such as Modal structural analysis were the participants learned about to find the natural frequencies of the systems subjected to loading conditions under self-weight. Mode shapes and its frequencies give as the results with simulation animations makes a clear understanding of the failure regions of the assembly structures such as Pump casing with virtual bolts

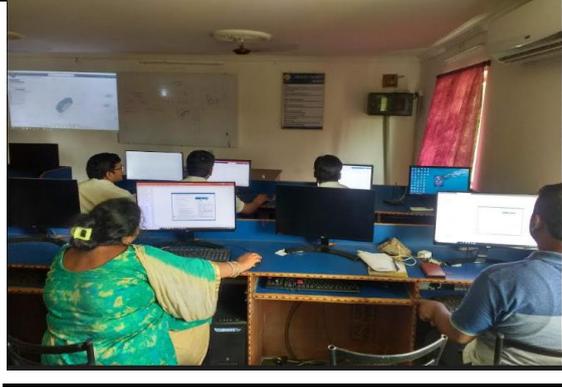
connections available in the SIMULIA APP. Bracket analysis subjected to static –dynamic loading conditions was a case study in the afternoon end-session, crack deformation in the virtual bolts connections was being analyzed. The session found to be a good starter for the participants taking of and involving them in various real-time projects in the SIMULIA APP.

Outcomes of the Program:

- Participants were ready to SIMULIA 3dexperience platform.
- Utilizing SIMULIA tools in various real-time engineering problems through various analysis steps.
- Can generate different types of Meshing which influence the output of the analysis solution.
- Were able to find out and validate the failure regions in the engineering components.

List of the participants

1. Mr. Sukant Nayak
2. Mr. Santosh Patro
3. Mr.Amrit Mallick
4. Mr.P.suman
5. Mr.Satabrata Nayak
6. Mrs. G.Sridevi
7. Mr.V.Khageswar



SOET
Salakhemundi
Arah

Individual Activity Summary Sheet

Name of the Activity:

1. Joint Skill Program (Training Purpose)

Name of the Collaborating Agency: **BADVE Engineering LTD, Bangalore**

Number of Activities under this MoU: 1

Year of the Activity: 2018

Duration of Activity: __19th to 26th Dec 2018_____

Duration of MoU: 22-09-2018 to 30-09-2020

No. of Students Participated: 37

No. of Faculty Participated: 5

Brief description about the activity: (if any)

Here is the detail day wise progress of students of welding domain in NDT LEVEL-I workshop from 19th Dec to 26th Dec 2018 daily 8hr/day.

Day:1 19th Dec- inauguration in morning session and introduction to NDT in afternoon session.

Day:2 20th Dec-morning session- Ultrasonic testing method and process. afternoon session: handling of the equipment and learning operation.

Day:3 21th Dec - types of calibration method and probes of UT. selection of normal probes and use.

Afternoon session: calibrating the machine & detection of flaws by normal probes for 12mm Butt joint plates.

Day :4 22nd Dec Morning session- Angular probes use and calculation of range and skip distance for jobs.

Afternoon session: practice on T, Butt and Lap- joints by normal probe and Angle probe.

Day 5 23rd Dec Morning session- limitation of UT and recommended testing procedure as per ASNT. Magnetic particle testing introduction and procedure.

Afternoon : Testing of pipe joints , railway line(cut piece) by each students individually.

Day 6 24th Dec morning session: Magnetic particle testing classification and detail inspection procedure.

Afternoon session UT practice on students specimen .

Day 7 25th Dec morning session : exam from 9:00 am to 12:00 pm for level -1
UT, MPI, PT.

Day 8 26th Dec morning session: 9:00 am to 12:00 pm liquid penetrant
testing of pipes and joints by students. and valedictory function.









CIFA Activity Report

Agency Name: CIFA

Academic Year: 2018

Total Number of Activities in this academic year: 1

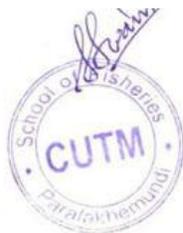
No. of the Students:

Internship to B.Tech(Ag. Engg.) students

ICAR-CIFA is pioneer in the development and dissemination of different technologies related to freshwater aquaculture for the empowerment of rural community.

Students List:-

Sl. No.	Name of the Student	Regd . No.
1	Bhagyashree Mallick	140801agr061
2	Diksha Nayak	140801agr067
3	Priyadarshini Choudury	140801agr068
4	Sangeeta Bhuyan	140801agr074
5	Leena rani Mishra	140801agr078
6	TruptimayeeKalta	140801agr085





Dr.Jayalalitha Fisheries University Activity Report

CUTM in collaboration with TNJFU started Biofloc farm. Eminent persons from TNJFU has visited CUTM campuses.

Agency Name: TNJFU

Academic Year: 2018

Total Number of Activities in this academic year: 1

No. of the Students:

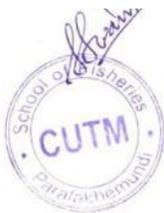
Internship to B.Tech(Ag. Engg.) students

SL.No	Name of the Resource Person	Designation
1.	Dr.A.Panigrahi	Principal Scientist,CIBA, Chennai
2.	Dr.J.K.Sundaray	HOD,Fish Genetics and Biotechnology Division and Principal Scientist, CIFA, Bhubaneswar
3.	Mr. Ajay Kumar Bhoi	Deputy Director of Fisheries Balasore Zone
4.	Mr. Rabi Narayan Pattnaik	District Fisheries Officer, Balasore
5.	Mr.Sambid Swain	Asst Professor, Department of Fisheries, Centurion University

Tour details for Honorable Vice Chancellor TNJFU and his team.

Date	Time	Place	Accommodation	Purpose
26.09.2018	9:30 am	BBSR	-	Arrival at BBSR Airport
	Travelling from BBSR Airport to CIT Campus, Centurion University, BBSR			
	10:30 am	CIT Campus Centurion University BBSR	CIT Guest house, BBSR	Refreshment

	11:00 am	CIT,VC office	-	Meeting with University Officials
	12:30pm	CIT	-	Visiting the CIT Facilities
	01:00 pm-02:00 pm			Lunch
	Travelling from CIT Campus Centurion University to Balasore			
	06:00pm	Reaching Balasore	Panchajanya Hotel	Staying
27.09.2018	Travelling from Balasore to Gram Tarang Center Centurion University, Gopalpur			
	10:00 am-12:00 am	GTC,Gopalpur		Chairing the Inaugural Function
	2:00 pm to 4:30pm	Sahada Balasore		Inaugurating a Biofloc farm and initiating a harvest Mela
	Travelling back to Balasore			
	Staying at Panchajanya Hotel,Balasore			
28.09.2018	11:00-12:00	Balasore		Meeting with State Government Officials
	04.00-5.00	Farms in and around Balsore Sadar Division		Visit to Shrimp Farms in and around Balsore Sadar Division
	Staying at Panchajanya Hotel,Balasore			
29.09.18	Chairing the Valedictory Function at GTC Gopalpur			
	Visit to Kailash Hatchery ,Mayurbhang			
	Back to BBSR			
	Leaving BBSR			





Activity Report

Agency Name: FESTO

Academic Year: 2018

Total Number of Activities in this academic year: 1

No. of the Students: 77

- To impart knowledge to students on fundamentals of hydraulic and pneumatic power and their circuits with industrial applications

- Students will be able to identify various elements used in fluid power systems and will be able to deliver fluid power circuit diagrams
- Students will be able to design and test various control circuits using Fluidsim software
- Students will be able to apply the knowledge in PG program related to thermal field.

Students List:-

SL.NO	NAME	REGD NO
1	PALLAB GOSWAMI	160301160002
2	GOBIND MAHATO	160301160003
3	JASMINE PARIDA	160301160004
4	JYOTI RANJAN DAS	160301160005
5	AMIT KUMAR DAS	160301160008
6	SUMIT GUPTA	160301160009
7	SAQLAIN MUSTAQUE KHAN	160301160012
8	SK SHOAIB AKHTAR	160301160015
9	ANIL KUMAR DHARAI	160301160016
10	DEBADUTTA TRIPATHY	160301160020
11	SAYED ADIL ALI	160301160021
12	TRIDIP SAHU	160301160022

13	MOHAMMAD AZHAR	160301160024
14	ARAJIT RAY	160301160025
15	NIKHIL XALXO	160301160027
16	ADITYA BARJO	160301160030
17	SANGRAM SOURAVA BARIK	160301160035
19	RAJESH KUMAR BISWAL	160301160040
20	PRAMOD KUMAR ROUT	160301160045
21	SOUMYA RANJAN PRADHAN	160301160050
22	RATI RANJAN MISHRA	160301160053
23	SOMESH GACHHAYAT	160301160055
24	D.BHARAT KUMAR	160301160069
25	SOUMYARANJAN OJHA	160301160078
26	AYUSH HATHI	160301160079
27	DEEPTI PRAKASH NAIK	160301160082
28	ASWINI KUMAR	160301160089
29	TANMITTA MISHRA	160301160090
30	BINESH KUMAR SAMAL	160301160091
31	SHUBHAM KUMAR	160301160095
32	NIKHLESH DAS	160301160096
33	VISHAL GAURAV	160301160097
34	PRATIK SATAPATHY	160301160098
35	SAI SANDIPANI PRADHAN	160301160099
36	PRIYABRATA PANDA	160301160100
37	AMIT KUMAR PRADHAN	160301160101
38	BUBUNA PRADHAN	160301160102
39	MD SAFFIN	160301160103
40	ROSHAN KUMAR SINGH	160301160104
41	PRAMOD SAW	160301160105
42	GYANA RANJAN PATRA	160301160106
43	RAKESH KUMAR MAHARANA	160301160108
44	SIBABRATA SAHU	160301160109
45	SAI SARTHAK ROUT	160301160110
46	MD. ADIL HUSSAIN	160301160112
48	ASHUTOSH MOHAPATRA	160301160114
49	JAYANT KUMAR SUTAR	160301160116
50	ASHUTOSH SAMAL	160301160117
51	ASHWAS MOHANTY	160301160118
52	PIYUSH KUMAR	160301160119
53	ARCHISMAN MISHRA	160301161120

54	HRUSHIKESH CHAMPATI	160301161122
55	SUBHAJYOTI DAS	160301161123
56	AKASH MONDAL	160301161124
57	DIPTI RANJAN JENA	160301161125
58	SANJEEV KUMAR BOITI	160301161126
59	SHANKAR KUMAR TUDU	160301161128
60	JYOTIRANJAN SAHOO	160301161129
61	TUSHAR BEHERA	160301161131
62	PRABIR BEHERA	160301161132
64	SOUMYA KANTA PADHI	160301161134
65	RAJESH KUMAR MALLICK	160301161135
66	GOUTTAM PATRA	160301161136
68	SIDHARTH PATTNAIK	160301161138
69	SANDEEP KUMAR SWAIN	160301161139
70	BIKASH KUMAR PRADHAN	160301161140
71	CHITTARANJAN BALIARSINGH	160301161141
73	ARVIND KUMAR	160301161144
74	SOUMYA RANJAN SAHOO	160301161145
75	ASHWANI KUMAR SINGH	160301161147
76	ASHISH KUMAR MAHANTA	160301161127
77	KAUSHAL KUMAR MAHATO	160301161146





ICAR-CIWA Activity Report

Agency Name: ICAR-CIWA

Academic Year: 2018

Total Number of Activities in this academic year: 1

No. of the Students: 2

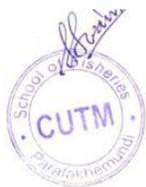
Internship to B.Fsc. students

Centurion University of Technology & Management(CUTM), the first multi sector State University of Odisha, was established through an act of State Legislative Assembly in 2010. Currently about 100 Students are Pursuing their career in B.F.Sc.

As per the regulation of ICAR 5th Dean Committee Syllabus, all B.F.Sc, students have to undergo training/internship/Apprenticeship training Programme in Government/Private organizations.

“ICAR - Central Institute for Women in Agriculture” is pioneer in the dissemination of different technologies related to gender mainstreaming and women empowerment in agriculture and allied sectors to realize enhanced productivity and sustainability of agriculture in the eastern region of country.

ICAR-CIWA also promotes gender sensitive decision making for enhancing efficiency and effectiveness of women in agriculture. Two student of B.F.Sc from School of Fisheries, Centurion University of Technology and Management (Mr.Bigyanmihir Rout & Mr. Soumya Ranjan Dutta) are interested to learn and acquire knowledge on Fish processing technology for a duration of 10 weeks which will be helpful for their understanding of the subject





Kailash Hatcheries Activity Report

Agency Name: Kailash Hatcheries

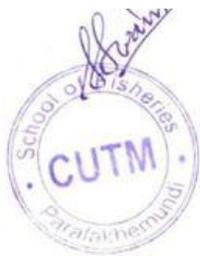
Academic Year: 2018

Total Number of Activities in this academic year: 1

Activity : Exposure visit for Faculty and Students

Kailash Hatcheries one of the Best hatchery awarded by GoI in Mayurbhanj district of Odisha. This activity is a practical exposure visit for School of Fisheries students. Dr. A.S. Mohanty, HoD of School of Fisheries accompanied with students.

Glimpses of the Student practical exposure visit:-





Nemhans Activity Report

Agency Name: NEMHANS Solutions Pvt. Ltd.

Academic Year: 2018

Total Number of Activities in this academic year: 1

No. of the Students: 26

21 Students had been selected by NEMHANS Solutions Pvt. Ltd. As RF Engineer from Communication System Domain through Internship.

Students List:-

SL NO	Students Name	Regd No.
1	140301ECR032	Ranjit Khuntia
2	140301ECR034	Satyajit Behera
3	140301ECR038	Kiran Kumar Das
4	140301ECR039	Aniket Panda
5	140301ECR042	Manas Kumar Roul
6	140301ECR046	Amllesh Kumar
7	140301ECR049	Amit Kumar Parida
8	140301ECR057	Sabyasachi Panda
9	140301ECR058	Enakshi Kamilla
10	140301ECR060	Shaik Saukat Alli
11	140301ECR065	Sandeep Singh
12	140301ECR066	Subhasmita Das
13	140301ECR068	Chinmaya Ku Pradhan
14	140301ECR069	Priti Mahato
15	140301ECR074	Monalisha Hansda
16	140301ECL077	Sarbajit Patanaik
17	140301ECL079	Rupan Das
18	140301ECL080	Sanjoy Debnath

19	140101ECR004	Pinninti Kranti
20	140101ECR008	Ankita Mallick
21	140101ECR017	S.Divya
22	140101ECR018	Nayan Mishra
23	140101ECR020	K.Yogeswar Rao
24	140101ECR022	G.V.Ramana
25	140101ECR038	M.Radha
26	140101ECR044	D.Likhita





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SELCO Activity Report

Agency Name: SELCO

Academic Year: 2018

Total Number of Activities in this academic year: 1

No. of the Students: 40

- To gain the knowledge on different types of materials used in Renewable Energy.
- To understand the importance of Renewable Energy technology and its applications.
- To know the applications of solar thermal technology.
- To become expert in Entrepreneurship.

Students List:-

Sr.	Student	Roll No
1	SUMIT KUMAR	190301160001
2	TUSHAR KANTA PRADHAN	190301160002
3	SAMRESH MAHTO	190301160003

4	RAUNAK KUMAR	190301160004
5	SOMNATH KUMAR	190301160005
6	SOUMYA RANJAN RANA	190301160006
7	SARAS RAM DASH	190301160007
9	LABA KUMAR	190301160009
12	PRADYUMNA KUMAR DAS	190301160012
13	TASLEEM KHAN	190301160013
14	SWAYAM SUBHAJEET	190301160014
17	AAMIR SOHAIL	190301160017
18	ARRKADITYA NAYAK	190301160018
21	MD ASIF JAMAL	190301160021
23	SHAKTI KUMAR NAYAK	190301161022

26	MADHAV SHASWAT MISHRA	190301161026
27	SUBRAT KUMAR PRADHAN	190301161027
29	TAMALASHYAMA DASHADHIKARI	190301161029
31	ABHIJEET ROUT	0200316L5931
32	SANDEEP KUMAR MOHANTY	0200316L5932
33	SHARAD KUMAR URMA	0200316L5933
34	SHASHWAT SAURAV NANDY	0200316L5934
35	SUBHAJIT NANDY	0200316L5935
36	SURAJ KUMAR	0200316L5936
40	DIBYAJYOTI DAS	0200316L5940





Tessolve Activity Report

CUTM in collaboration with Tessolve conducted internship program on VLSI verification. Students of Department of Electronics & Communication Engineering attended the internship and project work on VLSI verification and successfully completed.

Agency Name: Tessolve Semiconductor Pvt.Ltd.

Academic Year: 2018

Total Number of Activities in this academic year: 1

No. of the Students: 13

Students List:-

1	150101130001	VIJAY GANESH SIVAKALA
2	150101130003	MUDDADA NARAYANA RAO
3	150101130008	VOONA DINESH
4	150101130010	KHADANGALU KUMAR
5	150101130011	PRADEEP KUMAR PATNAIK
6	150101130014	SRINIVAS PADALA
7	150101130017	JAMI RAVI KUMAR
8	150101130018	PADHI SAIKIRAN
9	150101130020	KISHORE ATHAPAKALA
10	150101130021	SIVA KUMAR SOBHANAPURAM
11	150101130022	SUNIL KUMAR PADHI
12	150101130024	DABBURI SAROJ PATNAIK
13	150101130038	DILEEP KUMAR GORLI

Sample Certificate of successful completion of Internship





INTERNSHIP COMPLETION CERTIFICATE

Date: 31st March 2018

This is to certify that **Bhanupriya Pradhan** bearing Registration Number #140301ECR051 bonafide student of Department of Electronics & Communication Engineering of Centurion University of Technology & Management has undergone **internship and project work on VLSI Verification** From 1st January 2018 to 31st March 2018.

Wishing you all the best in your future endeavours

A handwritten signature in black ink, appearing to read 'Umesh Ma', written over a horizontal line.

Authorised Signatory



TESSOLVE SEMICONDUCTOR PVT. LTD.

#215/231, 2nd Floor, New OCAC Towers, Gajapati Nagar, Achrya Vihar, Bhubaneswar- 751012 INDIA

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3.7.1 - Activity Summary Sheet

School/Department Name: SOET//CSE

Academic Year: 2018

Total Number of Activities in this academic year: 2

Total Number of functional MoUs in this academic year: 2

Individual Activity Summary Sheet

Name of the Activity: Training for students on C/C++/Java

Name of the Collaborating Agency: CodeTantra Tech Solutions Pvt. Ltd. Kukatpally, Hyderabad

Number of Activities under this MoU: 1

Year of the Activity: 2018

Duration of Activity:

Duration of MoU: 10-07-2018 To 09-07-2019

No. of Students Participated: 2nd yr/3rd yr/4th yr students – Total 240 students

No. of Faculty Participated: NIL

Brief description about the activity:

Customized Training Program' for CodeTantra - one programming language course i.e. C/C++/Java or Python, for all other course like Selenium and Big Data with Hadoop, they need to pay.

- 2nd and 3rd year students to register for the programming course that they are currently studying

- If 2nd and 3rd year students are not studying any programming course at present, then they can chose a programming course they want to practice and develop depth

- 4th year students can chose the programming course they want to practice and develop depth





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Activity Report

CUTM in collaboration with E-fresh Pvt. Ltd and SAVE foundation conducted two month internship for School of Agriculture and Management students of CUTM. This internship program is guided by SAVE fondation. This is activity is planned as per the MoU between E-fresh, SAVE foundation and CUTM. Few students are selected by SAVE foundation for the internship.

Duration: 2 Month

Resource person : Kameswar rao

Activity: Internship at SAVE foundation

 **Mendu** <mendu@savefoundation.in> Fri, Jul 17, 2020, 12:38 PM ☆ ↶ ⋮
to Rajat, Mahendar, me, Kavya ▾

🗨 English ▾ > Burmese ▾ [Translate message](#) [Turn off for: English](#) x

Dear Dr. Kameswar Rao Garu,

Glad to have several resumes from interested candidates from CUTM for internships with SAVe Foundation in ODISHA and ANDHRA PRADESH states. We shall go through the profiles and do the screening process and schedule brief interactions with shortlisted candidates for Internship Offers finalization. This we expect to be completed by tomorrow latest.

Best Regards,
Mendu

Mendu Srinivasulu
Founder & Director
Social Advancement Ventures Foundation
Hyderabad, India
+91-9949390111
www.savefoundation.in


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Activity Report

Name of the Organization – ICD International Business School

Duration of MoU – 06.06.2017 to 06.06.2022

Nature of the Activity: Academic development and Student Exchange

Name of the Students:

Sunthareswaran Johan

Manhes Jeacham


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Fwd: Progress Report - Watershed Development Projects

Inbox



Vishal Kumar Singh

Thu, Jan 28, 10:35 PM
(10 hours ago)

to me

----- Forwarded message -----

From: **Vishal Kumar Singh** <vishu@cutm.ac.in>

Date: Sun, Jul 10, 2016, 20:34

Subject: Progress Report - Watershed Development Projects

To: deanadmin.soa <deanadmin.soa@cutm.ac.in>

Cc: Ashish Modi <ashishmodi@cutm.ac.in>, maporissa <maporissa@yahoo.com>,

Laxmidhar Swain <laxmidhar@cutm.ac.in>, Laxmidhar Swain

<laxmidhar.swain@gmail.com>, DEPUTY REGISTRAR

<deputyregistrar@cutm.ac.in>, CHITRASENA PADHY

<chitrasenapadhy@cutm.ac.in>, <writurajkaushik@cutm.ac.in>,

<watershed_development@cutm.ac.in>, KALPATARU DAS

<120101cel062@cutm.ac.in>, TAPASI Parida <120301cer084@cutm.ac.in>,

Manisha takri <manishatakri016@gmail.com>, idebajanipanda

<idebajanipanda@hotmail.com>, manaswinee <manaswinee@cutm.ac.in>, Prof DN

Rao <[dn Rao@cutm.ac.in](mailto:dnr Rao@cutm.ac.in)>

Dear sir

as per the time frame of the project; we have finished Level -1 activity completely and 90% of level-2. We have also done few work in level-3.

All the executed work are described below:-

Overall Progress

Level-1(Ridge Treatment): Construction work of Loose Boulder Check Dams is completed. We have constructed seven check dams which is to drain off all rain water in percolation tanks.

Level-2: Excavation of percolation tanks is completed. We have excavated four percolation tank according to respective catchment area which will store enough water. The main purpose is to percolate water in the earth zone for the improvement of water table.

Level-3: Construction of staggered trench is completed. We have done staggered trench in 5 acre near tribal village. We have also done land bonding in 5 acre.

Monitoring and evaluation:

Project is being monitored by Prof. S. K Das. My self and Ashish is being involved in implementation of indeed plans. Newly joined students are supervising the on going work. All the materials, workers and equipment are being provided by Mr. Buji,

Mr. Teja and Mr. Santosh. We receive continues support from Deputy Registrar, You and Prof. LDS. Where as few work has been done by contractor.

Budget and Expenses:-

In the last meeting it had resolved by Prof. DN Rao the budget of the project will be upto 15 lakh for phase-1.

The total experience of project including transportation till today is **5,85,995 INR.** whereas transportation work was not added in the budget of the project; therefore expenses for project work is **2,92,995 INR** and for transportation of soil is **2,93,000 INR.** I have attached here Expense book and all invoice for reference purpose.

Still few payments are in pending, which will be added in the expense book at later.

New Action Plans

It has resolved in the meeting with Prof Das for excavation of another PT beside PT-3. Also there will be three dug well in the down portion. Trufing and dressing of all percolation tanks will be the next assignment; B.tech agriculture students will be assigned to supervise turfing and dressing. Each group will be alerted one PT.

In Level-3 we have Contour trenches, Jaldhar Model, 5% Model, Sub-Surface Cutoff, Land Bonding and Dug well which has to be planned in the next visit of Prof. Das.

I have attached few photographs of on going project work, please have a look.

Thank You.

Sincerely

Vishal Kumar Singh

GIS Expert and Project Executive

M.S. Swaminathan School of Agriculture,

CUTM, Paralakhemundii, Odisha-761211

Email: spaceimage@outlook.com , vishu@cutm.ac.in

Mob: [09472875448](tel:09472875448)



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CUTM, Paralakhemundi



Unity Activity Report

Agency Name: Unity Technologies

Academic Year: 2017

Total Number of Activities in this academic year: 1

No of Students: 26 students

Joint Skill Program for faculty and students

- Advanced C programming
- ARM7 Core Architecture Programming & Cortex M
- Automotive-AUTOSAR & CAN Protocols
- Oups C++
- Device Driver
- Brush up session on System Programming

sl. No	Reg. No.	Name of student
1	140301ECL081	RAM CHANDRA SOREN
2	140301ECR002	KHUSHBOO KUMARI
3	140301ECR003	SHALINI CHAUHAN
4	140301ECR004	UJWAL KUMAR SINGH
5	140301ECR011	NEHA RANJAN
6	140301ECR012	SOUMYA SOURAV BEHERA
7	140301ECR013	AYASHKANT SWAIN
8	140301ECR015	VIJAY KUMAR
9	140301ECR017	T. SUNIL KUMAR
10	140301ECR019	IBRAR ALAM
11	140301ECR020	NEHA MAJI
12	140301ECR021	MOHIT PANDEY
13	140301ECR023	SUBHAM MOHANTA

14	140301ECR024	SNIGDHA MADHUSMITA NATH
15	140301ECR028	SNEHASISH GHOSH
16	140301ECR030	NIKITA NANDA
17	140301ECR031	M.JAI KIRAN
18	140301ECR033	LATASHREE DAS
19	140301ECR035	RAVI MAHALI
20	140301ECR040	KRISHNA KRANTI SWAIN
21	140301ECR047	RENU KUMARI
22	140301ECR048	KUMAR KISHAN SINGH
23	140301ECR056	SUBHAM KUMAR CHAWDA
24	140301ECR061	ADITYA BISOYI
25	140301EEL047	PROSENJIT GHOSH
26	140301EER004	PRIYABRATA MALLICK BURMA
27	140301EER023	KUMKUM BARIK
28	140301EER034	NIGAR FATMA
29	140301EER035	PRIYANKA SENAPATI
30	140301EER039	YASMIN BEGAM
31	140301EER040	SUSHREE SUCHARITA PANDA
32	140301ELR016	KSHIROD KUMAR NAYAK
33		Raju
34		G. Sridhar



Information Sheet

The following students have visited from TAFE NSW, Australia during the period of Nov to Dec 2017 and worked under the guidance of Centurion University Technology and Management, Bhubaneswar, Odisha.

Name of Research fellow –

1. David Hicks
2. Julianne Rose
3. Kelly Rodwell
4. Lucinda Hyder
5. Scott Dorin
6. Bryan Theobald
7. Chloe Hrbert
8. Cassandra Spears
9. Damien Little
10. Sharen Campbell

Year of enrolment -2017

Duration of fellowship -15 days

Type of the fellowship –Diploma in community services

Granting agency –Australian Grant

Qualifying exam if any (NET, GATE, etc.) -NA

Choose any one (JRFs /SRFs / Post Doctoral / Research / Other Research) – TAFE NSW, Australia.



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Activity Report

Centurion University (CUTM) in collaboration with Silicon Tech Lab (STL) conducted internship activity for the students of CUTM in STL premises.

The following 10 students interned with STL in Academic Analytics for one year period and worked under the guidance of STL & Centurion University Technology and Management, Bhubaneswar, Odisha.

The students are awarded with Certificates from STL after successful completion of the internship and submission of their individual project reports.

Name of Interns –

1	Swati Bhuyan
2	Gajapati Amit Kumar Dash
3	Somspandan
4	Deepak Kuma Padhi
5	Subrat Kumar Tripathy
6	Subhasmita Pradhan
7	Umesh Kumar Pradhan
8	Sovan Das
9	Mrityunjaya Mishra
10	Ritusmita Singh

Duration of fellowship -1 year

Type of the fellowship–Internship for Academic development





AMT Motor Corp Individual Activity Summary Sheet

Name of the Activity:

1. Joint Project

Name of the Collaborating Agency: AMT Moto Corp

Number of Activities under this MoU:1

Year of the Activity: 2017

Duration of Activity: ___26-12-2017 to 30-12-2017_____

Duration of MoU: 26.9.2017 to 25.09.2018

No. of Students Participated: 250

No. of Faculty Participated: 0

Brief description of the activity:

Electric Bike Racing Challenge-2017 (EBRC-17). A National level E Bike Racing Championship in Collaboration with AMT Moto Corp. This competition is an Eco Friendly venture based upon Engineering design and manufacturing of Electric bike completely by the students. The main aim of the event is to generate interest for the student in the field of eco-bikes and to bring a new revolution in the field of biking which can be commercialized as a usable product for the future generation. Besides the comprehensive knowledge of manufacturing and fabricating a single seated DC motor driven vehicle to manoeuvre on all types of terrains the E-bike Racing Challenge has a chance for participants to win cash prize up to 2.10 lakhs. A total of 11 Electric Bikes are going to be part of this mega event from different states with 250 students as participants.

Out comes of the programme:

1.Future Learning Award :

**i.TESLA (Visvesvaraya National Institute of Technology,
Nagpur, Maharashtra)**

**ii.MANNECTRIC V2.0 (Panimalar Institute of
Technology,Chennai, Tamilnadu)**

2.Publicity Award :

**CREATIVE CRANKERS (Velammal Institute of Technology, Chennai,
Tamilnadu)**

3.BEST B-PLAN:

BLIZZARDS (Lovely Professional University,Phagwara, Punjab)

4.Best Brake and Acceleration:

**KNIGHT OF CAHCET (C. Abdul Hakeem College of Engineering and
Technology, Vellore, Tamilnadu)**

5.Best Autocross:

**STALLIONS (Centurion University of Technology and Management,
Paralakhemundi)**

6.Best Innovation:

**KNIGHT OF CAHCET (C. Abdul Hakeem College of Engineering and
Technology, Vellore, Tamilnadu)**

7.Best Design:

**STALLIONS (Centurion University of Technology and Management,
Paralakhemundi)**

8.Best Endurance:

**STALLIONS (Centurion University of Technology and Management,
Paralakhemundi)**

9.Runner-Up:

**KNIGHT OF CAHCET (C. Abdul Hakeem College of Engineering and
Technology, Vellore, Tamilnadu)**

10.Overall Winner:

**STALLIONS (Centurion University of Technology and Management,
Paralakhemundi)**



AMT MotoCorp



Presents

E-Bike Racing Challenge 2017

BUILD AN ELECTRIC BIKE

28th-30th Dec.
2017

About EBRC

Electric Bike Racing challenge is going to be organised by AMT MotoCorp and this is the 3rd session of the event. This competition is an eco-friendly based upon engineering design and manufacturing of Electric Bike completely by the Students. The main aim of the event is to generate the interest of the student in the field of Biking which can be a usable product of future generation. The bike will be a single-seated vehicle powered by DC power source which can run efficiently on the road.

Award Category

- => The E-Bike Racing Championship
- => Runner Up
- => Best Report Winner
- => Best Innovation Award
- => Best Design Award
- => Best AutoCross
- => Best Acceleration & Braking
- => Best B-Plan and many more.



Our Partner :

 **Registration Open**



YIGNIS WERKE

 ebrc.amtmotocorp.com

 +91-9977322244
+91-9653153989

 Dynamic Venue: Centurion University
Odisha

You're Invited!

Dear Sir/Madam,
We cordially invite you to the



E-BIKE RACING CHALLENGE 2017
28th to 30th Dec. 2017

By:
CENTURION UNIVERSITY,
Paralakhemundi Odisha
In collaboration with
AMT MOTOCORP,
MADHYA PRADESH



Minute to Minute SCHEDULE

Innuguration Ceremony (28th Dec. 2017)

S.NO.	PERFORMANCE	TIMING
1.	Line up of the teams	9-9:30am
2.	Welcome note and introduction of the teams	9:30-10 am
3.	Inauguration of the event by the chief guest	10-10:15am
4.	Address by the chief guest	10:15-10:30am
5.	Team Introduction	10:30-11am
6.	Vote of thanks	11-11:05am

Technical Event (29th Dec. 2017)

Closing Ceremony (30th Dec. 2017)

S.NO.	PERFORMANCE	TIMING
1.	Endurance Race	11-1 pm
2.	Arrival of the teams to the stage	1:30-2:30 pm
3.	Welcome of the teams to the ceremony	2:30-2:45pm
4.	Cultural showcase	2:45- 4pm
5.	Arrival of the cheif guest	4-4:05pm
6.	Prize Distribution	4:05-5:05pm
7.	Vote of Thanks	5:05-5:15pm

Venue: Centurion University,
Paralakhemundi



Centurion University of Technology and Management
Paralakhemundi, Odisha

IN COLLABORATION WITH
AMT MOTO CORP, MADHYA PRADESH

DECEMBER 28th TO 30th

ELECTRIC BIKE RACING CHALLENGE

Sponsors



SURYA HALLMARK
GOLD SILVER GEMS
COLLEGE ROAD, PARALAKHEMUNDI 06815-224888

RACING TOWARDS BRIGHT FUTURE










National Engineering Activity Summary Sheet

Name of the Activity:

1. Joint Skill Program

Name of the Collaborating Agency: National Engineering, VSKP

Number of Activities under this MoU: 1

Year of the Activity: 2017

Duration of Activity: _____5th -8th Sept 2017_____

Duration of MoU: 23.03.2017 to 30.06.2019

No. of Students Participated: 50

No. of Faculty Participated: 15

Brief description of the activity: (if any)

Students able to learn:

- Know about the difference between Refrigeration and Air-Conditioning.
- Identify different components used in Refrigeration and Air-Conditioning, their functions, and interior design & construction.
- Know about different types of compressors, expansion valves, condensers, and evaporators used in Refrigeration and Air-Conditioning
- Know about different types of Refrigerants, Comfort air-conditioning, and Psychrometric
- Perform heat load calculation of a room.





Dassault (Ennovia) Activity Report

Agency Name: Dassault Systems

Academic Year: 2017

Total Number of Activities in this academic year: 1

No. of the Students: 32

Faculties: 3

Ennovia Customization Training

- PEER LEARNING EXPERIENCE - For 3DEXPERIENCE courses
- COMPANION LEARNING SPACE - For Courses for legacy solutions (CATIA V5, ABAQUS etc).

Students List:-

S.No	Register no	Name
1	150101120001	PALAKA BIKASH KUMAR
2	150101120002	SANAPALA CHANDANA
3	150101120003	Patnaik Sekhar Mohanathi Tarun Kumar
4	150101120004	SOWMYA AVASARALA SRI SWATHI
5	150101120005	LANDA SANTOSH BHARGAV
6	150101120006	TIRUMARADDY SRIKANTH
7	150101120007	TRIPATHY SUBHASHMITA
8	150101120008	RAITA DOMBE
9	150101120009	paidisetty Priyanka
10	150101120010	BHUSHAN ARCHANA
11	150101120011	PRASAD VISHAL

12	150101120012	PATRO AKANKSHYA
13	150101120015	LOLLA MANASA
14	150101120016	NAYAK ANKITA
15	150101120017	MAHAPATRO SAMEER
16	150101120022	MOHANTY DEBASISH
17	150101120023	SUDHEER BURAGAPU
18	150101120024	PATNAIK BHARGAVI
19	150101120025	KUMARI SHAMBHAVI
20	150101120026	KUMAR SHUBHAM
21	150101120027	CHAUDHARY SRIRAM
22	150101120033	SAHU SONALIN
23	150101120034	MISHRA SOUMYA RANJAN
24	150101120035	kumari Kanchan
25	150101120036	BEHERA MONALISHA
26	150101120041	KARADA SRIKANTH KUMAR
27	150101120042	SINGH KAJAL KUMARI
28	150101120043	NAYAK HIMANSU SEKHAR
29	150101120044	PATRO KISHAN KUMAR
30	150101120045	BENERJEE KARUMURI RAHUL
31	150101120047	BEHERA SOUMYA RANJAN
32	160101120006	ANDAVARAPU SAI SUPRIYA
33	160101120007	KOMMURU BHAVANA
34	160101120008	AMARENDRA PRATAP DUTTA
35	160101120009	GAJJANA KIRAN
36	160101120010	ASHUTOSH MAHAPATRA
37	160101120016	ABHISHEK PATNAIK
38	160101120017	YARABATI PUJA
39	160101120018	KILLAMSETTY SUKESH
40	160101120019	KSHITIJ KUMAR SHUKLA
41	160101120028	MADDI SRINIVASA RAO
42	160101120029	SAI KRISHNA KOTLA
43	160101120030	VENKATESH RAMAVALASA
44	160101120031	MANOJ KUMAR PATRO
45	160101120038	MURIPINTI SHIREESHA
46	160101120039	SONALI RATH
47	160101120040	SUNEELA SASANAPURI
48	160101120042	PRATYUSH RANJAN PADHY
49	160101120043	MANOJ KUMAR ALU
50	160101120044	PRAVALIKA VAKA

51	160101120045	AMIT KUMAR PANDA
52	160101120055	PRIYANKA PANDA
53	160101120056	SUBHASIS TRIPATHY
54	160101120057	SAI APOORVA PAILA
55	160101120059	LAVANYA GELLANKA
56	160101120060	DILIP SAHUKAR
57	160101120061	BURLE CHARANYA
58	160101120070	KOTA CHANDRIKA
59	160101120071	KEMBURI JAGADEESH NAIDU
60	160101120073	SWAROOPA BOINA
61	160101120075	PRIYANKA LIMA
62	160101120076	SUVARNA LATHA PUPPALU
63	160101120077	SUBHAM KUMAR DAS
64	160101120078	GANESH SAI KAUSHIK
65	160101120079	SWAPNA DANDU
66	160101120082	SRIKEERTHI SASANAPURI
67	160101120083	ABHISHEK MANGARAJ
68	160101120084	GAYATHRI GANNAVARAPU
69	160101120085	SAMARJEET KUMAR DEO
70	160101120087	PRIYANKA RANASINGH
71	160101120088	SATISH KUMAR PATRA
72	160101120089	SUCHITRA GAMANGO







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Harsha Trust Activity Report

CUTM in collaboration with Harsha Trust conducted four month In-plant training for School of Agriculture and Management students of CUTM. This training program is guided by Mr. B.B.Mishra of Harsha Trust. This activity is planned as per the MoU Harsha Trust and CUTM. Few students are selected by Harsha Trust for the training program.

Duration: 4 Month

Resource person : B.B. Mishra

Activity: In-plant training program at Harsha trust


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CUTM, Odisha



Internship Confirmation Letter

Letter: HT/BBSR/intern/KM/03/2018

Date: 10/07/2018

To

The Deputy Registrar, T & P

Centurion University,

Paralakhemundi,

Ganjam

Sub: Allocation of Unit to be trained under In- plant Training
(Mr. Taradutta Nayak; Regd. no150101170008)

Dear Sir,

With reference to your letter : NoB7 / CUTM / T &P / 2018; we are allocating **Mr. Taradutta Nayak** to be based at Kosagumuda for the in-plant training programme with a span of 120 days . He can proceed to Kosagumuda on 16th July 2018. He would be able to participate in the Livelihood implementation programmes of the said unit. During the internship period he will report to **Mr. Bhabanishankar Bhatta Mishra (Team Leader)** . He has to wind up his learning programme on or before 15th October 2018. During this period he may have to travel to other units as per his learning needs.

Organisation will not be liable for any of TA/DA claims to him during the period of his stay.

Thanking you for your cooperation

Dr. Kallul Bora Executive Director

Executive Director

