

ANNUAL REPORT

2021-22

Board of Governors

Sl. No.	Name	Designation
1	His Excellency Prof. Ganeshi Lal Hon'ble Governor of Odisha	Visitor
2	Prof. Mukti Kanta Mishra, President, CUTM	Chairman
3	Prof. D. N. Rao, Vice President, CUTM	Member
4	Prof. Supriya Pattanayak, Vice Chancellor, CUTM	Member
5	Shri Saswat Kumar Mishra, IAS	Ex Officio Member- Govt. of Odisha
6	Prof. Sudhakar Panda	Nominee- Govt. of Odisha
7	Prof. Omkar Nath Mohanty	Nominee- Govt. of Odisha
8	Dr. Mary Bage	Nominee- Govt. of Odisha
9	Shri. PNSV Narsimham	Trust Nominee
10	Dr. Mohan Kanda, IAS (Rtd.)	Trust Nominee
11	Shri. Aditya Sapru	President Nominee
12	Dr. C.R. Rao	Trust Nominee
13	Prof. Anita Patra, Registrar, CUTM	Ex Officio Member Secretary

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List of Abbreviations

APSSDC - Andhra Pradesh State Skill Development Corporation	DDUGKY - Deen Dayal Upadhyaya Grameen Kaushalya Yojana	IIW - International Institute of Welding
APEDA - Agricultural and Processed Food Products Export Development Authority	FDP - Faculty Development Programme	
BAIF - Bharatiya Agro Industries Foundation	GTIDS - Gram Tarang Inclusive Development Services	ICMSEA - International Conference on Materials Science and Engineering Application
BCKV - Bidhan Chandra Krishi Viswavidyalaya	GTETS - Gram Tarang Employability Training Services	LMSC - Last Mile Supply Company
BEML - Bharat Earth Movers Ltd	GTF - Gram Tarang Foods	MoU - Memorandum of Understanding
BITS - Birla Institute of Technology and Science	HPCL - Hindustan Petroleum Corporation Ltd	MSSSoA - M.S. Swaminathan School of Agriculture
CCD - Café Coffee Day	HAL - Hindustan Aeronautics Ltd	MCSP - Maternal and Child Survival Program
CTTC - Central Tool room & Training Centre	IFFCO - Indian Farmers Fertiliser Cooperative	NALCO - National Aluminium Corporation Ltd
CAD/CAM - Computer Aided Design/Manufacturing	IGKV - Indira Gandhi Krishi Vishwavidyalaya	NBFC - Non Banking Finance Company
CUCREE - Centurion University Centre for Renewable Energy & Environment	IKS - Institute of Knowledge Society	NSIC - National Small Industries Corporation
CSR - Corporate Social Responsibility	IJCR - International Journal of Current Research	NCC - National Cadet Corp
CUTM - Centurion University of Technology & Management	IEEE - Institute of Electrical and Electronics Engineer	NSDC - National Skill Development Corporation
CIPET - Central Institute of Plastics Engineering & Technology	IOSR - International Organization of Scientific Research	NSS - National Service Scheme

OPHC- Odisha Police Housing Corporation

OPTCL- Odisha Power Transmission Corporation Ltd

PGCIL- Power Grid Corporation of India Ltd

PMKVY- Pradhan Mantri Kausal Vikas Yojana

REC- Rural Electrification Corporation

RB- Ratnakar Bank

SoM- School of Management

SoPAHS- School of Paramedics & Allied Health Sciences

SoPLS- School of Pharmacy & Life Sciences

SoVET- School of Vocational Education & Training

SBI- State Bank of India

SoAS- School of Applied Sciences

SoET- School of Engineering & Technology

STADPRO- Structural Analysis And Designing Program

SAIL- Steel Authority of India Ltd

SIET- Shambhunath Institute of Engineering and Technology

UMBC- Urban Micro Business Centre

UNESCO- The United Nations Educational, Scientific and Cultural Organization

UGC- University Grants Commission

VSSUT- Veer Surendra Sai University of Technology

WISTA- Work Integrated Skill Training and Apprenticeship

XIMB- Xavier Institute of Management

YRC- Youth Red Cross



VC's Note



As the Vice Chancellor of Centurion University of Technology & Management (CUTM), Odisha, I am privileged to present the Annual Report, covering the period from April 2021 to March 2022. In line with the University's motto of "*Shaping Lives and Empowering Communities*", we strived relentlessly to foster our long-term commitment towards nation building with an unflinching adherence to universal human values.

Centurion University, I would like to share the trajectory of the University. At the outset, I would like to affirm Centurion Universities commitment to the United Nations Sustainable Development Goals 2030 and the National Education Policy 2020. Centurion University serves students, mainly, from Odisha and neighbouring states like Jharkhand, Bihar, West Bengal and Andhra Pradesh through its four campuses located at Paralakhemundi, Bhubaneswar, Rayagada and Bolangir. Focused on tribal, under-privileged and rural areas, the aim is to empower students with quality education for their employability and selfreliance, thereby contributing to reducing inequality in society.

The degree, diploma and certificate courses of the University are designed to educate students about developing sustainable solutions to real life problems for a better future. The classroom teaching is augmented by the hands-on, relevant field work. At present, we offer 32 Certificate courses, 12 Diploma courses, 85 Skill courses, 73 under-graduate courses, 55 post-graduate courses and Doctoral program through 11 schools. Due to innovative curriculum, the Centurion University received the Outlook-ICare Ranking of 15. Our university has been successful in getting two Atal FDPs: Computational Fluid Dynamics and another in the area of Additive Manufacturing. This year also our faculty were successful in securing two SERB projects from Department of Science and Technology and one from Department of Biotechnology. In four constituent campuses across Odisha, at Paralakhemundi, Bhubaneswar, Rayagada and Bolangir with a student strength of 8630 by end of 2021.

We believe in inclusiveness of population from all sectors. Thus, the under privileged students are supported through various scholarships. Few new courses are developed to train and empower the disadvantaged communities from remote tribal areas, which in turn facilitate the basic health care to the population living in remote areas. The farmers' training is organized to educate them about new, affordable and sustainable pathways of agriculture and aquaculture, which leads to self-reliance and economic upliftment of farmers. We have extended the affordable health care services to the local community through a newly established Community Diagnostic Centre. Massive COVID vaccination drive was also carried out. Our sports facilities are also open to local community around us such that they can protect their health and well-being. To achieve the intended objectives, the Centurion University established partnership and collaboration with various international universities, especially Australian Universities, national government, state governments, industries, research and development entities, non-governmental organizations and local communities. At present, 81 MoUs are active and are regularly reviewed. During the past year, the University signed MoUs with 27 institutions.

I am sure with a solid foundation in place we are better prepared to meet the expectations of different stakeholders.

Prof. Supriya Pattanayak

1. Overview

Centurion University, in its nine plus years of existence, with UGC 12B status and NAAC A grade offers Certificate, Diploma, Under-graduate, Post-graduate and Doctoral programs through Schools of Agriculture, Applied Sciences, Engineering and Technology, Media and Communication, Paramedics and Allied Health Sciences, Pharmacy and Life Sciences, Forensic Sciences, Agriculture and Bio Engineering, Disaster Management, Fisheries, and Vocational Education and Training located in six different campuses across Odisha, at Parlakhemundi, Bhubaneswar, Balangir, Rayagada, Chatrapur and Gopalpur. It has more than 6000 students in graduate and postgraduate programs and over 15000 students in vocational programs. It has residential facility for 80% students and 50% faculty and staff. The University has well equipped learning laboratories, workshops, library, sports and health facilities.

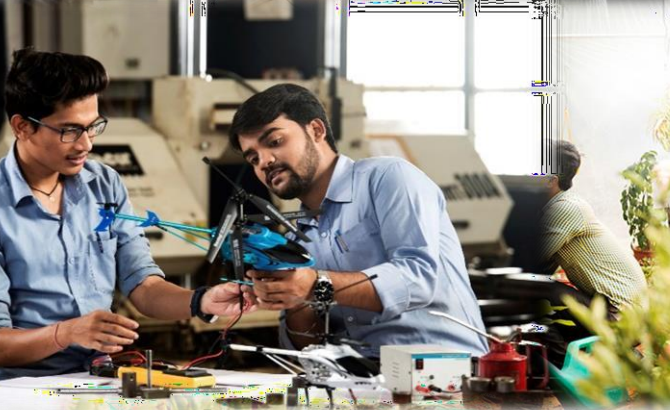
Since the school education in the region was and still is of poor quality and there were large scale school dropouts, it became the first partner of National Skill Development Corporation (NSDC), Government of India, with a focus on Skills Development and Livelihood linked Education. Under the Innovation Agriculture project of NSDC, Centurion University is working in 9 districts of tribal dominated South Odisha and 3 districts of North Coastal AP. As of now Centurion has trained 2725 farmers and 124 Community Resource Persons. Project Atal which envisions doubling of farmers income by training and certification of 1,00,000 small and marginal farmers in 200 blocks of Odisha has covered 70,000 farmers as on date. Centurion University and LMDC provides end to end support to farmers for producing RNR (15048) controlled sugar variety of rice for doubling their income. o. Centurion University along with Gram Tarang has made an agreement with SEEDAP to train 3000 farmers in Srikakulam, Vizianagram and Vishakapatnam. It has covered 900 farmers as on date.

The University is organized in the form of Schools, such as M S Swaminathan School of Agriculture (MSSSoA), School of Applied Sciences (SoAS), School of Engineering and Technology (SoET), School of Management (SoM), School of Vocational Education & Training (SoVET), School of Pharmacy and Life Sciences (SoPLS), School of Media & Communication (SoMC), School of Paramedics & Allied Health Sciences (SoPAHS), Institute of Knowledge Society (IKS), and the Centurion University Centre for Renewable Energy and Environment (CUCREE).

CUTM believes in dynamic engagement with its stake holders and communities at large. To achieve this purpose, the University has incubated many social enterprises, social entrepreneurs, and outreach entities under the umbrella of Gram Tarang. Its incubated organizations work in the area of skills, financial inclusion, urban micro-business services, entrepreneurship, tribal development, food processing and agriculture. It includes Gram Tarang Employability Training Services (GTETS), Gram Tarang Inclusive Development Services (GTIDS), and Gram Tarang Foods (GTF), Urban Micro-Business Centre (UMBC), Last Mile Supply Company (LMSC) and Ratnakar Bank (RB). GTETS, GTIDS, GTF and LMSC are registered as for-profit private company under Company Act. UMBC and LMSC are registered as Section 8, not-for-profit Company. RB is registered as a Non-Banking Finance Company (NBFC). The reaches of these organisations span across India and they provide learning labs to the students and faculty of the University.

1.1 New Programmes

- BSc Wellness and Cosmetology
- BSc Marine Operations
- BSc Pharma Chemistry
- Master of Optometry
- MSc Nutraceuticals
- MSc Plant Genomics
- MCA
- MSc Geoinformatics
- M.Pharm
- B.Sc. Animation and Multimedia
- B.Voc
- B.Tech Mechanical with Marine Domain



2. Schools, Departments and Academic Programmes



2.1 M S Swaminathan School of Agriculture

M.S. Swaminathan School of Agriculture was established in the year 2013 at Paralakhemundi Campus. Presently the School has 187 acre of field labs for experiment in farm. It offers courses such as B.Sc. (Hons) in Agriculture, B.Tech. In Agriculture and M.Sc. in Agriculture, besides undertaking various training, research and consulting activities. It has eight departments.

2.1.2 Department of Agronomy

Agronomy Department of the M.S. Swaminathan School of Agriculture was established in the year 2013. The Department offers courses at undergraduate and postgraduate level of agricultural science and technology. The Department undertakes teaching, training, research and consulting in the areas of organic farming, integrated nutrient management, and integrated weed management, varietal performance studies of different crops, intercropping system and introduction of new crops. Teaching and learning system is geared towards experiential and hands on mode rather than being class room and blackboard based.

2.1.3 Department of Horticulture

Horticulture Department of the M.S. Swaminathan School of Agriculture was established in 2013. The Department offers five courses in B. Sc. (Ag.), such as Production Technology of Vegetables; Production Technology of Fruits; Production Technology of Flowers; Production Technology of Spices, Aromatic, Medicinal and Plantation Crops; and Post-harvest Management and Value Addition of Fruits and Vegetables. The department undertakes teaching, training, research and consulting in the areas of vocational training, star program for farmers, etc. The department possesses a well-equipped laboratory for under-graduate students.

2.1.4 Department of Agricultural Extension

The Department of Agricultural Extension under M. S. Swaminathan School of Agriculture was established during 2013. Since then, it has been playing an important role towards progression of extension science with specific reference to research, education and training. The field of extension now encompasses a wider range of communication and learning activities organized for tribal/rural people from different parts of Orissa and Andhra Pradesh states to deliver the knowledge on various disciplines including agriculture, agricultural marketing and business studies. The basic focus of Extension has moved from technology dissemination to agricultural enterprise solution and entrepreneurship development.

2.1.5 Department of Entomology

The Department of Entomology was established in 2013 under the umbrella of M. S. Swaminathan School of Agriculture. The Department offers courses on Entomology to undergraduate and post graduate students and allied activities along with teaching by highly qualified, experienced and devoted teaching staff members.

2.1.6 Department of Genetics & Plant Breeding

The Department was established in 2013 under M. S. Swaminathan School of Agriculture at Centurion University of Technology and Management. In addition, the department is entrusted to laboratory work, research, extension and allied activities.

2.1.7 Department of Crop Physiology, Bio-Technology & Seed Science

Biotechnology encompasses a number of tools and elements of conventional breeding techniques, crop physiology, seed science technology, bioinformatics, microbiology, molecular genetics, biochemistry and molecular biology. Biotechnology defines (or parts of organisms) to make or modify a product, improve plants, trees or animals or develop microorganisms for specific uses. In this direction, the Department of Crop Physiology, Biotechnology and Seed Science in M. S. Swaminathan School of Agriculture has focused and equipped as state-of-the-art laboratories that mentor the students to inculcate hands on experiments and put-in the knowledge of theory in practice.

2.1.8 Department of Plant Pathology

The Department highlights on the study of plant pathogens and their interactions with plants-pests/pathogens leading to disease. The Department under the School of Agriculture has initiated to mentor under-graduate students to study, understand and investigate various host-microbe interactions and towards establishing practices in addressing field problems. It also deals with various aspects of agriculture including microbiology, principles of plant pathology and pathogens, diseases of field crops, Horticultural crops and their management, mushroom cultivation etc. The faculty members in the department are well qualified and acquired the required skills to carry forward such responsibilities with high accuracy.

2.1.9 Department of Soil Science & Agricultural Chemistry

The Department was established in 2013 under M.S. Swaminathan School of Agriculture and entrusted to contribute the service in teaching, laboratory practical work, research, extension and allied activities other than the teaching by esteemed faculty and staff members.

2.2 School of Engineering and Technology

The School of Engineering and Technology (SoET) was established in the year 2013. It offers courses at Bachelor, Master and Doctoral level, besides undertaking various training, research and consulting activities. The B. Tech programs in the School are in Civil Engineering, Mechanical Engineering, Computer Science and Engineering, Petro Chemical Engineering, Electrical and Electronics Engineering, Agriculture Engineering, Electronics and Communication Engineering and Dairy Technology. The M. Tech programs are in Civil Engineering, Mechanical Engineering, Computer Science and Engineering, Electrical and Electronics Engineering and Electronics and Communication Engineering. The programs are offered in Paralakhemundi and Bhubaneswar Campuses. The programs offered follow a pedagogy of 40% theory and 60%.

2.3.2 Department of Civil Engineering

Civil Engineering in Centurion University is offered in both the campuses at Parlakhemundi and Bhubaneswar.

The department has senior faculty members drawn from retired professors from reputed engineering colleges of Odisha and Andhra Pradesh (AP). It has few professors who have been Chief Engineers of the state.

The department offers courses at undergraduate level, graduate level (Structural Engineering, Hydraulics and Transportation Engineering). The main areas of research in the Department are in Geotechnical Engineering, Structural Engineering, Hydraulics Engineering, Hydrology, GIS and GPS Systems.

2.3.3 Department of Chemical and Petro-Chemical Engineering

The Department of Chemical and Petro-Chemical Engineering offers separate but related degree programmes in Chemical Engineering, Petro-Chemical Engineering. Chemical engineers deal principally with production of chemicals from various raw materials and compounds and are also responsible for the extraction and processing of minerals.

2.3.4 Department of Computer Science and Engineering

Centurion University is about hands-on learning, and learning through experience. The Computer Science course is also about building the fundamental concepts with focus on software programming and projects. At Centurion University, we understood that writing programs and doing projects is the right way to build not just our foundations, but also interest and passion for the discipline. We also concluded our students must be proficient in one or two languages, and have capability to write original code in these. Centurion offers a set of core courses – with concepts we believe all must learn; and with a large number of electives. The electives are offered based on student interest, so they have a choice in what they want to learn.

2.3.5 Department of Electrical and Electronics Engineering

This Department strives for excellence in teaching, research and professional services to the industry so as to achieve eminence in selected niche areas of Electrical and Electronics Engineering. The Department offers four years of B. Tech course in Electrical and Electronics Engineering (EEE), Electrical Engineering (EE) and also two years of M. Tech course in Power System & Control Engineering (PSC). The department has many faculty with industry experience especially in Transmission and Distribution.

2.3.6 Department of Electronics and Communication Engineering

Department of Electronics and Communication Engineering aims to produce qualified and dynamic engineers in the fast changing area of Electronics Communication Engineering. The Department has sophisticated and modern laboratory equipment and software for research and development work in the areas of Antenna and Microwave Engineering, Signal Processing and Communication, VLSI, Embedded System. The Department has trained faculty from reputed Institutes of India. The students have been placed in different national and multinational companies. Department is offering domain based courses in the field of VLSI and Embedded System within the curriculum to enhance their skills and make student ready for the industry in association with different industry partners.

2.3.7 Department of Mechanical Engineering

The Department of Mechanical Engineering has strategic alliances with companies like NALCO, HAL, VEDANTA & JINDAL other than CTTC, CIPET, IIW & NSIC to provide superior theoretical and practical training. Besides, the Department has also provided Pro E and Ansys software in its labs. The mission of the Department is to establish itself as a centre of excellence in the field of Mechanical Engineering, through innovative teaching-learning methods, intensive CAD/CAM short term programs, Industry-Institute partnerships. The department focusses on manufacturing, welding, automotive design and auto service sector skill development.

2.3 School of Applied Sciences

The Applied Sciences was established in the year 2016. Presently the School has 8 well equipped labs in the academic complex and. It offers courses such as Bachelor of Science (B.Sc.) program for 3 years and Master of Science (M.Sc.) program for 2 years, besides undertaking various training, research and consulting activities. It has eight departments. The programs are offered in Paralakhemundi, Bhubaneswar Bolangir and Rayagada Campuses.

2.4.1 Programmes Offered

2.4.1.1 B.Sc. (Hons) Programme

- Chemistry
- Optometry
- Mathematics
- Physics
- Information Technology
- Botany
- Zoology

2.4.1.2 M.Sc. Programme

- Applied Chemistry
- Applied Mathematics
- Applied Physics
- Botany
- Zoology

2.4 School of Management

The School of Management of the University evolved from the Centurion School of Rural Enterprise Management (CSREM). Since inception, nearly a decade ago, its flagship program has been Master of Business Administration (MBA) that focuses on social entrepreneurship. The key strength of the School is its experienced and enthusiastic faculty, committed top management, flexible curriculum, experiential learning, digital course content, strong linkage with industry, academia, civil society and government, skill integration and outreach programmes.

2.5.1 Programmes Offered

2.5.1.1 Master Programmes

- Master of Business Administration
- MBA in Development Management
- MBA in Agri-business Management
- MBA in Data Analytics
- MBA - Pharmaceutical Management

2.5.1.2 Bachelor Programmes

- Bachelor of Business Administration (BBA)
- BBA in Financial Services
- Bachelor of Commerce (B.Com.)
- B.Com in Banking and Accounting

2.5 School of Media & Communication

The School of Media and Communications, under the auspices of the Institute of Knowledge Societies at Centurion University is being launched as a complete media school which will have an integrated Bachelors and Master's degree programme, short term skill programmes in partnership with the PMKVY scheme of the Ministry of Skill Development and Entrepreneurship, Government of India and industry partnerships with both National and Regional Media. The school will deliver UNESCO's "Model Curriculum for Developing Countries and Emerging Democracies".

2.6.1 Programmes Offered

- BA in Media & Communication
- MA in Media & Communication

3. Student Admissions

For the 2021-22 Academic year 2863 number of students were admitted in the university. It includes 522 in Diploma Programmes, 1735 in Bachelor Programmes, 556 in Master Programmes & 50 in Doctoral Programmes. The details are indicated in Table 3.1.

Table 3.1: Admission Mix in Academic Year 2021-22

Programme	Branch	Male	Female	Total
B. Tech.	Agri. Tech	24	4	28
	Civil	33	4	37
	ECE	30	3	33
	EEE/EE	18	0	18
	CSE	424	86	510
	Mechanical	57	0	57
	Phyto	8	5	13
	Dairy Tech.	3	0	3
	MI	19	0	19
	Biotechnology	13	10	23
	Aerospace	9	0	9
MBA	MBA (DM/AM)	8	4	12
	MBA Data Analytics	31	17	48
	MBA PM	3	2	5
B.Sc.	Chemistry	9	12	21
	Mathematics	1	2	3
	Physics	8	2	10
	Optometry	9	13	22
	Botany	3	8	11
	Zoology	9	29	38
	Forensic Science	14	8	22
	MRT	27	24	51
	Radiology	1	1	2
	MLT	21	18	39
	MB	5	16	21
	Operation Theatre Technology	2	6	8
	Physiotherapy	10	11	21
AT	2	1	3	
M.Sc.	Chemistry	14	30	44
	Mathematic	2	5	7
	Physics	18	14	32

	Medical lab. Technology (MSc MLT)	9	21	30
	Microbiology	18	38	56
	Botany	17	66	83
	Zoology	31	107	138
	Forensic Science	7	10	17
	M. Sc.in Cyber Security & Digital Forensics	11	5	16
M. Tech.	Data Science	0	2	2
	Design and Manufacturing	5	0	5
	Power System and Control	1	0	1
	Structural Engineering	1	0	1
	Transportation Engineering	5	2	7
BBA	BBA	86	48	134
BCA	BCA	16	5	21
B. Pharm.	B.PHARM	166	51	217
D. Pharm.	D.PHARM	120	59	179
Diploma	Civil	75	3	78
	Mechanical	63	0	63
	Electrical	92	3	95
	Computer Science Engineering	66	21	87
	AE	1	0	1
	Mining	19	0	19
MSSSoA	B.Sc. (Ag.)	167	113	280
	B.Sc. (Fish.)	35	16	51
	M.Sc. (Ag.)	27	25	52
B.Com.	Commerce	9	1	10
Ph.D.	Computer Science Engineering	1	1	2
	Civil	1	0	1
	ECE	3	0	3
	Physics	0	1	1
	Chemistry	0	1	1
	Mechanical	3	0	3
	EEE	2	0	2

	Humanities	0	1	1
	Botany	1	2	3
	Agriculture	4	0	4
	Paramedics	1	1	2
	Inter Disciplinary	0	2	2
	Pharmacy	2	4	6
	Management	13	6	19
	TOTAL	1913	950	2863

4. Placement

Students of Centurion University are groomed for employment in different organisations, enrolment in higher education institutions and starting their own enterprises. The outcome of the combined and relentless effort of Placement Team resulted in 1318 offers from 208 Companies in 2020-21. 56.27% of eligible engineering, 33.91% of eligible agriculture and 25% of eligible management students were placed successfully. 46 Students of the School of Agriculture qualified in Junior Research Fellowship in 2021.

Table 4.1: Students Placed in Different Organisations

Sl. No.	Name of the Company	No of Students Placed
1	3Axial Steel Detailing Services Pvt. Ltd.	1
2	7th Heaven Homes	4
3	AABSyS	2
4	Acadecraft Inc	2
5	Accenture	6
6	Access Development	3
7	Accolite	0
8	AcesoCloud Software	3
9	Aculife Healthcare	1
10	AIMDek Technology	0
11	Allsec Technologies	50
12	ALTAIR	0
13	AMAZON	0
14	Amrut Energy	1
15	Anchalik Jana Kalyan Anusthan	1
16	Annarpurna Microfinance	0
17	Apisero	1
18	Apmosys	6
19	Apollo Pharmacy	58
20	Appinventiv Technologies	1
21	Aries Agro Ltd.	4
22	Avani Agro Farms and Seeds	4
23	AZTEC Process Automation P Ltd.	0
24	Berger Paints	0
25	Bizzrun	5

26	BNP Paribar	1
27	BNY MELLON	0
28	Bottomline Technologies	0
29	BRIGHTCHAMPS	13
30	Byju's	27
31	BYJUS TAP	6
32	Capgemini	2
33	Carigar Tools	11
34	Centre for Sight	1
35	Chaitanya Eye Hospital	3
36	Chargebee	1
37	Clink Softech	4
38	Cognizant	17
39	Collabera IT Services Pvt Ltd	0
40	Computer Lab	0
41	Coromandel International Ltd	1
42	CRM Next Technologies	0
43	CSS Crop	2
44	Cvent	0
45	Dassault Systems	0
46	Dhanuka Agritech	1
47	Dial & Deal	1
48	DTDC	0
49	DuFlora Agri Products Pvt Ltd	0
50	East & West Seeds	2
51	Eclerx Services	1
52	eClinicalWorks	2
53	EDWISOR	13
54	Efftronics Systems Pvt Ltd	0
55	Employment Express Verbant LLP	18
56	EPISOURCE PVT. LTD	3
57	ESAF Small Finance Bank	0
58	Evosys	0
59	Exposys Data Labs	0
60	Extramarks	12
61	Fanatisch Marketing Services (P) Ltd	1
62	Faurecia	32
63	Federal Bank	2
64	FIN Pe	6
65	FIS Global	1
66	Flexon Technologies	4
67	Freshworks	0
68	Ganga Kaveri Seeds Pvt Ltd	1
69	Garg Lifestyle Private Ltd	0
70	Gestamp	20
71	Girnar Software Pvt Ltd's	1

72	Goldman Sachs	0
73	GRK Research Lab	1
74	GT Technology	1
75	GTET	3
76	GTPL	2
77	Hawkins Cookers Ltd	0
78	HBG Knowledge	0
79	HCL Technologies	17
80	Heraizen Technology	2
81	Hexaware Technologies WILP	2
82	Himalaya	2
83	iB Hubs	0
84	ICICI Bank	11
85	ICRISAT	6
86	ICTI	0
87	IMFA	1
88	Indiamart	2
89	Infosys	1
90	InMovidu Technologies	20
91	Innostax Software Labs Pvt Ltd	1
92	Intellipaat	0
93	Intelliswift Software	3
94	inuture	1
95	Jaro Education	3
96	Justdial	16
97	Kalgudi.com	0
98	Kapil Agro Farm India Pvt Ltd	8
99	KF Bioplants Pvt Ltd.	0
100	KPIT	0
101	Krishi Jagaran	1
102	KYB Motor Suspension India	30
103	Laxmi Components	16
104	LeadSquared	0
105	Learning Routes Pvt. Ltd	0
106	Lenskart	12
107	Lido Learning	2
108	Linde	1
109	Mahindra Agri Solutions Ltd	22
110	Manipal Hospital	3
111	Marquee Semiconductor	0
112	Mastree	11
113	Maventic	0
114	Maxgen Technology Pvt Ltd	1
115	McKinley & Rice	0
116	Medha Servo Drives P Ltd	0
117	MediaMint	2

118	MEDOPHARM PVT. LTD	1
119	Meta Human Technologies	1
120	Micron	0
121	Microsoft	1
122	Microsoft Fix-a-thon	0
123	Mindfire Solutions	1
124	Mindtree Ltd	1
125	Motherson Automotive	45
126	Mphasis	1
127	NCC Limited	5
128	NCR	0
129	Netcore Solutions	0
130	Nettantra Technologies	0
131	NoBroker	11
132	NoBroker	11
133	Nova Agri	9
134	Nucifera Entertainment Pvt Ltd	10
135	OMICS International	26
136	Optum - United Health Group	1
137	Our Food	4
138	Pentagon Systems & Services	3
139	Pepcoding	1
140	Pie Infocomm	18
141	PIN CLICK	1
142	Planet Spark	13
143	Pulsus Health Tech LLP	3
144	Pyramid Consulting	3
145	Radix Software Services Pvt Ltd	0
146	Rakuten	3
147	Rallis India Limited (A TATA Enterprise)	4
148	Rane Engine Valve Ltd	35
149	Ravi Hybrid Seeds Pvt Ltd	0
150	RICO	22
151	RK Info Syatems	6
152	Ronch Polymers	30
153	Rubicon Skill Development Pvt Ltd.	0
154	Rumango Software	2
155	Runexe IT Solutions	0
156	Sadbhav Futuretech Pvt. Ltd	0
157	Sagarsoft Technologies	1
158	Sai Sustainable Agro	5
159	SAK Robotix	7
160	Satrix Information Security	7
161	SearchingYard Software Pvt. Ltd.	5
162	SECON Pvt Ltd	0
163	Shankar Foundation	1

164	Shriram Life Insurance	5
165	Silicon Techlab (STL)	3
166	Siyana Info Solutions	4
167	SKH Metals	82
168	Skolar	19
169	Software AG	2
170	Sonalika Tractors	5
171	SQUAREYARDS	33
172	Sumukha Engineering	21
173	Sundaram Finance	3
174	Swarup Eye Hospital	1
175	Swiflearn	6
176	T & AS Designtech	16
177	TCS	25
178	TCS Digital	1
179	Teach For India	0
180	Tech Mahindra	12
181	Tech Mahindra (Noida)	1
182	TEKsystems Global Services	3
183	telSpiel	0
184	Tiger Analytics	1
185	Titan Eye Plus	1
186	ToXSL Technologies	0
187	TRADE INDIA	1
188	Unschool	52
189	Upsquare Solutions	5
190	Vasudha- Mission Gram Swaraj Project	7
191	VAYA Group	3
192	Vedantu	5
193	Verve Farmstay	2
194	Victoria Tools	11
195	Victory Marvel Seeds India Pvt Ltd.	1
196	Vijaya Diagnostic-1st Phase	43
197	Vijaya Diagnostic-2nd Phase	29
198	Vinove Software & Services	2
199	Vision Expres	1
200	VNR Seeds Pvt Ltd	19
201	Watershed Organisation Trust	6
202	Windowmaker Software Pvt Ltd.	1
203	Wipro Technologies	11
204	Wise Finserv Pvt. Ltd	0
205	XL Dynamics India Pvt Ltd	0
206	Xpressbees	1
207	Zyodus Cadila	8
208	Zyla Health	1
Total Students Placed		1318

5. Consulting & Training

The university gives utmost importance to Consulting & Training having academic relevance. These activities are geared towards solving real life problems faced by organisations and communities. The details of consulting and training activities are presented in Table 5.1. During the year the University provided consulting & training worth Rs. Fourty Five CroreThirty Two Lakhs Sixty Six Thousand Nine Hundred Seven. In 2021-22, Centurion University has received consultancy projects from Central Tools & Training Center, Hindstan Aeronotus Limited, Dassault, ORMAS, Odisha, Mind Tree Foundation, Gram Tarang InclusiveDevelopment ServicesPvt. Ltd., Indian Railway etc.

Table 5.1: Details of Training & Consulting Activities Undertaken

Client Organization	Title of project	Amount Received (Rs.)
CTTC	MTRTC Production	2,43,362
RSB	MTRTC Production	12,24,602
HAL	MTRTC Production	5,72,000
SMS INDIA	MTRTC Production	3,76,758
Dassault	Consultancy	1,95,29,908
RPL	Training	1,36,86,700
Rural Mason Training	Training	1,38,03,847
PMKVY	Training	1,36,27,502
IOCL	Training	8,62,920
National Mineral Development Corporation (NMDC)	Skill Development Training Programme	1,35,000
Agricultural Technology Management Agency (ATMA)	Farmar Training	1,40,000
Anmol Industries Ltd	NEEM	34,246
Blue Star Limited	NEEM	1,62,717
Dream Plast India Pvt Ltd	NEEM	1,15,80,054
Elringklinger Automotive Components India Pvt. Ltd.	NEEM	4,21,554
Faurecia Automotive Seating India Pvt. LTD	NEEM	54,60,912
Givaudan India Pvt Ltd	NEEM	1,61,36,785
K India	NEEM	18,51,308

K Three Appliances	NEEM	39,33,402
Lokesh Machines Ltd.	NEEM	1,31,60,152
Lucas Tvs Ltd.	NEEM	1,14,07,553
Metaflex Doors India Pvt Ltd	NEEM	4,16,663
M J Casting Ltd	NEEM	2,90,826
New Allenberry	NEEM	1,85,34,577
Ohsung Electronics Pvt. Ltd.	NEEM	76,12,893
Polybond India Pvt. Ltd.	NEEM	2,72,63,369
Radheya Machining Ltd.	NEEM	1,07,73,688
SIAC SKH India Cabs Manufacturing Pvt Ltd	NEEM	1,03,628
SKH Metals Limited (Plant 1) Maneswar Old	NEEM	3,42,154
SKH Metals Limited (Plant 2) Maneswar New	NEEM	2,34,629
SKH Sheet Metals Componets Pvt Ltd	NEEM	89,389
SKH Y-Tec India Pvt Ltd	NEEM	23,246
Supreme Treon Pvt. Ltd.	NEEM	79,29,892
Varroc Engineering Ltd (Gujrat)	NEEM	1,15,04,323
Varroc Engineering Ltd (Pune)	NEEM	4,03,78,638
OSDA, Odisha	Assessment	26,15,200
ORMAS, Odisha	Assessment	63,15,200
BOCW, Odisha		3,32,00,000
MPSSDEGB, Madhya Pradesh	Assessment	14,47,000
MPACET, Madhya Pradesh	Assessment	11,82,000
CED, Gujarat	Assessment	23,75,000
WBSEST&OBC	Assessment	11,20,000
UPSDM, Uttar Pradesh		62,02,400
Others	Assessment	24,65,000

Norwegian University of Science and Technology (NTNU)	Sustainable Entrepreneurship and Skill Integrated Education K. sted: 971005	18,31,826
Central Tool Room & Training Center	Making of Aerospace Components for ISRO	73,000
Hindustan Aeronautics Limited Sunabeda	Making of Engine Components for MIG 21	1,95,060
RSB Global Dharward	Machining of auto components	7,72,000
Indian Railway	Manufacturing of components	58,056
Indian Railway	Manufacturing of components	4,10,167
Artificial Limbs Manufacturing Corporation of India (ALIMCO)	Manufacturing of components	62,000
Gram Tarang Inclusive Development Services Pvt. Ltd.	Banking Correspondent Project for 7 Scheduled Commercial Banks in West Bengal, Odisha, Telangana, Tamilnadu, Bihar, Andhra Pradesh, Karnataka	13,00,00,000
Mindtree Foundation	ovt. of Odisha for COVID-19 Relief Measures in communities	90,93,799

6. Research Projects, Publications

Research & Publications are important activities of the University. The University encourages its Faculty and Students to undertake context specific research for solving real life problems faced by organisations and communities. During the Year University filed 17 patents.

During the year, 495 number of journal articles published some of these include.

6.1. List of Publications

S.N.	Title Of Paper	Name Of Author(S)	Name Of Department	Name Of Journal	Year	Issn
1	A Study On Trust Management System For Ubiquitous And Pervasive Iot Application	Anup Patnaik, Banitamani Mallik, M. Vamsi Krishna	Mathematics	Turkish Journal Of Computer And Mathematics Education	2021	1309-4653

2	Effect Of Size On Properties Of Industrial And Agro Waste Reinforced Aluminum Matrix Composite	S. S. Panda, A. Senapati, P. Srinivasa Rao	Mechanical Engineering	The Journal Of The Minerals, Metals & Materials Society	2021	1047-4838
3	SnP Markers And Its Impact On Crop Improvement	Debasmita Das And Rukmini Mishra	Botany	Asian Journal Of Biological And Life Sciences	2021	2278-747x
4	Next Generation Sequencing Technologies Towards Exploration Of Medicinal Plants	Sunanya Das And Rukmini Mishra	Botany	Journal Of Experimental Biology And Agricultural Sciences	2021	2320-8694
5	Assessment Of Crop Water Productivity In An Intensively Cultivated Watershed Of Peninsular India	K. Avil Kumar, M. Uma Devi, M.D. Reddy, A. Mani, D.V. Mahalaxmi, O. Bhavani	Agronomy And Agroforestry	Indian Journal Of Agricultural Research	2021	0367-8245
6	Frequency Control In Hybrid Distributed Power Systems Via Type-2 Fuzzy Pid Controller	Rajendra Kumar Khadanga, Amit Kumar & Sidhartha Panda	Electrical And Electronics Engineering	Iet Renewable Power Generation	2021	1752-1416
7	A Novel Sine Augmented Scaled Sine Cosine Algorithm For Frequency Control Issues Of A Hybrid Distributed	Rajendra Kumar Khadanga, Amit Kumar & Sidhartha Panda	Electrical And Electronics Engineering	Neural Computing And Applications	2021	0941-0643

	Two-Area Power System					
8	Consumer's Perception In Adoption Of Clean Energy Products In Areas Of South Odisha	Dr. Shiv Sankar Das ,Prof. Swagat Ranjan Behera ,Prof. Debashree Debadatta Behera Dr. Sanjib Patnaik	Mechanical Engineering	Current Journal Of Applied Science And Technology	2021	2457-1024
9	Functional Role Of Mirnas: Key Players In Soybean Improvement	Kapil Gupta, Sujit Kumar Mishra, Shubhra Gupta, Saurabh Pandey, Jogeswar Panigrahi, Shabir Hussain Wani6	Zoology	Phyton - International Journal Of Experimental Botany	2021	0031-9457
10	The Productivity And Nutrient Use Efficiency Of Rice–Rice–Black Gram Cropping Sequence Are Influenced By Location Specific Nutrient Management	Shankar, T.; Banerjee, M.; Malik, G.C.; Dutta, S.; Maiti, D.; Maitra, S.; Alharby, H.; Bamagoos, A.; Hossain, A.; Ismail, I.A.; Et Al.	Agronomy And Agroforestry	Sustainability	2021	2071-1050
11	Intercropping –A Low Input Agricultural Strategy For Food And Environmental Security	Maitra, S.; Hossain, A.; Brestic, M.; Skalicky, M.; Ondrisik, P.; Gitari, H.; Brahmachari, K.; Shankar, T.; Bhadra, P.; Palai, J.B.; Jana, J., Bhattacharya, U., Duvvada, S. K., Lalichetti, S., Sairam, M.	Agronomy And Agroforestry	Agronomy	2021	2073-4395
12	Celecoxib Crystallized From Hydrophilic	Rudra Narayan Sahoo, Bhabani Sankar Satapathy	Pharmacy	Assay And Drug Development Technologies	2021	1540-658x

	Polymeric Solution Showed Modified Crystalline Behaviour With An Improved Dissolution Profile	And Subrata Mallick				
13	Novel Periodontal Pocket Drug Delivery Systems For The Treatment Of Periodontitis	Himansu Bhusan Samal*, Ch. Niranjan Patra, Lavanya Boyeena And Itishree Jogamaya Das	Pharmacy	Indian Drugs	2021	0019-462x
14	Autochthonous Lactobacillus Spp. Isolated From Murrah Buffalo Calves Show Potential Application As Probiotic	Anukarna Singh, Sachin Kumar, Vv Vinay, Bhawna Tyagi, Prasanta Kumar Choudhury, Hm Rashmi, Ps Banakar, Nitin Tyagi, Amrish Kumar Tyagi	Dairy Technology	Current Research In Biotechnology	2021	2590-2628
15	Verification Of Corrosion Inhibition Of Mild Steel By Some 4-Aminoantipyrine-Based Schiff Bases – Impact Of Adsorbate Substituent And Cross-Conjugation	Ankita Upadhyay, Aditya Kumar Purohit, Gurudatta Mahakur, Sukalyan Dash, Pravin Kumar Kar	Chemistry	Journal Of Molecular Liquids	2021	0167-7322
16	Tuning Surface Wettability Of Molybdenum Oxide Nanorod Mesh By Low Energy Ion	Satyanarayan Dhal, Pritam Das, Arpita Patro, Madhuchhanda Swain, Sheela Rani Hota, Dojalisa Sahu, Shyamal Chatterjee	Physics	Radiation Physics And Chemistry	2021	0969-806x

	Beam Irradiation					
17	Core Level Spectra Prediction Of Zinc Oxide Using First Principles Method	Arpita Patro, Satyanarayan Dhal, Subhasmita Mishra	Physics	Indian Journal Of Natural Sciences	2021	0976-0997
18	Prediction Of Thermodynamic Properties Of Cadmium Selenide Using Density Functional Theory	Satyanarayan Dhal	Physics	Indian Journal Of Natural Sciences	2021	0976-0997
19	Electron Transport Simulation For Hydrogen Electrodes In A Rubidium Island	Satyanarayan Dhal	Physics	Indian Journal Of Natural Sciences	2021	0976-0997
20	Retaining Graphene Structure In The Synthesis Of Its Composite With Bifeo ₃	Tapan Dash, Ananta Kumar Sahoo, Raj Kishore Mishra, Binod Bihari Palei	Physics	Materials Today: Proceedings	2021	2214-7853
21	Vibrational And Electronic Properties Of (5, 0) Zigzag And (5, 5) Armchair Carbon And Sic Nanotubes Using Density Functional Theory	Rk Sahu, V Mukherjee, T Dash, Sk Padhan, Bb Nayak	Physics	Physica B: Condensed Matter	2021	0921-4526

22	Effect Of Low Sintering Temperature On The Synthesis Of Bifeo3	Tapan Dash, Pratikhyasahoo, Nibeditamohanty, Raj Kishore Mishra, Binod Bihari Palei	Physics	Materials Today: Proceedings	2021	2214-7853
23	Graphene-Alumina Composite: The Advanced Coating Material For Developing Harder Surface Of Steel Strip Substrate	Tapan Dash, Gaurab Kumar Sahoo, Binod Bihari Palei, Tapan Kumar Rout	Physics	Lecture Notes In Mechanical Engineering	2021	2195-4356
24	Fused Tungsten Carbide Synthesisby Thermal Arc Melt Cast Method	Ranjan Kumar Moharana1, Tapan Dash1	Physics	Lecture Notes In Mechanical Engineering	2021	2195-4356
25	Synthesis And Analysis Of Structural Properties Of (Ba0.592sr0.0406)Tio3com pound	Tapan Dash, Sushreesubhadarshi neemohapatra, Raj Kishore Mishra, Binod Bihari Palei	Physics	Materials Today: Proceedings	2021	2214-7853
26	Structural And Electrical Properties Of Magnesium-Doped Cofe 2 O 4	D Mohanty, Au Naik, Pk Nayak, Banarji Behera, Sk Satpathy	Physics	Powder Metallurgy And Metal Ceramics	2021	1068-1302
27	Synthesis And Transport Properties Of Cobalt Ferrite: A Systematic Overview	Ananga U. Naik, Santosh K. Satpathy*, Banarji Behera	Physics	Micro And Nanosystems	2021	1876-4029

28	A Comprehensive Review On Epigenetic Mechanisms And Application Of Epigenetic Modifications For Crop Improvement	Kajal Samantara, Aalok Shiv, Lorena Lopes De Sousa, Karansher Singh Sandhu, Parichita Priyadarshini, Sourav Ranjan Mohapatra	Genetics And Plant Breeding	Environmental And Experimental Botany	2021	0098-8472
29	Design Of Lagrangian Based Fopid Controller For Desired Closed Loop System	A. K. Sahoo, S. K. Mishra	Electrical And Electronics Engineering	Journal Of Circuits, Systems And Computers	2021	0218-1266
30	Functional Relationship Of Vegetable Colors And Bioactive Compounds: Implications In Human Health	Shweta Sharma, Viveka Katoch, Satish Kumar And Subhrajyoti Chatterjee	Horticulture	The Journal Of Nutritional Biochemistry	2021	0955-2863
31	Synthesis Of Nano Hydrogel Based Cellulose-G-Hema /Nano Cao Using Snail Shell For Removal Of Cr (Vi) From Waste Water	S.Baral,A.K.Pradhan, C.Routray	Chemistry	Indian Journal Of Natural Sciences	2021	0976-0997
32	Low Energy N-Ion Irradiation Effects On Cadmium Telluride	S. Mishra, S. Dhal	Physics	Indian Journal Of Natural Sciences	2021	0976-0997
33	Targeting To Brain Tumor: Nanocarrier Based Drug Delivery	Gurudutta Pattnaik, Bhabani Sankar Satapathy, Swapna S, Dibyalochan Mohanty	Pharmacy	Journal Of Pharmacy And Bioallied Sciences	2021	0976-4879

	Platforms, Opportunities, And Challenges					
34	Aqbd Driven Development Of A Rp-Hplc Method For The Quantitation Of Abiraterone Acetate For Its Pharmaceutical Formulations In Presence Of Degradants	Bikash Ranjan Jena, Siva Prasad Panda, Umasankar Kulandaivelu, Rajashekhar Reddy Alavala, G.S.N. Koteswara Rao, Suryakanta Swain, Gurudutta Pattnaik, Debashish Ghose	Pharmacy	Turkish Journal Of Pharmaceutical Sciences	2021	1304-530x
35	Identifying Most Promising Agronomic Adaptation Strategies To Close Rainfed Rice Yield Gap In Future - A Model-Based Assessment	Subhankar Debnath, Ashok Mishra, D.R. Mailapalli, N.S. Raghuwanshi	Agricultural Engineering	Journal Of Water And Climate Change	2021	2040-2244
36	Preparation Of Graphene Reinforced Aluminium Composites: Investigation Of Microstructural, Electrical Conductivity And Microhardness Behaviour	Binod Bihari Palei, Tapan Dash* And Susanta Kumar Biswal	Physics	International Journal Of Materials And Product Technology	2021	0268-1900
37	The 8-Aminoquinoline Assisted Copper	Bijay Kumar Singh, Arun Kumar Pradhan	Chemistry	Indian Journal Of Natural Sciences	2021	0976-0997

	Catalyzed C(Sp ²)-H Functionalization					
38	Cooper Mediated C(Sp ²)-H Functionalization : 8-Aminoquinoline As Auxiliary Bidentate Directing Group	Bijay Kumar Singh, Arun Kumar Pradhan	Chemistry	Indian Journal Of Natural Sciences	2021	0976-0997
39	Impact And Contribution Of Forest In Mitigating Global Climate Change	Gyanaranjan Sahoo, Afaq Wani, Sandeep Rout, Amita Sharma, Satyajeet Kar And Ajay Kumar Prusty	Agricultural Extension And Communication	Design Engineering (Toronto)	2021	0011-9342
40	Impacts Of Waste Biomass Of Salvinia Cucullata L. On Growth, Physiological And Biochemical Parameters Of Vigna Unguiculata L	Atia Arzo, Suvechha Hota, Bhagyeeswari Behera	Chemistry	International Journal Of Botany Studies	2021	2455-541x
41	A Diabetic Prediction System Based On Mean Shift Clustering	Satyanarayana Murthy Teki, K. V Sriharsha, Mohan Krishna Varma N3	Computer Science And Engineering	Ingénierie Des Systèmes D'information	2021	1633-1311
42	A Review On Rotary Regenerators	Dr. Prakash Ghose	Mechanical Engineering	Indian Journal Of Natural Sciences	2021	0976-0997
43	An Investigation On Non-Darcy Nanofluid Flow Due To	S. Jena, P. K. Pattnaik, Kishan Singh Shekhawat, Ram Prakash Sharma	Mathematics	Ganita	2021	0046-5402

	The Interaction Of Inclined Magnetic Field And Nonlinear Radiation					
44	Reversible Selective Embedding For Dicom Image Security And Integrity Using Visual Cryptography	Bijay Kumar Paikaray, Debabala Swain	Computer Science And Engineering	International Journal Of Electronic Security And Digital Forensics	2021	1751-911x
45	Evaluation Of Quality Parameters Of Seven Processing Type Potato (Solanum Tuberosum L.) Cultivars In The Eastern Sub-Himalayan Plains.	Das, S.; Mitra, B.; Saha, A.; Mandal, S.; Paul, P.K.; El-Sharnouby, M.; Hassan, M.M.; Maitra, S.; Hossain, A.	Agronomy And Agroforestry	Foods	2021	2304-8158
46	Examining Associations Between Sensex And Selected International Stock Markets	Dr.Pramod Kumar Patjoshi, Dr.Girijanandini, Dr.Prabhuramtripathy	Management	Annals Of The Romanian Society For Cell Biology	2021	1583-6258
47	Optimal Replenishment Policy For A Two-Warehouse Inventory Model With Fuzzy Demand And Deterioration Under Trade Credit Offer	Balaj Padhy P.N. Samanta S. K. Chaudhury And U.K.Misra	Mathematics	Indian Journal Of Natural Sciences	2021	0976-0997

48	Efficacy Of Box-Pcr Fingerprinting For Taxonomic Discrimination Of Bifidobacterial Species Isolated From Diverse Sources	Rajashree Jena, Prasanta Kumar Choudhury, Anil Kumar Puniya, Sudhir Kumar Tomar	Dairy Technology	3 Biotech	2021	2190-5738
49	Impact Of Technology On Industrial Relations: Study On It Industry	Dr.Girija Nandini, Dr.Bhanupriya Khatri, Dr. Pramod Kunar Patjoshi	Management	Jijnasa : A Journal Of The History Of Ideas And Culture	2021	0337-743x
50	Growth And Performance Of Rural Banking In India:An Empirical Study	Dr.Girija Nandini, Anindita Bosu, Dr. Pramod Kunar Patjoshi	Management	Annals Of The Romanian Society For Cell Biology	2021	1583-6258
51	Growing From Inside Out: An Exploratory Investigation Into The Construct-Spirituality	T Bantha, Tk Panda, Sp Sahni	Management	Prabandhan: Indian Journal Of Management	2021	0975-2854
52	The Relation Of Servant Leadership With Followers' Organizational Citizenship Behaviour (Ocb): Mediating Role Of Generalized Self-Efficacy (Gse) And Organization Based Self-	T Bantha, Sp Sahni	Management	Industrial And Commercial Training	2021	0019-7858

	Esteem (Obse)					
53	Use Of Clean Energy In On-Farm Livelihood Security	Shiv Sankar Das, Debashree Debadatta Behera And Siba Prasad Mishra	Mechanical Engineering	Asian Journal Of Agricultural Extension, Economics & Sociology	2021	2320-7027
54	Collimators For An Imaging System,	P. K. Rath, N.Deshmukh, Pankaj Shah, M.Mishra	Physics	Indian Journal Of Natural Sciences	2021	0976-0997
55	Parameters For An Imaging System	P. K. Rath, N.Deshmukh, Pankaj Shah, M.Mishra	Physics	Indian Journal Of Natural Sciences	2021	0976-0997
56	Scintillators For An Imaging System	P. K. Rath, N.Deshmukh, Pankaj Shah, M.Mishra	Physics	Indian Journal Of Natural Sciences	2021	0976-0997
57	The Promising Role Of Oleanolic Acid In The Management Of Diabetes Mellitus: A Review	Sasmita Dash, Gurudutta Pattnaik, Biswakanth Kar, Nityananda Sahoo	Pharmacy	Journal Of Applied Pharmaceutical Science	2021	2231-3354
58	Habitat Heterogeneity Influences Avian Feeding Guild Composition In Urban Landscapes: Evidence From Bhubaneswar, India	Bibhu Prasad Panda, B. Anjan Kumar Prusty, Biswajit Panda, Abanti Pradhan And Siba Prasad Parida	Zoology	Ecological Processes	2021	2192-1709

59	Habitat Heterogeneity And Seasonal Variations Influencing Avian Community Structure In Wetlands	Bibhu Prasad Panda, Ashis Kumar Das, Sudheer Kumar Jena, Biswajita Mahapatra, Aditya Kishore Dash, , Abanti Pradhan, , Siba Prasad Parida	Zoology	Journal Of Asia-Pacific Biodiversity	2021	2287-884x
60	Fault Detection And Troubleshooting In A Pv Grid-Tied Inverter	Bibhu Prasad Mishra, Nimay Chandra Giri, Smruti Ranjan Nayak, Siba Prasad Mishra	Electronics And Communication Engineering	Indian Journal Of Science And Technology	2021	0974-6846
61	Sustainable Emergency Light For Scarcely Electrified Area Of India	Shrutirekha Tripathy, Mitali Monalisha Sahoo, Nimay Chandra Giri, Siba Prasad Mishra, Smruti Ranjan Nayak	Electronics And Communication Engineering	Current Journal Of Applied Science And Technology	2021	2457-1024
62	Growth And Yield Of Basmati Rice Under Different Crop Establishment Methods And Sowing Environment	Sultan Singh, A. K. Gupta, Mahender Singh, N. P. Thakur And Lalichetti Sagar	Agronomy And Agroforestry	Mausam	2021	0252-9416
63	Potential Role Of Weed Management On Growth And Productivity Of Pearl Millet-A Review	Sindhu Lalichetti, Sagar Lalichetti, Sultan Singh, Sagar Maitra And Oggu Keerthipriya	Agronomy And Agroforestry	International Journal Of Agriculture Environment And Biotechnology	2021	0974-1712
64	Study Of Energy Loss For Some Metal Foils (A Possible Source For Secondary Electrons)	G. K. Sahu, P. K. Rath, N. N. Deshmukh, Pankaj Shah, M. Mishra	Physics	Indian Journal Of Natural Sciences	2021	0976-0997

65	Effect Of Entrance Channel To The Cross Section	G. K. Sahu, P. K. Rath, N. N. Deshmukh, Pankaj Shah, M. Mishra	Physics	Indian Journal Of Natural Sciences	2021	0976-0997
66	A Review Of Scintillators	G. K. Sahu, P. K. Rath, N. N. Deshmukh, Pankaj Shah, M. Mishra	Physics	Indian Journal Of Natural Sciences	2021	0976-0997
67	Selection Of Low Temperature Thermal Power Cycles	Mukundjee Pandey, Biranchi Narayana Padhi , And Ipsita Mishra	Mechanical Engineering	Thermal Science	2021	0354-9836
68	Carbon Storage Of Single Tree And Mixed Tree Dominant Species Stands In A Reserve Forest—Case Study Of The Eastern Sub-Himalayan Region Of India	Prakash Rai, Vineeta, Gopal Shukla, Abha Manohar K , Jahangeer A Bhatt, Amit Kumar, Munesh Kumar, Marina Cabral-Pinto And Sumit Chakravarty 1	Agronomy And Agroforestry	Land	2021	2073-445x
69	Trends In Diabetes Care With Special Emphasis On Medicinal Plants: Advancement And Treatment	Bichitrananda Tripathy, Nityananda Sahoo And Sudhir Kumar Sahoo	Pharmacy	Biocatalysis And Agricultural Biotechnology	2021	1878-8181
70	Ethnoveterinary Practices Of Tribes In Odisha, India: A Review	Monalisa Panda, Gyanranjan Mahalik*	Botany	International Journal Of Botany Studies	2021	2455-541x
71	Fabrication And Characterization Of Physical And Mechanical Properties Of	Ali, Asar; Ali, Farman; Rashedi, Ahmad; Armghan, Ammar; Fajita, M. R.N.; Alenezi, Fayadh; Karthik Babu Nb.	Mechanical Engineering	Nanomaterials	2021	2079-4991

	Carbon Nanotubes— Graphene-Based Sandwich Composite Pressure Sensor					
72	Torpor In Insects	S. Borkataki, B. Bhattacharyya, S. Sen, R. R. Taye, M. D. Reddy And S. P. Nanda	Chemistry	Current Science	2021	0011-3891
73	Physicochemical And Functional Properties Of Frozen Stored Minced Meat Of Nile Tilapia (Oreochromis Niloticus)	Monalisa Mishra ^{1*} , Subal Kumar Ghosh ² , Mayank Soni ³ , R. K. Sadawarte ⁴ And V. R. Sadawarte ⁵	Fisheries	Current Journal Of Applied Science And Technology	2021	2457-1024
74	A Study On Trawl Catch Quality Of Ice Storage Finfish And Shellfish Species From Versova Fish Landing Center, Mumbai, India	Subal Kumar Ghosh ^{*1} , Sambid Swain ¹ , Hauzoukim ¹ , Sagarika Swain ¹ Anvesha Roy ¹ , Rajesh Kumar Pradhan ² , Suraj Kumar Pradhan ² , Rupali Das ² , Sambit Kisore Das ²	Fisheries	Journal Of Experimental Zoology	2021	0972-0030
75	Heterosis In Tomato (Solanum Lycopersicum) Hybrids For Growth, Yield And Quality Traits	Archana Mishra, A Nandi, V Thriveni, S Das, Ic Mohanty And Sk Pattanayak	Horticulture	The Pharma Innovation Journal	2021	2349-8242
76	Plastic Waste As Threat To Environmental Sustainability In Smart Cities: A	Bidyadhar Raout, Dr. Snigdha Tripathy, Dr. Sisir Ranjan Dash, Dr. Bishwaranjan Purohit	Management	Turkish Online Journal Of Qualitative Inquiry	2021	1309-6591

	Systematic Review Of Extant Literature					
77	Does Bonus Announcement Effect On Stock Prices: Evidence From Listed Companies In India	Debiprsad Satapathy And Subhendu Mishra	Management	Turkish Online Journal Of Qualitative Inquiry	2021	1309- 6591
78	Unravelling Tidal Effect On Zooplankton Community Structure In A Tropical Estuary	Srichandan, S., Baliarsingh, S. K., Lotliker, A. A., Sahu, B.K., Roy, R & Nair, T.M.B.	Civil Engineering	Environmental Monitoring And Assessment	2021	0167- 6369
79	Evaluation Of Hydro- Biological Parameters In Response To Semi-Diurnal Tides In A Tropical Estuary	Baliarsingh, S.K., Lotliker, A.A., Srichandan, S., Roy, R., Sahu, B.K., Samanta, A., Nair, T.M.B., Acharyya, T., Parida, C., Singh, S., Jena, A.K.	Civil Engineering	Ecohydrology & Hydrobiology	2021	1642- 3593
80	Transgenic Vegetables: A Review	Archi Gupta, Anis Mirza, Charupriya Chauhan And Sanghamitra Rout	Genetics And Plant Breeding	International Journal Of Botany Studies	2021	2455- 541x
81	Zinc Biofortificatio n In Food Crops Could Alleviate The Zinc Malnutrition In Human Health	S Praharaj, M Skalicky, S Maitra, P Bhadra, T Shankar, M Brestic, V Hejnak, P Vachova, A Hossain	Agronomy And Agroforestry	Molecules	2021	1420- 3049

82	Relative Efficiency Of Different Weed Management Practices On Growth, Yield And Weed Dynamics On Sunflower	Prabhuvineeth Inuganti, Subhashisa Praharaj, Sagar Lalichetti, Tanmoy Shankar, Gc Mishra, Sagar Maitra, Rahul Adhikary, Lipsa Patnaik, Sairam Masina, Sultan Singh	Agronomy And Agroforestry	International Journal Of Agriculture, Environment And Biotechnology	2021	0974-1712
83	Prediction By Soft Computing, Planning, And Strategy Building Of Aquatic Catch: Chilika Lagoon, Odisha, India,	Siba Prasad Mishra	Civil Engineering	Design Engineering (Toronto)	2021	0011-9342
84	Effect Of Incorporation Of Magnetization In Antiferromagnetic Cr ₂ O ₃ By Mechanically Alloying With A-Fe Nanoparticles	S Pati ,Dojalisa Sahu ,Nr Panda,D.Das	Chemistry	Materials Letters	2021	0167-577x
85	Influence Of Micronutrient Management On Growth And Yield Attributes In Pigeonpea [Cajanus Cajan (L.) Cv. Prg176] In Kalahandi District Of Odisha	H.N. Malik, U. Naik, Upasana Sahoo, A. Panda, A. Phonglosa, R. Bhattacharya, F. H. Rahman	Agronomy And Agroforestry	Journal Of Experimental Agriculture International	2021	2457-0591

86	Identification And Classification Of Mango Leaf Disease Using Wavelet Transform Based Segmentation And Wavelet Neural Network Model	Satyasis Mishra ¹ , Ellappan V. ² , Sunita Satapathy ^{3*} , Gemechu Dengia ⁴ , Bayisataye Mulatu ⁵ , Ferew Tadele ⁶	Zoology	Annals Of The Romanian Society For Cell Biology	2021	1583-6258
87	Effect Of Particle Size On Properties Of Industrial And Agro Waste-Reinforced Aluminum-Matrix Composite	Sasank Sekhar Panda, P.Srinivasa Rao, Ajit Senapati	Mechanical Engineering	Metallurgical And Materials Transactions B: Process Metallurgy And Materials Processing Science	2021	1073-5615
88	Thinking Ahead: Agricultural Silver Lining Post Covid-19 Pandemic Crisis	Prajjal Dey, Debanjana Saha, Udit Nandan Mishra, Gyaneshwar Jha, Ankesh Kumar Sharma And Diptanu Datta	Biotechnology	Ecology, Environment And Conservation	2021	0971-765x
89	Crucial Cell Signaling Compounds Cross-Talk And Integrative Multi-Omics Techniques For Salinity Stress Tolerance In Plants	Rajesh Kumar Singhal, Debanjana Saha, Milan Skalicky, Udit Nandan Mishra, Jyoti Chauhan, Laxmi Preeya Behera, Devidutta Lenka, Subhash Chand, Vivek Kumar, Prajjal Dey,	Biotechnology	Frontiers In Plant Science	2021	1664-462x
90	Highly Selective And Sensitive Optical Discrimination Of Pyrophosphat	Aditya Kumar Purohit, Hemanta K. Kisan, Sumanta Sahu And Pravin Kumar Kar	Chemistry	Journal Of Molecular Structure	2021	0022-2860

	e Ion By A Zn(LI)-Terpyridine Complex In Aqueous Medium At Physiological Ph					
91	Comparative Evaluation Of Drying Kinetics Of Carrot Slices In Hot Air And Microwave Drying	Gitanjali Behera, Mitali Madhumita, J. Aishwarya, V. Gayathri.	Agricultural Engineering	The Journal Of Phytopharmacology	2021	2320-480x
92	Infestation Levels And Seasonal Incidence Of Major Pests Of Cotton And Their Natural Enemies In West Bengal	Pronobesh Halder And Nihal R	Entomology	The Pharma Innovation Journal	2021	2349-8242
93	Optimum Parameters For Production Of Ethanol From Synthetic Molasses By Saccharomyces Cerevisiae	P. Krishna Reddy , M. Vijay , M. Kusuma , K.V. Ramesh	Chemical Engineering	Materials Today: Proceedings	2021	2214-7853
94	Hydroponics In Vegetable Crops: A Review	Aurosikha Swain, Subhrajyoti Chatterjee, M Viswanath, Anindita Roy And Amit Biswas	Horticulture	The Pharma Innovation Journal	2021	2349-8242
95	A Simple Liquid Chromatographic Method For Estimation Of Glycopyrrrolat	Sagar Suman Panda, Bvv Ravi Kumar, Raja Kumar Viriyala And Suman Kumar Mekap	Pharmacy	Analytical And Bioanalytical Chemistry Research	2021	2383-093x

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96	Climate Change Crash On Fruit Crops And Management Approaches	Anindita Roy, M Viswanath, Gowthami, Subhrajyoti Chatterjee And Amit Biswas	Horticulture	The Pharma Innovation Journal	2021	2349- 8242
97	Training- A Tool For Canopy Management In Fruit Crops	Anindita Roy, M Viswanath, Gowthami, Subhrajyoti Chatterjee And S.P. Nanda	Horticulture	The Pharma Innovation Journal	2021	2349- 8242
98	Effect Of Different Plant Growth Regulators On Mass Propagation Of Banana Cv. Kovvur Bontha (Abb)	M Viswanath, Chetan M.N, Anindita Roy, Subhrajyoti Chatterjee S.P Nanda	Horticulture	The Pharma Innovation Journal	2021	2349- 8242
99	Effect Of Chemical To Herb Control On Performance Of Sesame (Sesamum Indicum) Under Irrigated Conditions	Lipsa Patnaik , Rahul Adhikary And M. Devender Reddy	Soil Science	International Journal Of Environment And Climate Change	2021	2581- 8627
100	Moringa Oleifera Lam.: A Potential Agroforestry Tree Species	Sandeep Rout, Gyanaranjan Sahoo,Sonia Panigrahi, Udit Nandan Mishra,Ajay Kumar Prusti,Kalyani Pradhan, Lipsa Dash, Barsha Tripathy	Agronomy And Agroforestry	International Journal Of Botany Studies	2021	2455- 541x

101	Electrical Conduction Mechanism In Nanocrystalline ZnO Induced By Donor/Acceptor Doping	Dojalisa Sahu,A Palai,Nr Panda	Chemistry	Journal Of Materials Science: Materials In Electronics	2021	0957-4522
102	Emission Analysis Of Diesel Engine By Cooking Oil Waste As Part Substitute Of Fuel	Manas Ranjan Padhi, Siba Prasad Mishra	Mechanical Engineering	Current Journal Of Applied Science And Technology	2021	2457-1024
103	Growth And Productivity Of Maize (Zea Mays L.) As Influenced By Nitrogen Management Options	Sameer Mohapatro, Tanmoy Shankar*, Sagar Maitra, Arunabha Pal, S. P. Nanda, Masina Sai Ram, Shravan Kumar Panda	Agronomy And Agroforestry	International Journal Of Agriculture, Environment And Biotechnology	2021	0974-1712
104	Impact Of Tsunami Relief Measures On The Socio-Economic Condition Of Fishers In Tamil Nadu And Kerala	Dr. Nisha Elizabeth Joshua ¹ , Dr. Arpita Sharma ² , Dr. Amrutha Gopan ³	Fisheries	Multilogic In Science	2021	2277-7601
105	A Review On Entrepreneurial Crisis Management During Coronavirus (Covid-19) Pandemic	Kalee Prasanna Pattanayak, Chitrasena Padhy	Management	Indian Journal Of Natural Sciences	2021	0976-0997
106	Promoting Growth & Resilience Of Businesses During And After The Coronavirus (Covid -19)	Kalee Prasanna Pattanayak, Chitrasena Padhy	Management	Indian Journal Of Natural Sciences	2021	0976-0997

	Pandemic - A Review					
107	Design And Analysis Of Hybrid Microgrid For Remote Area In Odisha	M. Meher, Debasis Sahu	Electrical And Electronics Engineering	Revista Geintec-Gestao Inovacao E Tecnologias (Management, Innovation And Technologies).	2021	2237-0722
108	Enhancement Investigations On Dielectric And Electrical Properties Of Niobium Pentoxide (Nb ₂ O ₅) Reinforced Poly (Vinylidene Fluoride) (Pvdf)- Graphene Oxide (Go) Nanocomposite Films	Srikanta Moharana And R.N Mahaling	Chemistry	Journal Of Asian Ceramic Societies	2021	2187-0764
109	Productivity And Profitability Of Kharif Rice Are Influenced By Crop Establishment Methods And Nitrogen Management In The Lateritic Belt Of The Subtropical Region	Samata Mohanta; Mahua Banerjee; Ganesh Chandra Malik; Tanmoy Shankar; Sagar Maitra; Ismail Ahmed Ismail; Eldessoky S. Dessoky; Attia O. Attia; Akbar Hossain	Agronomy And Agroforestry	Agronomy	2021	2073-4395

110	Design And Analysis Of Electric Vehicle With Battery System	D. R. Sahoo, A. K. Sahoo	Electrical And Electronics Engineering	Revista Geintec-Gestao Inovacao E Tecnologias (Management, Innovation And Technologies).	2021	2237-0722
111	Wild Edible And Minor Fruits Of Odisha	Anant Tamang, Satish Kumar Subba, Sangeet Chhetri	Horticulture	The Pharma Innovation Journal	2021	2349-8242
112	Kinetic Studies Of Esterification Of Butanoic Acid With Cyclohexanol By Saccharomyces Cerevisiae	G.V.S. Sarma A, G.V. Santosh Kumar , M. Vijay , K.V. Ramesh	Chemical Engineering	Materials Today: Proceedings	2021	2214-7853
113	Vermi-Biofiltration For Removal Of Chemical And Biological Pollutants From Municipal Wastewater For Agriculture - A Review	Amit Biswas	Agricultural Engineering	Pollution Research	2021	0257-8050
114	Canopy Temperature Of Potato Crop With Different Planting Dates And Irrigation Frequencies	Amit Biswas, Anindita Roy, M Viswanath, Subhrajyoti Chatterjee And Suprajit Roy	Agricultural Engineering	The Pharma Innovation Journal	2021	2349-8242
115	Consumptive Water Footprints And Water Use Efficiency Of Two Potato	Amit Biswas, Subhrajyoti Chatterjee, M Viswanath, Anindita Roy And Suprajit Roy	Agricultural Engineering	The Pharma Innovation Journal	2021	2349-8242

	Cultivars Under Different Planting Dates With Different Irrigation Frequencies					
116	Statistical Analysis Of Rainfall And Temperature Of Paralakhemundi, Odisha, India	Gourabananda Moharana, Ritesh Kumar Biswal, Satyashree Pahi, Rashmi Bala Das, Mukesh Kumar Khemundu, Suman Sekhar Muduly And Amit Biswas	Agricultural Engineering	Indian Journal Of Natural Sciences	2021	0976-0997
117	Layer Wise Soil Moisture Depletion Rate During Potato Growing Period Under Different Irrigation Frequencies With Different Planting Dates	Amit Biswas, Suprajit Roy, Swarnali Duary And Tufleuddin Biswas	Agricultural Engineering	Indian Journal Of Natural Sciences	2021	0976-0997
118	Modelling And Prediction Of Rainfall By Ann Technique In Krishnanagar, Nadia, West Bengal, India	Amit Biswas, Arup Kumar Das	Agricultural Engineering	Indian Journal Of Natural Sciences	2021	0976-0997
119	Estimation Of Irrigation Water Requirement Of Straw Berry Crop Under Polyhouse And Shadenet	Santosh D.T	Agricultural Engineering	International Journal Of Agricultural Sciences	2021	0973-130x

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120	Response Of Horticultural Crops Under Variable Microclimatic Conditions Of Different Protected Cultivation Structures	Santosh D.T	Agricultural Engineering	International Journal Of Agricultural Sciences	2021	0973-130x
121	Pitcher Irrigation And Surface Cover Management On Bitter Gourd (Momordica Charantia) Production In Alfisols	Arunabha Pal, Angira Prasad Mahata, Abantika Mondal, & Susanta Kumar De	Soil Science	International Journal Of Botany Studies	2021	2455-541x
122	Use Of Geotextiles In Agriculture: A Review Study	Arunabha Pal & Dukka Pranav Reddy	Soil Science	International Journal Of Botany Studies	2021	2455-541x
123	Application Of Various Mulching Treatments With Pitcher Irrigation For Yield Of Tomato (Lycopersicon Esculentum) In Red And Laterite Soil	Angira Prasad Mahata, Abantika Mondal, Arunabha Pal, & Susanta Kumar De	Soil Science	Annals Of The Romanian Society For Cell Biology	2021	1583-6258
124	Field Evaluation Of Bio-Effectiveness Of Acephate 95% Sp Against Insect	Nihal R, Snigdha Samanta And Arunava Samanta	Entomology	The Pharma Innovation Journal	2021	2349-8242

	Pests Of Rice Crop					
125	Postharvest Pathogenic Behaviour Of Different Litchi Varieties	Ritesh Kumar, Priya Bhargava, Monika Karn, Anshu Kumar And Shikha Pathak	Plant Pathology	The Pharma Innovation Journal	2021	2349-8242
126	The Effectiveness Of Phytobiotic Additives In Poultry Nutrition	Lopamudra Samantaray And Dr. Yashaswi Nayak	Zoology	Strad	2021	0039-2049
127	Physiological Disorders Of Tomato- An Overview	Archana Mishra	Horticulture	International Journal Of Farm Sciences	2021	2229-3744
128	Biofloc Technology In Shrimp Culture: Beneficial Effects And Future Opportunities	Chandan Halder	Fisheries	Indian Journal Of Natural Sciences	2021	0976-0997
129	Binding Affinity Comparison Of Selected Phytocompounds From Nutmeg With Human Hypocretin -1 Orexin-A	Dr Rosy Mallik,* Santosh Ku. Nanda	Chemistry	Indian Journal Of Natural Sciences	2021	0967-0997
130	In Silico Screening Of Myristica Fragens Extracts Licarin A, Licarin B, Licarin C, Malabaricone B And Malalabaricon	Santosh Ku. Nanda, Dr Rosy Mallik*	Chemistry	Indian Journal Of Natural Sciences	2021	0967-0997

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131	Malignant Brain Tumor: Current Progresses In Diagnosis, Treatment And Future Strategies	Dr Bhabani Sankar Satapathy, Dr Gurudutta Pattnaik, Binapani Barik, Dr Chandra Sekhar Patro, Swagatika Das	Pharmacy	Annals Of The Romanian Society For Cell Biology	2021	1583-6258
132	Development Of Accelerated Soaking Method For Mustard Using Microwave Assisted Heating	Gitanjali Behera, Madhusmita Behera, Shubhashree Negi, Geeta Challan	Agricultural Engineering	The Journal Of Phytopharmacology	2021	2320-480x
133	Growth Responses Of Horse Gram Macrotyloma Uniflorum (Lam.) Verdc. To Different Organic Farming System	Madhusmita Naik, Sagarika Parida*	Botany	International Journal Of Botany Studies	2021	2455-541x
134	Assessment Of Genetic Parameters, Trait Association And Diversity Analysis In Indian Mustard [Brassica Juncea (L.) Czern And Coss]	Santanu Nandi, Sanghamitra Rout, Bijaya Sur, Moumita Chakraborty, Lakshmi Hijam, Suvendu Kumar Roy	Genetics And Plant Breeding	Biological Forum - An International Journal	2021	0975-1130

135	Alteration In Germination, Growth And Biochemical Parameters In Cucumis Sativus L. Due To Nickel Stress	Atia Arzoo	Chemistry	International Journal Of Botany Studies	2021	2455-541x
136	Enteric Dissolution Enhancement Of Engineered Gastro Resistant Omeprazole Tablets Using Hydroxypropyl Methylcellulose Acetate Succinate	Sagar Mohapatra, Rudra Narayan Sahoo, Subrata Mallick, Rajaram Mohapatra	Pharmacy	Indian Journal Of Pharmaceutical Education And Research	2021	0019-5464
137	Effect Of Ph And Temperature On Swelling Behaviour Of Tamarind Gum	Braja Bihari Panda, Rudra Narayan Sahoo, Subrata Mallick	Pharmacy	Research Journal Of Pharmacy And Technology	2021	0974-3618
138	A Review On Molecular Mechanisms Of Wheat (Triticum Aestivum L.) And Rice (Oryza Sativa L.) Against Abiotic Stresses With Special Reference To Drought And Heat	Shraddha Tomar, Manepalli Seetha Babu, Dinkar J. Gaikwad* And Sagar Maitra	Plant Physiology	International Journal Of Agriculture, Environment And Biotechnology	2021	0974-1712
139	Application Of Chitosan And Chitosan Derivatives: A Review	Hauzoukim, Sagarika Swain, Subal Kumar Ghosh, Anwasha Roy	Fisheries	The Pharma Innovation Journal	2021	2349-8242

140	Current Scenario Of Antibiotic-Resistance In Indian Aquaculture	Anwasha Roy, Avijit Biswas, Subal Kumar Ghosh, Hauzou Kim, Sagarika Swain	Fisheries	The Pharma Innovation Journal	2021	2349-8242
141	Application Of Probiotics In Aquaculture	Sagarika Swain, Hauzoukim, Subal Kumar Ghosh, Sarita Kumari Das, Anwasha Roy	Fisheries	The Pharma Innovation Journal	2021	2349-8242
142	Use Of Fish Otoliths In Habitat Fingerprinting	Sarita Kumari Das, Kamalesh Panda, Sagarika Swain, Pooja Saklani	Fisheries	The Pharma Innovation Journal	2021	2349-8242
143	A Review Of Aristolochia Indica: Ethnomedicinal Uses, Phytochemistry, Pharmacological And Toxicological Effects	Gopal Krishna Padhy	Pharmacy	Current Traditional Medicine	2021	2215-0838
144	In-Vitro And In-Vivo Antioxidant Activity Of Portulaca Pilosa Linn. A Crop Field Weed Containing Phenolic Compounds	Suman Kumar Mekap, Prasana Kumar Panda, Sagar Kumar Mishra, Sagar Suman Panda	Pharmacy	Indian Journal Of Natural Sciences	2021	0976-0997
145	Influence Of Different Storage Temperatures And Packing Material In Extending Shelf Life And Quality Attributes Of Palmyrah (Borassus	Chandra Surya Rao M, Swami Dv, Ashok P, Salomi Suneetha Dr, Sujatha Rv And Sekhar V	Horticulture	The Pharma Innovation Journal	2021	2349-8242

	Flabellifer L.) Neera					
146	Influence Of Packing Material And Storage Conditions In Extending Shelf Life And Quality Attributes Of Palmyrah (Borassus Flabellifer L.) Jaggery	Chandra Surya Rao M, Swami Dv, Ashok P, Salomi Suneetha Dr, Sujatha Rv And Sekhar V	Horticulture	The Pharma Innovation Journal	2021	2349-8242
147	Effect Of Packing Material And Storage Conditions On Storage Stability Of Palmyrah (Borassus Flabellifer L.) Tuber Flour	Chandra Surya Rao M, Swami Dv, Ashok P, Salomi Suneetha Dr, Sujatha Rv And Sekhar V	Horticulture	The Pharma Innovation Journal	2021	2349-8242
148	Investigation Of Dielectric And Optical Properties Of Lead Free Bi _{0.5} Na _{0.5} TiO ₃ (Bnt) Ferroelectric Ceramic.	S. Lenka, T. Badapanda, S. Sarangi	Physics	Indian Journal Of Natural Sciences	2021	0976-0997
149	Investigation Of Dielectric And Relaxor Behaviour Of Bismuth Doped Barium Titanate Ceramic	A. K. Mahapatra, T. Badapanda, S. Sarangi	Physics	Indian Journal Of Natural Sciences	2021	0976-0997

150	Teacher Competence And 21st Century Challenges: A Critical Analysis Of Existing Teacher Competency Frameworks	Sikha Nayak & Prajna Pani	English	Turkish Online Journal Of Qualitative Inquiry	2021	1309-6591
151	Ahp (Analytical Hierarchical Process): A Novel Approach Of Decision Making In Aerospace Industry Supply Chain Optimization	Arabinda Swamy, Dr. Susanta Kumar Mishra	Management	Turkish Online Journal Of Qualitative Inquiry	2021	1309-6591
152	Prioritising The Factors Influencing Productivity In An Aerospace Manufacturing Sector: An Application Of Analytical Hierarchical Process	Arabinda Swamy, Dr. Susanta Kumar Mishra	Management	Turkish Online Journal Of Qualitative Inquiry	2021	1309-6591
153	Assessment And Prioritization Of Supply Chain Risk: Development Of Ahp Model In Aerospace Industry	Arabinda Swamy, Dr. Susanta Kumar Mishra	Management	Turkish Online Journal Of Qualitative Inquiry	2021	1309-6591
154	Food-Drug Interactions: Updates And Prospective	Gannu Sruthi, Y.Shravan Kumar, Gurudutta Pattnaik, Amulyaranta Behera	Pharmacy	Journal Of Huazhong University Of Science And Technology	2021	1671-4512

155	Comparative Evaluation Of Soaking Characteristics Of Chickpea Using Ambient Water, Hot Water And Microwave-Assisted Heating	Gitanjali Behera, Mitali Madhumita, Nayan Kumar Mehera, Malay Ranjan Dash, Sarthan Pradhan	Agricultural Engineering	Journal Of Scientific Research And Reports	2021	2320-0227
156	Understanding Pattern Of Socio-Economics Of Shg Members Engaged In Horticulture Enterprises In Sonepur District Of Odisha	Mita Meher, Satarupa Modak, Subhrajyoti Panda And Sushree Purabi Panigrahi	Agricultural Extension And Communication	The Pharma Innovation Journal	2021	2349-8242
157	Transforming Indian Agriculture With Digital Technologies	B. Ashokkumar And Akkamahadevi Naik	Agricultural Extension And Communication	Asian Journal Of Agricultural Extension, Economics & Sociology	2021	2320-7027
158	Strategies For Doubling Farmers' Income	Ashok Kumar B And Akkamahadevi Naik	Agricultural Extension And Communication	The Pharma Innovation Journal	2021	2349-8242
159	A Study On Dimension Wise Management Efficiency Of Red Gram Growers In North-Eastern Karnataka	Ashok Kumar B And K Venkataranga Naika	Agricultural Extension And Communication	The Pharma Innovation Journal	2021	2349-8242
160	Extension Reforms In India: An Overview	Akkamahadevi Naik And B. Ashokkumar	Agricultural Extension And Communication	Asian Journal Of Agricultural Extension, Economics & Sociology	2021	2320-7027
161	Status And Preparedness For Agriculture	Akkamaha Devi Naik And Ashok Kumar B	Agricultural Extension And Communication	The Pharma Innovation Journal	2021	2349-8242

	Disaster Management: An Overview					
162	Status Of Zero Budget Natural Farming: An Overview	Akkamaha Devi Naik And Ashok Kumar B	Agricultural Extension And Communication	The Pharma Innovation Journal	2021	2349-8242
163	Bio-Fortification An Innovation Approach To Eradicate Hidden Hunger: A Review	Seri Subba Santosh, Siddhartha Shankar Sharma*, Manish Kumar Agrawal, Laxmipreeya Behera And Jannila Praveena	Genetics And Plant Breeding	The Pharma Innovation Journal	2021	2349-8242
164	Preparation Of Biodiesel From Castor Oil And Performance Evaluation In Vcr Engine	Debashree Debadatta Behera, Aman Kumar Gupta, Shiv Sankar Das, Ritik Kumar Bhatta And Avijit Pradhan	Mechanical Engineering	Journal Of Scientific Research And Reports	2021	2320-0227
165	Eddy Viscosity Turbulent Flow Simulation Over A Simplified Ahmed Body Model	Sujit Mishra, Ashok Misra	Mechanical Engineering	Advances In Dynamical Systems And Applications	2021	0973-5321
166	Low Cost Protected Structures For Off-Season Vegetable Production- A Review	Palle Jayasurya, Subhrajyoti Chatterjee*, Amit Biswas, M Viswanath And Anindita Roy	Horticulture	The Pharma Innovation Journal	2021	2349-8242
167	Eco- Friendly Polymeric Films From Banana Peels	N.K. Seth, Chittaranjan Routray	Chemistry	Indian Journal Of Natural Sciences	2021	0976-0997
168	A Comparative Analysis Of Financial Performance Of Hdfc Bank And Icici	Sibaprasanna Pattanaik, Pramod Kumar Patjoshi	Management	Anvesak	2021	0378-4568

	Bank Through Camel Approach					
169	Study On Corporate Financial Distress Scenario In India	Shashikanta Baisag, Pramod Kumar Patjoshi	Management	Niu International Journal Of Human Rights	2021	2394-0298
170	Utilization Of Seaweed-Based Biostimulants In Improving Plant And Soil Health: Current Updates And Future Prospective	Nanda S, Kumar G, Hussain S	Biotechnology	International Journal Of Environmental Science And Technology	2021	1735-1472
171	Block Chain In Modern Finance	Girija Nandini, Pramod Kumar Patjoshi	Management	Anvesak	2021	0378-4568
172	Application Of Interval Type-2 Fuzzy Pid Controller For Frequency Regulation Of Ac Islanded Microgrid Using Modified Equilibrium Optimization Algorithm	Rajendra Kumar Khadanga, Amit Kumar & Sidhartha Panda	Electrical And Electronics Engineering	Arabian Journal For Science And Engineering	2021	2193-567x
173	Cultivar Mixture: Old But Impactful Plant Disease Management Strategy	Gagan Kumar, Md. Mahtab Rashid, Basavaraj Teli, Raina Bajpai, Satyabrata Nanda And Sudheer Kumar Yadav	Plant Pathology	International Journal Of Economic Plants	2021	2349-4727
174	A Detailed Analysis On Performance	Pradipta Kumar Nayak, Anshuman Nayak, Sudhansu Kumar Samal,	Electrical And Electronics Engineering	International Journal Of Contemporary Architecture	2021	2198-7688

	Of Electric Vehicle	Anjan Kumar Sahoo				
175	An Updated Review On Nanomaterials For Biomedical Advancements: Concepts And Applications	Krishnendu Adhikary, Aritra Chatterjee, Pradipta Banerjee*	Biochemistry And Plant Physiology	Bioscience Biotechnology Research Communications	2021	0974-6455
176	Functional Food As An Immuno-Modulator	Vaditandra Bhavani, *Pradipta Banerjee, Preetha Bhadra	Biochemistry And Plant Physiology	Indian Journal Of Natural Sciences	2021	0976-0997
177	Marine Immune Booster: Seaweeds And Corals	Harshita Singh, *Pradipta Banerjee, Preetha Bhadra	Biochemistry And Plant Physiology	Indian Journal Of Natural Sciences	2021	0976-0997
178	Spirulina As An Immune Booster For Fishes	Khumbar Debbarma, *Pradipta Banerjee, Preetha Bhadra	Biochemistry And Plant Physiology	Indian Journal Of Natural Sciences	2021	0976-0997
179	Statistical Designing And Characterization Of Valsartan Oral Disintegrating Tablet	Iizhar Ahmed Syed, Asim Muhammed Alshanberi, Shakeel Ahmed Ansari	Pharmacy	Advances In Pharmacology And Pharmacy	2021	2332-0036
180	Performance Of Rice Cultivar Cr Dhan 307 (Maudamani) As Influenced By Different Planting Densities In Terai Zone Of West Bengal	Manzil Pandey, Parthendu Poddar, Triptesh Mondal, Pratonu Bandyopadhyay And Jaladhar Gorain	Agronomy And Agroforestry	The Pharma Innovation Journal	2021	2349-8242
181	Ltfe: A Tool To Study Changes In	Shiva Kumar Udayana, Puja	Soil Science	The Pharma Innovation Journal	2021	2349-8242

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182	Nutrient Biogeochemistry Of Coastal Soils	Puja Singh, Shiva Kumar Udayana, Siddhartha Mukherjee, Jaison M, Bishnu Prasad Dash And Mehjabeen	Soil Science	The Pharma Innovation Journal	2021	2349-8242
183	Sulphur: A Boon In Agriculture	Shiva Kumar Udayana, Puja Singh, Jaison M. And Anindita Roy	Soil Science	The Pharma Innovation Journal	2021	2349-8242
184	Modulation Of Catalytic And Biomolecular Binding Properties Of Ruthenium(II)-Arene Complexes With The Variation Of Coligands For Selective Toxicity Against Cancerous Cells	Pragti, Bidyut K. Kundu, Chanchalsonkar, Rakeshganguly, Suman Mukhopadhyay	Chemistry	Polyhedron	2021	0277-5387
185	Influence Of Nutrient Levels On Productivity And Nutrient Uptake By Finger Millet (Eleusine Coracana L. Gaertn) Varieties	Pritam Panda, Sagar Maitra, Shravan Kumar Panda, Tanmoy Shankar, Rahul Adhikary, Masina Sairam And Dinkar J. Gaikwad	Soil Science	Crop Research	2021	0970-4884
186	Productivity And Competitive Ability Of Rabi Maize And Legumes Intercropping System	Shravan Kumar Panda, Sagar Maitra, Pritam Panda, Tanmoy Shankar, Arunabha Pal, Masina Sairam And Subhashisa Praharaj	Agronomy And Agroforestry	Crop Research	2021	0970-4884

187	Optimization Of Linear Array Using Modified Social Group Optimization Algorithm	Srikala Evsdsnslk, M.Murali, M. Vamshi Krishna, Gsn Raju	Electronics And Communication Engineering	Journal Of Scientific & Industrial Research	2021	0022-4456
188	Rheological Properties Of Some Vegetables	Sivala Kumar, A Satish Kumar, T Sudhakar Rao	Agricultural Engineering	Green Farming	2021	0974-0775
189	Assessment Of Butterfly Diversity Index In Some Temples Of Puri, Odisha, India	Aradhana Biswal And Sitaram Swain*	Zoology	Journal Of Entomological Research	2021	0378-9519
190	Covid-19 Prevention By Blocking 6m3m From Sars Cov-2 Of Using Allium Sativum Extract: An In Silico Analysis	Sitaram Swain	Zoology	International Journal Of Botany Studies	2021	2455-541x
191	Salicylic Acid Modulates Acs, Nhx1, Sos1 And Hkt1;2 Expression To Regulate Ethylene Overproduction And Na+ Ions Toxicity That Leads To Improved Physiological Status And Enhanced Salinity Stress Tolerance In Tomato Plants Cv. Pusa Ruby,	3.Yalaga Rama Rao, Mohammad Wahid Ansari, Ranjan Kumar Sahoo, Ratnum Kaul Watta, Narendra Tuteja, Vellanki Ravi Kumara	Biotechnology	Plant Signalling And Behaviour	2021	1559-2316

192	A Deep Learning Method To Forecast Covid-19 Outbreak	Satyabrata Dash, Sujata Chakravarty, Sachi Nandan Mohanty, Chinmaya Ranjan Pattanaik, Sarika Jain	Computer Science And Engineering	New Generation Computing	2021	0288-3635
193	A Systematic Review On Approach And Analysis Of Bone Fracture Classification	Santoshachandra Rao Karanam, Y. Srinivas, S. Chakravarty	Computer Science And Engineering	Materials Today: Proceedings	2021	2214-7853
194	Hematological Signatures In Technopreneurial Rational Decision Corridors	Satpathy, J., Gankar, S.S., Hejmadi, A. And Mallik, B.	Mathematics	The Iup Journal Of Organizational Behavior	2021	0972-687x
195	Investigation Of Solubility Parameter Of Ionic Liquids Through Molecular Dynamics Simulation	Srikant Sahoo	Chemistry	Indian Journal Of Natural Sciences	2021	0976-0997
196	Elementary Framework For An Iot Based Diverse Ambient Air Quality Monitoring System	Jitendra Pramanik, Abhaya Kumar Samal, Subhendu Kumar Pani,, Chinmay Chakraborty	Electrical And Electronics Engineering	Multimedia Tools And Applications	2021	1380-7501
197	Gis Based Saltwater Vulnerability Mapping Of The Northern Coast Of Odisha, East Coast Of India	K K Barik, S R Panda, S Nanda, J K Tripathy, P K Chhotaray, S P Mishra, D Mitra	Civil Engineering	Arabian Journal Of Geosciences	2021	1866-7511
198	The Vulnerability And Management To The Blue	S P Mishra, K K Barik And S K Pattnaik	Civil Engineering	International Journal Of Lakes And Rivers	2021	0973-4570

	Carbon Ecosystem: Coastal Odisha					
199	12-Deoxyphorbol 13- (9, 10-Methylene) Undecanoate As A Drug Candidate For Tuberculosis	Subhankar Dash, Jyoti Prakash Rath	Botany	Indian Journal Of Natural Sciences	2021	0976-0997
200	Technology Adoption Of Farmers Regarding System Of Rice Intensification (Sri) Method In Puri District Of Odisha, India	Ajay Kumar Prusty, Sandeep Rout, Kalyani Pradhan, Gyanaranjan Sahoo, Lakhan Lal Meena And Lipsa Dash	Agricultural Extension And Communication	Journal Of Tianjin University Science And Technology	2021	0493-2137
201	Identification And Standardization Of Maize Genotype For The Rearing Of Maize Spotted Stem Borer, Chiloptartellus (Swinhoe) On Its Natural Host	Manish Kumar Yadav, Lipsa Das And Sandeep Rout	Entomology	International Journal Of Botany Studies	2021	2455-541x
202	Evaluation Of Host Plant Resistance Traits In Certain Genotypes Of Maize (Zea Mays L.) Against Maize Spotted Stem Borer (Chiloptartellus Swinhoe, Crambidae)	Manish Kumar Yadav, Lipsa Das And Sandeep Rout	Entomology	International Journal Of Entomology Research	2021	2455-4758

203	Floristic Inventory Of Hydrophytes With Special Reference To Their Ethnomedicinal Uses In Khordha District Of Odisha	Bhagyeswari Behera And Kunja Bihari Satapathy	Botany	International Journal Of Botany Studies	2021	2455-541x
204	Neem: Treasure Of Natural Phytochemicals	Soma Maji And Satarupa Modak	Dairy Technology	Chemical Science Review And Letters	2021	2278-6783
205	Long-Run Market Performance Of Acquiring Companies Using Bhar Approach: Evidence From India	Debi Prasad Satapathy And S R Mohapatra	Management	Journal Of Tianjin University Science And Technology	2021	0493-2137
206	Biopesticides And Their Encapsulation Techniques: Current Updates And Future Prospective	Satyabrata Nanda, Triptesh Mondal, Sudheer Kumar Yadav And Gagan Kumar	Agronomy And Agroforestry	International Journal Of Theoretical And Applied Sciences	2021	0975-1718
207	Aqua-Drugs And Chemicals Used In Freshwater Aquaculture- A Review	Anwasha Roy*1, Subal Kumar Ghosh 1 , Haujokim1, Sagarika Swain1, Koyel Bhattacharya2, Debopriyo Mukherji2, Avisek Bardhan2	Fisheries	The Pharma Innovation Journal	2021	2349-8242
208	Application Of Seaweeds And Functional Properties	Haujokim1*, Subal Kumar Ghosh1, Sagarika Swain1, Anwasha Roy1, Sambid Swain1 And	Fisheries	The Pharma Innovation Journal	2021	2349-8242

		Sreepriya Prakasan2				
209	Characterization And Molecular Docking Of Kaolin-Based Cellulosic Film For Extending Ophthalmic Drug Delivery	Ashirbad Nanda	Pharmacy	Indian Journal Of Pharmaceutical Sciences	2021	0250-474x
210	High Order Oscm For Two Point Boundary Value Problem, High Order Oscm For Neumann Boundary Conditions	Santosh Kumar Bhal, Balaji Padhy	Mathematics	Indian Journal Of Natural Sciences	2021	0976-0997
211	Effect Of Organic Manure On Growth And Development Of Amur Carp	Deepanwita Sahoo, Atia Arzoo, Yashaswi Nayak	Zoology	Gis.Science	2021	1869-9391
212	Performance Analysis Of Variable Compression Ratio Engine Using Argemone Mexicana Biodiesel	Manas Ranjan Padhi And Subham Chakraborty	Mechanical Engineering	Turkish Online Journal Of Qualitative Inquiry	2021	1309-6591
213	Green Synthesis Of Gold Nanoparticles: Catalytic Reactivity Towards Degradation Of	Anupam Sahoo, Sangita Kumari Swain, Niladri Sarkar	Chemistry	Indian Journal Of Natural Sciences	2021	0976-0997

	Paranitrophenol					
214	Graphene Based Polymer Nanocomposites As Packaging Materials : A Review	Niladri Sarkar, Gyanaranjan Sahoo, Anupam Sahoo	Chemistry	Indian Journal Of Natural Sciences	2021	0976-0997
215	Design And Analysis Of Voltage Regulator For A Microgrid For Voltage Regulation And Protection	Sasanka Tripathy, Rama Prasanna Dalai	Electrical And Electronics Engineering	Design Engineering (Toronto)	2021	0011-9342
216	Ecological And Breeding Behaviour Of Selected Anurans In India: A Review	Bhagyashree Panda And Siba Prasad Parida	Zoology	Indian Journal Of Natural Sciences	2021	0976-0997
217	Comparative Study On Ecology And Breeding Behavior Of Two Anuran Species Of Ranid Euphleatics Hexadactylus And Rachophorid Polypedatus Maculatus In North Odisha	Bhagyashree Panda And Siba Prasad Parida	Zoology	Journal Of Advanced Zoology	2021	0253-7214
218	Evaluation Of Cell Parameter Variation On Energy Absorption Characteristic	Santosh Kumar Sahu, Sutanu Samanta, P. S. Rama Sreekanth	Mechanical Engineering	Arabian Journal For Science And Engineering	2021	2193-567x

	Of Thermoplastic Honeycomb Sandwich Structure					
219	Renewable Energy (The Alternate Source Of Energy)	Sasmita Jena	Mathematics	Indian Journal Of Natural Sciences	2021	0976-0997
220	Marine Drive Highway Along Central Odisha Coast, India; Feasibility And Eia Inferences	Siba Prasad Mishra	Civil Engineering	Current Journal Of Applied Science And Technology	2021	2457-1024
221	Probing The Crisis Of Regional Connectivity Instigated By The Natural Disasters, Mizoram, India	Siba Prasad Mishra, Jyoti Prakash Puhana, Saswat Mishra	Civil Engineering	International Journal Of Environment And Climate Change	2021	2581-8627
222	Physiognomies And Strength Investigation Of Concrete Part Blended By Wood Ash	Smruti Saswati Dash, Siba Prasad Mishra, Sagarika Panda	Civil Engineering	International Journal Of Environment And Climate Change	2021	2581-8627
223	Entropy Optimized Darcy-Forchheimer Slip Flow Of $Fe_3O_4-(CH_2OH)_2Fe_3O_4-CH_2OH_2$ Nanofluid Past A Stretching/Shrinking Rotating Disk	Manoj Kumar Nayak, Arun Patra, Sachin Shaw, Ashok Misra	Mathematics	Heat Transfer	2021	2688-4542

224	Flow And Heat Transfer Analysis Of H ₂ O-Al ₂ O ₃ Nanofluid Over A Stretching Surface With Electrified Nanoparticles And Viscous Dissipation	Subhashree Panda, Ashok Misra*, Saroj Kumar Mishra, Aditya Kumar Pati, Kamal Kumar Pradhan	Mathematics	Advances In Dynamical Systems And Applications	2021	0973-5321
225	Electrochemical Mass Transfer In Bubble Columns With Conical Entry In The Presence Of Displaced Devices	Gvs Sarma, P Swarnadhar, M Vijay, K V Ramesh	Chemical Engineering	Aip Conference Proceedings	2021	0094-243x
226	Management Of Construction And Demolished Waste As An Aggregate Substitute In Cement Concrete	Jayasmita Mahakud, Siba Prasad Mishra, Ramesh Chandra Mohanty, Sagarika Panda	Mechanical Engineering	International Journal Of Environment And Climate Change	2021	2581-8627
227	Potassic Fertilizer Management For Sustainable Groundnut Productivity In India: A Review	Bornali Borah	Soil Science	Agricultural Reviews	2021	0253-1496
228	A Review On Rhizobia And Pgps Interactions In Legumes	Soumya Routray, Suman Kumari, Bornali Borah, Harsha Shelat, J. P. Solanki, Veena Khanna	Soil Science	The Pharma Innovation Journal	2021	2349-8242

229	Business Ethics In Organisations Of Asia, Europe And U.S Countries	G.Mansa & Dr.Madhusmita Choudhury	Management	Levant	2021	0075-8914
230	Effect Of Gender & Course On Self-Management & Online Learning Effectiveness	Dr.Madhusmita Choudhury & Dr. Preeti Sharma	Management	Levant	2021	0075-8914
231	Non-Conventional Approach For The Management Of Early Blight Disease In Potato	Ritesh Kumar, Anshu Kumar, Drs Bharati, Shikha Pathak And Monika Karn	Plant Pathology	The Pharma Innovation Journal	2021	2349-8242
232	Enhancement Of Surface Quality Of Dmls Aluminium Alloy Using Rsm Optimization And Ann Modelling	Dr.P. S.Rao, A. Subhramanyam,K. Siva Prasad ,	Mechanical Engineering	Journal Of Mechanical Engineering	2021	1823-5514
233	Rna Interference: A Functional Genomics Approach For Plant Disease Management	Sutar Suhas Bharat, Sonu Priya Sahu, Subhransee Sanlistha Sahu, Pratyasha Mohanty, Satyabrata Nanda, Rukmini Mishra	Botany	Asian Journal Of Biological And Life Sciences	2021	2278-747x
234	Heterosis Studies In Maize (Zea Mays L.) For Grain Yield And Its Attributes	Niranjan Kumar Chaurasia, Rbp Nirala, Raj Kishor Roy And Jai Prakash Yadav	Genetics And Plant Breeding	The Pharma Innovation Journal	2021	2349-8242

235	A Review On Phytochemicals Present In Ocimum Santum And Its Medicinal Property	Nibedita Badajena, Atia Arzoo	Chemistry	International Journal Of Botany Studies	2021	I2455-541x
236	Identification Of Phytochemicals And Anticancer Activity Of Ethanolic Extract From The Tubers Of Typhonium Flagelliforme (Lodd.)	D. Swain, G. Pushpalatha*, M. J. Bordoli, P. Das	Biotechnology	International Journal Of Botany Studies	2021	2455-541x
237	Variability Studies For Yield And Biochemical Traits In Different Rice (Oryza Satival.) Genotypes Under Irrigated And Drought Stress Conditions	Sirisha Bora, Pushpalatha Ganesh, Hari Ram Kumar And Prabhat Kumar	Biotechnology	Bulletin Of Environment, Pharmacology And Life Sciences	2021	2277-1808
238	Valorization Of Crustacean Shell Waste For Extraction Of Chitin And Chitosan	Sushree Mandal, Subal Kumar Ghosh, Sagarika Swain, Sambid Swain, Hauzoukim, Anwasha Roy And Pallavi Panda	Fisheries	The Pharma Innovation Journal	2021	2349-8242
239	Bioactive Antidiabetic Flavonoids From The Stem Bark Of Cordia Dichotoma Forst.: Identification,	N. Hussain, B.B. Kakoti, M. Rudrapal, R. K. Sahoo, K. Sarwa, I. Celik, E. I. Attah, S. J. Khairnar, S. Bhattacharya And S. G. Walode	Pharmacy	Molbank	2021	1422-8599

	Docking And Admet Studies					
240	Transition Metal Catalyzed Hydroalkoxylation Of Alkynes: An Overview	Dr. Santosh K. Nanda, Dr. Rosy Mallik	Chemistry	Chemistry - A European Journal	2021	0947-6539
241	Learning By Doing: Enhancing Speaking Skills Of Engineering Students Through Tbl Approach	N.R. Howji, S. Allamneni, Ajit Kumar Pradhan And V.K Chauvan	English	International Journal Of Aquatic Science	2021	2008-8019
242	Novel Zno Blended Sno2 Nanocatalysts Exhibiting Superior Degradation Of Hazardous Pollutants And Enhanced Visible Photoemission Properties	A.Palai,N.R,Panda, Dojalisa Sahu	Chemistry	Journal Of Molecular Structure	2021	0022-2860
243	Studying The Effects Of Cu Doping On Structure And Photoluminescence Properties Of Sno2 Nanoparticles With Its Effectiveness Towards The Mineralization Of Toxic Industrial Dye	Pk Mishra, Nr Panda, Sp Pati, Sk Biswal, Dojalisa Sahu	Chemistry	Ecs Journal Of Solid State Science And Technology	2021	2162-8769

244	Bio-Hydrothermal Synthesis Of ZnO-ZnFe ₂ O ₄ Nanoparticles Using Psidium Guajava Leaf Extract: Role In Waste Water Remediation And Plant Immunity	S K Sahoo, G K Panigrahi, A Sahoo, A K Pradhan, A Dalbehera	Chemistry	Journal Of Cleaner Production	2021	0959-6526
245	Physiological And Molecular Mechanism Of Nitrate Uptake And Assimilation In Plants - A Review	Lalichetti Sagar , Sultan Singh , Dinkar J. Gaikwad * , Sagar Maitra , Kazem Nikzad, Meenakshi Attri And Masina Sairam	Plant Physiology	International Journal Of Botany Studies	2021	2455-541x
246	A Review On Long Distance Phloem Transport And Distribution Of Photo Assimilates Into Developing Organs	Masina Sairam, Dinkar J. Gaikwad * , Sagar Maitra And Sagar Lalichetti	Plant Physiology	International Journal Of Botany Studies	2021	2455-541x
247	A Comprehensive Study Of A Pid Controller For The Speed Control Of Dc Motor	Smita Jana, Rama Prasanna Dalai, Jharna Majumdar, Sudip Gupta	Electrical And Electronics Engineering	Indian Journal Of Natural Sciences	2021	0976-0997
248	Formulation Development And Characterization Of Lamotrigine-Salicylic Acid Crystalline	Rudra Narayan Sahoo, Bhabani Sankar Satapathy And Subrata Mallick	Pharmacy	Indian Journal Of Chemical Technology	2021	0971-457x

	Product: A Strategy To Improve Oral Release Of Drug For Better Management Of Epilepsy					
249	High Order Oscm For Neumann Boundary Conditions	Santosh Kumar Bhal, Balaji Padhy	Mathematics	Indian Journal Of Natural Sciences	2021	0976-0997
250	Effect Of Sesame + Pulses Intercropping Systems On Growth, Yield And Quality Parameters Of Sesame	B. Arpita1*, G. C. Malik2, Mahua Banerjee3 And Jnana Bharati Palai4	Agronomy And Agroforestry	The Pharma Innovation Journal	2021	2349-8242
251	Design Innovation And Industrial Utilization Of Bamboo: A Prospective Base Of Income For Rural Livelihoods	Gyana Ranjan Sahoo, Sandeep Rout, Lipsa Dash	Entomology	Journal Of Tianjin University Science And Technology	2021	0493-2137
252	Periplaneta Americana L. A Potential Source Of Traditional Medicine: Chemometric Analysis, In Vitro And In Silico Study	Suchismeeta Behera, Amulyaratna Behera, Suman Kumar Mekap, Chinmaya Chidananda Behera, Atul Kadam, Prafulla K Mohanty	Pharmacy	Journal Of Biomolecular Structure And Dynamics	2021	0739-1102
253	Lithium-Ion Battery And Battery Management System For An Electric Vehicle	Abhijit Mohakud, Dr.Sudhansu Kumar Samal	Electrical And Electronics Engineering	Design Engineering (Toronto)	2021	0011-9342

254	Renewable Energy Sources, Technologies And Protection Challenges In Indian Context: A Comprehensive Review	Anjan Kumar Sahoo, Girija Sankar Panigrahi, Krushna Keshab Baral, Sudhansu Kumar Samal	Electrical And Electronics Engineering	Design Engineering (Toronto)	2021	0011-9342
255	An Insight Into Mechanical & Thermal Properties Of Shape Memory Polymer Reinforced With Nanofillers; A Critical Review	Somalika Pradhana , Santosh Kumar Sahub , Jitendra Pramanik , Nitesh Dhar Badgayan	Electrical And Electronics Engineering	Materials Today: Proceedings	2021	2214-7853
256	Estimation Of Fish Production In India Using Arima, Holt's Linear, Bats And Tbats Models	Pradeep Mishra, Soumik Ray , Abdullah Mohammad Ghazi Al Khatib, Mostafa Abotaleb , Shiwani Tiwari, Amr Badr And Ritisha Balloo	Agricultural Statistics	Indian Journal Of Ecology	2021	0304-5250
257	An Improved Harmony Search Based Extreme Learning Machine For Intrusion Detection System	Nitu Dash, S. Chakravarty, S. Satpathy	Computer Science And Engineering	Materials Today: Proceedings	2021	2214-7853
258	Cutting Force Measurement In Turning Of Aluminium Alloy Using Taguchi Method	Dillip Kumar Mohanta, Mohammed Siddique	Mathematics	Indian Journal Of Natural Sciences	2021	0976-0997

259	Does Corporate Governance Matter ? Evidence From Indian Banking Companies	Debi Prasad Satapathy And Mohapatra .S R	Management	Journal Of Jilin University	2021	1671-5497
260	Modification Of Biocoke Destined For The Fabrication Of Anodes Used In Primary Aluminum Production	Belkacem Amara, Fatima-Ezzahra Faouzi, Duygu Kocaefe, Yasar Kocaefe, Dipankar Bhattacharyay, Jules Cote, Andre Gilbert	Chemistry	Fuel	2021	0016-2361
261	Beneficial Microorganisms For Stable And Sustainable Agriculture	Gagan Kumar, Md. Mahtab Rashid, Satyabrata Nanda	Plant Pathology	Biopesticides International	2021	0973-483x
262	Evaluation Of Various Insecticides As Seed Protectants Against Pulse Beetle, <i>Callosobruchus chinensis</i> L. Chrysomelidae On Pigeonpea <i>Cajanus cajan</i> L. Seed Under Ambient Storage	Manish K Yadav, Lipsa Das And Sandeep Rout	Entomology	Journal Of Plant Development Sciences	2021	0974-6382
263	Review On Deep Learning Based Automatic Detection Of Covid -19 From Chest X- Ray Images	Debaraj Rana, Subrat Kumar Pradhan	Electronics And Communication Engineering	Current Journal Of Applied Science And Technology	2021	2457-1024

264	Facial Expression Recognition Using Python & Cnn Model	Debaraj Rana, Subrat Kumar Pradhan	Electronics And Communication Engineering	Current Journal Of Applied Science And Technology	2021	2457-1024
265	Environmental Health: The Most Neglected Part Of One Health	Mrs Sonali Dash, Dr. Adya Prakash Rath	Paramedics	Environment Conservation Journal	2021	0972-3099
266	Major Fungal Diseases Of Rice: A Case Study	Suchismita Samal, Sagarika Parida	Botany	Asian Journal Of Biological And Life Sciences	2021	2278-747x
267	Quantitative Ecological Study Of Rhizophoraceae Mangroves Of Bhitarkanika Wildlife Sanctuary Regions Of Odisha Coast, India	Srinivas Acharya , Deepak Kumar Patra, Gyanranjan Mahalik*, Pradipta Kumar Mohapatra	Botany	Proceedings Of The National Academy Of Sciences, India Section B: Biological Sciences	2021	0369-8211
268	Medicinal Uses Of Rare, Endangered And Threatened (Ret) Plant Species	Samikshya Jena, Prachi Pratyusha Behera, Ushashee Mandal, Sagarika Parida, Gyanranjan Mahalik*	Botany	Journal Of Plant Development Sciences	2021	0974-6382
269	Pollen Carrying Capacity Of Apis Cerana Indica F. In Gajapati District Of Odisha	Deepayan Padhy, V Ramalakshmi, Lipsa Dash, Dr. Sudhanshu Bala Nayak And Dr. Nihal R	Agronomy	The Pharma Innovation Journal	2021	2349-8242
270	Embelia Ribes Burm F. (Vai Vidanga)- An Overview	Sandeep Rout, Gyanaranjan Sahoo, Deepayan Padhy, Udit Narayan Mishra And Ajay Kumar Prusty	Agronomy	International Journal Of Modern Agriculture	2021	2305-7246

271	Foraging Speed Of Castor Pollinators	Sudhanshu Bala Nayak, Yogesh Kumar, Sunita Yadav , K Sankara Rao	Entomology	Indian Journal Of Entomology	2021	0367-8288
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7.Seminars & Conferences

Different Schools of the University organised a number of seminars, workshops & conferences in-house. The details of these are presented in Table below.

Table 7: Details of Seminars, Workshops & Conferences Organised in 2021-22

CONFERENCES

Sl. No.	Topic
1.	National level Conference, sponsored by AICTE on " Repair & Maintenance of Distribution Transformer,,BBSR 25th to 26th August 2021
2.	International Conference" Recent Advances on Applied Physics All Campus 04-08-2021 Dr. Tapan Dash SOAS
3.	National Conference on Recent Trends in Bio-Sciences All Campus 06-03-2022 Dr. Gagan Kumar Panigrahi SOAS
4	Conference on Role of the University in Achiving SDGs Online (Zoom) 5.10.2021 to 6.10.2021 Dr. Ambika
5	International Conference on Pulses Research (ICPR2022)", an international conference (virtual mode) along with the Society for Plant and Agricultural Sciences on 10th Feb, 2022
6	International Conference on "Recent Advances in Materials during 21-23 March 2022.
7	International conference Bioresources of Our Environment: Utilization and Conservation" in hybrid mode from 28th, March to 30th March 2022.

WEBINAR/SEMINAR

SL.N O.	Webinar/Seminar	Dates delivered	No of trainin g days	Resource person Name
1	Webinar on Theories Governing Ecological Dynamics in a Regional Scale: Insights from long term Monitoring of wetland Ecosystems	11.01.2021	1 hr	Dr. B. Anjan Kumar Prusty, Associate Professor and Head, Department of Natural Resource Management and Geoinformatics, Khallikote University, Berhampur
2	Webinar on: Novel Lysogenic-Lytic Switch	20.02.2021	1 hr	Dept. of Physics. University of Texas at Arlington, USA
3	Data Analytics Webinar	11.05.2021	1	Mr. Muralidhara Anandamurthy, Academic Ambassador JMP(Statistical Discovery from SAS) JMP
4	Webinar on "Sustainable Development and Clean Energy"	19.05.2021	1	Mr. Dhruv Bhardwaj (Sr.G.M. Senior General Manager Sustainable Development Asia Pacific, at Schneider Electric.)and Mr. Gautam Pradhan(Regional Head, Odisha and Jharkhand, Selco)
5	Webinar on Integration of Effluent Treatment using Integrated Phycoremediation and Microalgal Biorefinery	29.05.2021	1 hr	Dr.Ram Chavan, Assistant professor, School of Bioengineering Sciences and Research in MIT, Pune
6	Webinar on Bee Keeping: Vital input for Sustainable Livelihood	05.06.2021	1	Dr. Rajeshkumar Sivakumar, Asst.Professor, Department of Zoology at

				Kongunada Arts & Science College Tamil Nadu
7	Webinar on Biology of Birds	14.06.2021	1	Prof. Dr. Shiba Prasad Parida, Associate professor, Department of Zoology, School of Applied Science, CUTM, BBSR
8	webinar on “Innovation and Intellectual Property Management in HEIs”	02.08.2021	1	Dr. Bijay Kumar Sahu
9	Webinar on "Return of the Taliban and the Future of Afghanistan"	03.09.2021	1	Dr. Madhumita Das
10	webinar on Science, Engineering and Technology in Nature	13.09.2021	1	Dr. G.N. Indresha
11	webinar on Genomic approaches towards improvement of Pearl Millet	29.09.2021	1	Dr. Harshraj Subhash Shinde
12	Webinar on "Rechargeable Batteries for energy storage applications"	30.09.2021	1hr	Dr. Rajendra Singh Dhaka
13	Webinar on Sustainable fishery, how to achieve it	07.10.2021	1 day	Dr. Algari Thivakaran
14	Webinar on Analysis and Solutions of various	18.10.2021	1hr (Online)	DR. DILLIP ROUT

	Attacks on Online Social Network (OSN)			
15	Webinar on "Numerical prediction of microscale fluid flow and heat transfer"	22.12.2021	1	Dr. Manoj Kumar Moharana, Assistant Professor Grade I, Department of Mechanical Engineering, National Institute of Technology Rourkela
16	Webinar on Advanced Concept in Nutrition and Health of Fish	25.12.2021	1	Dr. A Shanmugam , D.Sc,FAZ,FNIE ,Dip.LCS(Belgium) , Professor (Retd.) ,Faculty of Marine Sciences , Annamali University, Parangiperrai, Tamilnadu
17	Webinar on "Innovation Amidst COVID-19 Pandemic: The IISER Pune Story"	28.01.2022	1	Dr. Sunil Nair, IISER Pune
18	Webinar on "Introduction to 3D Game Design & Development Process"	05.02.2022	1	Rajesh M Dharan holds the position of Senior Game Generalist at Fingent Global Solutions, Infopar, Koch
19	Webinar " Robotics"	15.02.2022	1	Prof. N.Jeevartnam (Co-ordinator)
20	webinar on "Intellectual Property Rights (IPR) Awareness Programme " under National Intellectual Property	25.02.2022	1	Mr. Pritidh R Pradhan, Mr. Dhiren Pattanayak

	Awareness Mission (NIPAM)			
21	Private Wealth Management and Digital Strategy".	05.10.2021	1	Dr. ANITA PATRA
22	Ethnography and Ethnographic Tools in Research"	16.10.2021	1	Dr. Madhumita Das
23	Insta Money App	06.11.2021	1	K V Kalyan
24	one day seminar on "Energy, Radiation and Materials	27.10.2021	1	<p>1. Prof. S. K. Biswal (Vice – President of IANCAS-ERC)</p> <p>2. Prof. K. K. Nanda, Director, IOP & President, IANCAS-ERC</p> <p>3. By Dr. S. N. Sarangi, IOP)</p> <p>4. Dr. Binita Nanda, ‘SoA’ University</p> <p>5. Dr. Biswajit Mallick, IOP</p>

WORKSHOP

Sl. No.	Workshop Title	Dates delivered	No of training days	Resource person Name
1	Workshop on Genomic data analysis	23.06.2021 - 24.06.2021	2	Chris Kirchberg, Academic Ambassador JMP, USA
2	Workshop on Dam Break Modelling Using HEC RAS	03.08.2021 - 05.08.2021	3	Dr.Prafulla Kumar Panda (CUTM), Dr.Kamal Kumar Barik(CUTM), Rosysmita Bikram Singh((NIT Rourkela), M.Uma Maheswar Rao(NIT Rourkela), Satya Narayana Bhuyan((NIT Rourkela)
3	Workshop on NAAC Preparedness	30.12.2021	1	Prof. Amiya Rath, Dr. B.S. Ponnudiraj, Dr. Ruchi Tripathi , Dr. Neelesh Pandey , Advsor NAAC
4	Workshop on Goal Setting	05.01.2022 to 06.01.2022	2	Prof. P.K. Mohanty
5	Workshop on Recent Trends in Software Industries	11.01.2022	1	Mr. Jeevan Jena
6	Workshop on Drone Image Processing (DIP-2022)	08.02.2022 to 12.02.2022	5	Dr. Sujata Chakravarthy, Dr. Sunny, Dr. Prafulla Panda
7	Workshop On Skill Set Required For Entrepreneurship	23.02.2022	1	Dr. Namita Patnaik, Maharshi Law College

8	workshop on "Infographics: A Powerful Tool for Visual Communication".	04.03.2022		Dr. Prajna Pani, Mr. Raj
9	Workshop on "Scope and Career in Clinical Research	05.03.2022	1	Mr Ajit Kumar Tripathy, Director, Clininstinct, India

8. Faculty & Staff Development Programmes

The Faculty and Staff are the most important resource of the University. The faculty strength includes 205 in Paralakhemundi campus, 157 in Bhubaneswar campus, 25 in Rayagada campus and 33 in Bolangir campus. To improve the faculty resource in line with the needs of the internal and external environment, the University recruit's new faculty and staff and upgrades their competencies on a continuous basis. During the year Faculty Development Programmes were organised in-house for enhancing domain knowledge, teaching learning skill and competencies in engaging with community. The details are presented in Table 7.1. Faculty and Staff are sponsored to participate in programs outside the university, in areas that are not covered in-house.

Table 8 : Details of In-house Faculty Development Programmes (2021-22)

Sl. No.	FDP Title	Dates delivered	No of training days	Resource person Name
1	Material Studio FDP	06.05.2021	1	Dr. Padmaja Pattnaik
2	CATIA FDP	18.05.2021 to 09.06.21	21 Days	Ms. Sipalin Nayak, N.Laxmidhar Reddy
3	Python FDP	24.05.2021 to 15.06.21	21 Days	Dr. Prafulla Panda & Dr. Amit
4	Material Studio FDP	24.05.2021 to 15.06.21	21 Days	Dr. Padmaja Pattnaik
5	FDP session on Design of Experiments by Center for drug design	31.05.2021	1	Dr. Gurudutta Pattnaik

6	FDP on Suitable Journal Selection and Journal Metrics	3-10.06.2021	7	Dr. Susanta Kumar Biswal
7	FDP on Patents, Copyrights and Design Patents	12.06.2021	1	Dr. ANITA PATRA
8	FDP on Recent advances in crop management	14-19.06.2021	6	Tanmoy Shankar
9	FDP on "Go to Market"	14.06.2021	1	Sipalin Nayak
10	FDP on Academic Writing	14.06.2021	1	Dr. Madhumita Das
11	FDP on AI ML and Video Processing	14.06.2021	1	Dr. Dillip Rout
12	Material Studio FDP	14.06.2021	1	Padmaja Patnaik
13	FDP on Academic Writing	15.06.2021	1	Dr. Madhumita Das
14	FDP on Problem Solving and Creative Thinking	16.06.2021	1	Dr. Madhusmita Choudhury
15	SIMULIA FDP	17.06.2021	1	Dr. Mukundjee Pandey
16	FDP on Business Model Canvas and Lean Canvas	18.06.2021	1	Kalapoorna Nalla
17	FDP on Business Model Canvas and Lean Canvas	19.06.2021	1	Kalapoorna Nalla
18	FDP on "Artificial Intelligence, Machine Learning and Video Processing"	21.06.2021	1	jeeva ratnam

19	FDP series of Education Technology on Adobe Workshop	21 to 24.06.2021	3	Dr. Madhumita Das
20	FDP on Adobe Photoshop	24.06.2021	1	Kalapoorna Nalla
21	FDP on JAVA+NodeJS+Python	24.06.2021	1	Padmaja Patnaik
22	FDP on "Artificial Intelligence, Machine Learning and Video Processing"	25.06.2021	1	Nilamadhab Dash
23	FDP series of Education Technology on Academic Writing	25.06.2021	1	Professor (Dr.) R.C.Mohanty
24	FDP training on "Fundamental of Image and Video Processing "	25.06.2021	1	Sasmita Nayak
25	FDP on Academic Writing	25.06.2021	1	Kalapoorna Nalla
26	FDP series on Video Editing	28.06.2021	1	Dr. Madhumita Das
27	FDP on NGS Data analysis	30.06.2021	1	Chris Kirchberg, USA
28	FDP on Smart Agriculture	01.07.2021	1	Dr. ANITA PATRA
29	FDP on Digital Marketing	02.07.2021	1	Kalapoorna Nalla
30	FDP on Data Analysis	06.07.2021	1	Dr. Madhumita Das
31	FDP talk on "Innovation and Technology Frontiers of	13.07.2021	1	Dr. ANITA PATRA

	Unmanned Vehicles: An Overview"			
32	ATAL FDP	26 to 30.07.2021	5 days	Dr. Ashok Mishra
33	FDP on NGS Data analysis	01.08.2021	1	Chris Kirchberg, USA
34	FDP on Sustainable Development Goals	19.09.2021	1	Prof. Supriya Pattanayak
35	FDP on "Ansys EM training in Research"	16/11/2021	1	By CADFEM
36	Five-Days Online FDP on Smart Manufacturing through Digital Manufacturing	22.11.2021 - 26.11.2021	5	Dr. P.S.Rao, Swarna prabha & Subrat Pradhan, Mr. Mukund jee Pandey
37	FDP on "MATLAB in Research"	23.12.2021	1	Mr. Subhajit Goswami, MathWorks

*** Only a few of the FDPs are mentioned here, this is not an exhaustive list.**

9. Recognitions & Achievements

Ph.D. Awarded

- Madusmita Ghadai In Civil Engineering “Multi-Variate Statistical Studies On Spatial & Temporal Variations Of Surface Water Quality In Brahmani River, India And Development Of Integrated Model For Quality Assessment Using Analytical Hierarchy Process”
- Aditya Kumar Pati in Mathematics “Heat and Mass Transfer Analysis in Modelling Laminar Boundary Layer Nanofluid Flow With Nanoparticle Electrification.”
- Jayasankar Panda In Management, “Impact Of Hearing Impairment On Communication And Behaviour Of Elderly Person.”
- Vadrevu Pavan Kumar in Computer Science & Engineering “Personal Privacy Preserving Data Publication in the Age of Big Data.”
- B.S.S.V.Ramesh Babu in Electronics & Communication Engineering “Novel Techniques of Elliptical Antenna Array Synthesis Using Evolutionary Computing Tools.”
- A.V.S.Swathi in Computer Science & Engineering “Optimization of Circular Antenna Array Using Evolutionary Computing Tools.”

- *Ravuri Viswanadham in Electronics & Communication Engineering “Investigation on Non-Uniform Sampling Schemes For Signal Processing and Wireless Communication Applications.”*
- *Santosh Patro In Mechanical Engineering “Multi Response Optimization Of Process Parameters In Wire Edm Machining Of D2 Steels With Grey Fuzzy Technique”*
- *Arun Kumar Patra in Mathematics “Study On Different Aspects of Magnetohydrodynamic Flow Phenomena of Nanofluids over the Stretching/Shrinking Surfaces.”*
- *Kamala Kumar Pradhan in Mathematics “Modeling Electrification of Nanoparticles in Non-Homogeneous Nanofluid Flow with Heat Transfer over Stretching Surfaces.”*
- *Soumyendra Mishra in Mathematics “Modeling Heat Transfer Aspects in the Magnetohydrodynamic Flow of Various Nanofluids.”*
- *Chitrasena Padhy In Agricultural Extension & Communication “Risk And Stress Involved In Cotton Cultivation-A Study On Cultivation Practices Followed In Odisha Along With Strategies Suggested For Effective Stress Management.”*
- *S. Sudheer Mangalampalli In Computer Science & Engineering “Nature Inspired Energy Efficient Task Scheduling Algorithm Based On Multi Criteria Decision Making Method In Cloud Computing.”*
- *Tapas Bantha in Management “Workplace Spirituality and Work Engagement: A Salutary Nexus.”*
- *Gagan Kumar Panigrahi In Zoology In “Studies On Post-Transcriptional Reprogramming Of Resistance Genes Upon Pathogen Infection In Arabidopsis Thaliana”*
- *Ajit Kumar Patro In Electronics & Communication Engineering “Efficient Algorithms And Architectures For Implementation Of The Discrete Cosine Transform And Discrete Sine Transform ”*
- *Swetalina Mishra in Management “A Study on Competency Mapping Of Employees of Power Sector in Odisha.”*
- *Tapaswini Dash in Management “Motivation and Job Satisfaction of Rural Public Health Care Professionals of Odisha: Assessment and Strategies for Improvement.”*
- *Jayasmita Beura in Chemistry “Efficient Algorithms and Architectures for Implementation of the Discrete Cosine Transform and Discrete Sine Transform.”*
- *Pradip Kumar Prusty in Zoology “Modeling Electrification of Nanoparticles in Non-Homogeneous Nanofluid Flow with Heat Transfer over Stretching Surfaces.”*
- *Binoy Kumar Bose in Management “Relationship between Financial Inclusion and Economic Improvement in Khordha District of Odisha.”*
- *Srikantapatnaik in Electronics & Communication Engineering “Optimization of Image Processing Methods for Edge Detection Based On Edge Strength Using Neuro Fuzzy Techniques.”*
- *Meenakshi Bose in Management “Valuing Women’s Unpaid Work: A Case Study of Khordha District, Odisha.”*

Session Chaired, Talk Delivered

- Session Chaired by Dr. Nilaya Kumar Mohanty, Webinar on The Current Era of Science and Technology: Role of students, 20th July, 2021.
- Session Chaired By Dr.Gangadhar Purohit, Centurion University of Technology and Management,29th Dec,2021
- Session Chaired By Dr.Subrata Sarangi, Centurion University of Technology and Management,18th Nov,2021
- Session Chaired By Dr. Sagarika Parida, Derabis College, Kendrapara, 30th December 2021.
- Session Chaired By Dr. Chhayabrita Maji, Institute of Physics, 8th September 2021.
- Session Chaired By Dr. Chhayabrita Maji, BML Munjal University, Gurugram, 28th February 2022.
- Session Chaired By Dr. Yashaswi Nayak, Evation Agri Vision 2022, Ravenshaw University Cuttack on 6th March 2022.
- Session Chaired By Dr. Sagarika Parida, Subhadra Mahatab Mahavidyalaya, Asureswar, Cuttack, 29th January 2022.
- Session Chairde By Dr. Nilaya Kumar Mohanty , International Webinar Recent Advances in Science and Technology, Technical Session, IGIT Sarang, Odisha, 28 July, 2021
- Session Chairde By Dr Tumbanath Samantara, 4th International Conference on Frontiers in Industrial andApplied Mathematics (Virtual Mode), 26th Session, Department of Mathematics, Sant Longowal Institute of Engineering & Technology, Longowal, 21-22 December 2021
- Session Chairde By Saubhagalaxmi Singh, 4th International Conference on **Frontiers in Industrial andApplied Mathematics (Virtual Mode)**, 4th Session, Department of Mathematics, Sant Longowal Institute of Engineering & Technology, Longowal, 21-22 December 2021
- Session Chairde by Dr. Dinkar Gaikwad, Colleege of Agriculture, Parul University, Gujrat, Hydroponics farming for exotic vegetables.

Faculty & Staff Performance Awards 2022

Congratulations to the Awardees !!!

Provost Research Faculty Awards 2022 :

Achiever Award winners-

Dr. Satyabrata Nanda (MSSSoA)
Dr. Gagan Panigrahi (SoAS)
Dr. Ashish Sarangi (SoAS)
Dr. Shraban Kumar Moharana (SoAS)
Dr. Chandra Sekhar Dash (SoET)
Dr. Santosh Kumar Satapathy (SoAS)

Distinguished Achiever Award winners-

Dr. Ashish Ranjan Dash (SoET)
Dr. Rajendra Kumar Khadanga (SoET)

Dr. Prasanta Kumar Rath (SoAS)
Dr. Ranjan Kumar Sahoo (MSSSoA)
Dr. Pramod Patjoshi (SoM)

Abdul Kalam Chair Professor winner-

Dr. Ramesh Chandra Mohanty (SoET)

Faculty & Staff Performance Awards 2022:

CERTIFICATE OF EXCELLENCE (For Patents, Design Applications, Copyrights, ATAL FDPs)

Sl. No.	Name of the Faculty	Category	Year	School
1	Dr. P.S. Rao	ATAL FDP	2021-22	SoET
2	Dr. Ashok Misra	ATAL FDP	2021-22	SoAS
3	Dr. Satyabrata Nanda	External Funded Projects	2021-22	MSSSoA
4	Dr. Rosy Mallik	External Funded Projects	2021-22	SoAS
5	Dr. Prasanta Rath	External Funded Projects	2021-22	SoAS
6	Dr. Rukmini Mishra	External Funded Projects	2021-22	SoAS
7	Dr. Satyanarayana Dhal	External Funded Projects	2021-22	SoAS
8	Dr. G. Pushpalatha	External Funded Projects	2021-22	MSSSoA
9	Dr. Sujata Chakravarty	Patents	2021-22	SoET
10	Dr. Rukmini Mishra	Patents	2021-22	SoAS
11	Dr. G. Pushpalatha	Patents	2021-22	MSSSoA
12	Prof. Ladi Alik Kumar	Patents	2021-22	SoPLS
13	Dr. Yashaswi Nayak	Patents	2021-22	SoAS
14	Dr. Kunja Bihari Satapathy	Patents	2021-22	SoAS
15	Dr. Susanta Kumar Biswal	Patents	2021-22	SoAS
16	Dr. Satyasis Mishra	Patents	2021-22	SoET
17	Dr. Ajay Kumar Prusty	Patents	2021-22	MSSSoA
18	Dr. Harish Chandra Mohanta	Patents	2021-22	SoET
19	Dr. Mohammed Siddique	Patents	2021-22	SoAS
20	Dr. Rukmini Mishra	Patents	2021-22	SoAS
21	Prof. Saubhagyalaxmi Singh	Patents	2021-22	SoAS
22	Dr. Ashish Kumar Sarangi	Patents	2021-22	SoAS
23	Prof. Debashree Debadatta Behera	Patents	2021-22	SoET
24	Dr. Satyasis Mishra	Patents	2021-22	SoET
25	Dr. Ramesh Ch. Mohanty	Patents	2021-22	SoET
26	Dr. Susanta K. Biswal	Patents	2021-22	SoAS
27	Dr. Gagan K Panigrahi	Patents	2021-22	SoAS
28	Dr. Kunja Bihari Satapathy	Patents	2021-22	SoAS
29	Prof. Nimay Chandra Giri	Patents	2021-22	SoET
30	Dr. Anita Patra	Copyright	2021-22	SoM

Medal of Honour for Patent Publised Details During 2021-22

Sr.No.	Year	Name of Faculty	Medal presented to	School
1	2021	Dr. Ajay Kumar Prusty	Dr. Ajay Kumar Prusty	MSSSoA
2	2021	Mr. Ladi Alik Kumar	Mr. Ladi Alik Kumar	SoPLS
3	2021	Dr. Sunita Satapathy, Dr. Yashaswi Nayak, Prof. Kunja Bihari Satapathy, Dr. Susanta Kumar Biswal & Dr. Satyasis Mishra	Dr. Sunita Satapathy & Team	SoAS
4	2021	Dr. Haris Chandra Mohanta & Dr. Mohammed Siddique	Dr. Haris Chandra Mohanta & Team	SoET
5	2021	Dr. Haris Chandra Mohanta	Dr. Haris Chandra Mohanta	SoET
6	2021	Dr. Mohammed Siddique & Prof. Saubhagyalaxmi Singh	Dr. Mohammed Siddique & Team	SoAS
7	2021	Dr. Rukmini Mishra	Dr. Rukmini Mishra	SoAS
8	2021	Dr. Ashish Kumar Sarangi	Dr. Ashish Kumar Sarangi	SoAS

Incentive For External Funding for Projects, More than 3 Patent Published during 2020-21 & 2021-22

Sl.No.	Name of Faculty	School	Campus	No. of Patents/ Funding Details	Amount
1	Dr. Satyabrata Nanda	MSSSoA	PKD	External Funding from SERB	5000
2	Dr. Rosy Mallik	SoAS	PKD	External Funding from SERB	5000
3	Dr. Prasanta Rath	SoAS	PKD	External Funding from SERB	5000
4	Dr. Rukmini Mishra	SoAS	BBSR	External Funding from SERB	5000
5	Dr. Satyanarayan Dhal	SoAS	PKD	External Funding from SERB	5000
6	Dr. Pushpalata G.	MSSSoA	PKD	External Funding from SERB	5000
7	Dr. Preetha Bhadra	MSSSoA	PKD	11 Patents Published	5000
8	Dr. Amulyaratna Behera	SoFS	BBSR	5 Patents Published	5000
9	Dr. Sujata Chakravarty	SoET	BBSR	6 Patents Published	5000
10	Dr. Ajay Kumar Prusty	MSSSoA	PKD	5 Patents Published	5000

Awardees for Exceptional Performance in Production

Sl. No.	Name	Dept.	Campus	Incentive
1	Mr. Ravana Babu	Electrician	PKD	Rs. 5000
2	Mr. Tapan Patnaik	Fitter	PKD	Rs. 5000
3	Mr. Kalidas	Welder	PKD	Rs. 5000
4	Mr. Purushottam Das	elec vehicle, Drone assembly	EEE, BBSR	Rs. 5000
5	Mr. Sanjib Pattnaik	Material testing, NABL works	Mech Engg, BBSR	Rs. 5000
6	Mr. Jugal kishor Behera	Mech Engg & Wood lab	Mech and wood engg, BBSR	Rs. 5000
7	Mr. Jaychandra Mohapatra	Drone work, Automation	PKD	Rs. 5000
8	Mr. Lakshmi Kant Malik	Drone work	PKD	Rs. 5000
9	Mr. Radhagobind Dalai	SoVET, PLC	BBSR	Rs. 5000
10	Mr. Ansuman Nanda	SoVET	BBSR	Rs. 5000
11	Mr. Satya Ranjan Mohanty	CNC, GT	BBSR	Rs. 5000
12	Mr. Sushil Moharana	Carpenter, Wood Engg. Lab	BBSR	Rs. 5000
13	Mr. Ajit Kumar Panda	Welding Lab	BBSR	Rs. 5000
14	Mr. Sandeep Kumar	Project Executive	BBSR	Rs. 5000
15	Mr. Jagan Reddy	Project Executive	BBSR	Rs. 5000
16	Mr. Subrat Kumar Swain	CNC, GT	BBSR	Rs. 5000
17	Mr. M. Sairam	Research Scholar, MSSSoA	PKD	Rs. 5000
18	Mr. M V N Raju	MSSSoA	PKD	Rs. 5000
19	Mr. K C Moharana	Designer	BBSR	Rs. 5000
20	Mr. Paresh Mandal	MRC	BBSR	Rs. 5000
21	Mr. Sarles Bhuyan	MRC	BBSR	Rs. 5000
22	Mr. Pradip Gamango	MRC	PKD	Rs. 5000
23	Mr. Timmy Sabar	MRC	PKD	Rs. 5000
24	Mr. Somanath Nayak	Gardener	BBSR	Rs. 5000

MANAGEMENT APPRECIATION LETTERS

1	Dr. P K Mohanty	Dean Academics	Academic and Administrative
2	Prof. J Padhi	Director, Bhubaneswar campus	Academic and Administrative
3	Prof. Sadat Ali	Dean, SoVET, Parlakhemundi campus	Academic and Administrative
4	Dr. Durga Prasad Padhi	Director Administration, Parlakhemundi campus	Academic and Administrative
5	Dr. S P Nanda	Dean Admin, MSSSoA	Academic and Administrative
6	Dr. Ashish Ranjan Dash	Associate Dean, SoET, Parlakhemundi campus	Academic and Administrative
7	Dr. Sudhanshu Kumar Samal	Associate Professor, SoET, Parlakhemundi campus	Academic
8	Dr. Sagar Maitree	Professor, MSSSoA	Academic and Administrative
9	Dr. Dinkar Gaikwad	Associate Professor, MSSSoA	Academic and Training
10	Dr. Saurav Barman	Associate Professor, MSSSoA	Academic and Training
11	Dr. Prajna Pani	Professor, SoM, Parlakhemundi campus	Academic and Student Training
12	Dr. Devender Reddy	Dean Academics, MSSSoA	Academic and Administrative
13	Ms. Monalisha Ghosh	Director, International Collaborations	Administrative
14	Dr. Sangram Kesari Swain	Dean Examinations & Dean Student Affair	Academic and Administrative
15	Dr. Atanu Deb	Dean Student Affair	Academic and Administrative
16	Mr. Ranjit Singh	Chief Technical Officer, Parlakhemundi campus	Administrative
17	Mr. Ghanashyam Jena	Admission Officer	Administrative
18	Mr. Phalguna Rao	Head Admission Cell, Parlakhemundi campus	Administrative
19	Mr. Ajay Rout	Director, SoVET	Administrative
20	Mr. Ramesh Sahu	Administrative Officer, Parlakhemundi campus	Administrative
21	Mr. Pradeep Sarangi	Regional Director, Bolangir campus	Administrative
22	Mr. Dhruva Charan Sahoo	Regional Director, Gopalpur campus	Administrative

23	Mr. Rajesh Padhi	Regional Director, Rayagada campus	Administrative
24	Mr. Dipti Dash	Campus Coordinator, Chatrapur campus	Administrative
25	Mr. Anil Patro	Systems Maintenance in Charge	Administrative
26	Mr. Chitta Patnaik	Senior Manager HR, Bhubaneswar campus	Administrative
27	Prof. KVD Prakash	Dean, HRD	Administrative
28	Mr. Rabi Narayan Routray	Director, Sports	Administrative
29	Dr. Jyoti Sayantani	Director, Quality Assurance	Administrative
30	Mr. Jogesh Mishra	Manager, Estate, Bhubaneswar campus	Administrative
31	Mr. Nrusinha Das	System Administrator, Bhubaneswar campus	Administrative

10. Collaborations & Networking

During the year the University signed MoUs with 16 institutions within the country and 3 institutions outside the country. The details are presented in Table 9.1. Our relationship with existing collaborators have been deepened and widened.

Table 9.1: Details of Collaboration

Sl. No.	Partner Institution	Scope
1	MoU with Banking Finance & Insurance Institute of Nepal (BFIN)	For Training, Education, research and consultancy service, information technology
2	MoU with Viswass Group Institutes, Bhubaneswar	Organizing of Health Camps and Clinical pathological laboratory services
3	MoU with Prolife Diagnostics, Bhubaneswar	Training / Faculty Development/internship
4	MoU With Hitachi Vantara University, Trans Neuron Technologies,	For Training & Project
5	MoU with RSB Transmission (I) Ltd. Pune	Project
6	MOU with Ashwini Group of Hospitals	Training Programme
7	MoU Confederation of Indian Industry	Onlice Courses
8	MoU with Springdale Maritime Academy (SAMET Trust),	Student Academic
9	MoU With General Aeronautics & Fly Tech Aviation Ltd	Training and Research
10	MoU with Tirupati Graphene & Mintech Research Centre, Bhubaneswar	Research and Development

11	MoU with Global College International Mid Baneshwor, Kathmandu, Nepal	Research & Education & culture educators and Students from India & Nepal
12	MoU with SRINERGY CLEANTECH PRIVATE LIMITED	Student Skill Development
13	MoU with Telangana Minorities Residential Educational Institutions Society (TMREIS)	Establishment of the laboratory and industrial tie-ups
14	MOU with Entrepreneurship Cell, IIT Kharagpur	Student Education
15	MoU with National Mineral Development Corporation (NMDC)	Skill development programme training Programme
16	MoU with Kathmandu University (KU), Nepal	Joint Degree Programme
17	MoU with ICAR – Indian Institute of Vegetable Research (ICAR-IIVR)	Students Training, Internship/Post Graduate & Ph.D. Research/Scientists Exposure & Involvement
18	Atal Incubation Centre – Jyothy Institute of Technology Foundation (AIC-JITF), Bangalore	Training, product developmen
19	MOU Centurion University with Indian Navy	Indian Navel Students Engagement programm

11. Events

11.1 CSR Activities

The University organised a number of events in the areas of Culture, Sports & Socially Responsible activities.

Cultural Activities

- Working on CUTM student Newsletter, Wall Magazine, and Annual Magazine,
- Organising/participating in dance, music or drama events.
- Preparing artistic works (e.g. murals) for beautification of CUTM.
- Participating in any event organised by the clubs under cultural activities.
- Painting and Photography etc.....



Sport Activities

- Participating in individual and team sports of the Institute
- Taking part in sporting expeditions.
- Participating in Health Club/Yoga Club.
- Participating / organising any adventurers' activities.
- Organising a college marathon/other sporting event etc.....



Socially Responsible Activities

- Any activities which benefit the community or environment.
- Plantation inside or outside CUTM.
- Visiting and helping in hospitals or orphanages.
- Blood donation camp.
- Organising Health check up camp.
- Save environment from pollution camp.
- Educational camp for population control.
- Organise disaster service camp.
- Socio-economic survey.
- Take emergency relief measures to the victims of natural disaster.
- Development of the sense of integration and friendliness.
- Volunteering with local NGOs, or coming up with your own social/environmental project in a group of students and working on it.
- Youth Red Cross activities.
- Fund raising for social/environmental projects etc.



11.2 Distinguished Visitors

There were a number of distinguished persons who visited the University during the year, the same are presented in Table below.

Table 10.2: Distinguished visitors

Sl. No	Name of Visitors	From
1	MD Rahman, Assistant Manager.	Genotypic Technology, Bangalore
2	Dr. Santosh Ku. Swain	SUM Hospital, Bhubaneswar
3	Dr. Iswar Chandra Behera	SUM Hospital, Bhubaneswar
4	Priyadhi Mohapatra	Samaj Newspapers
5	Dr. C.V Gopinath	CUTM . A.P. Campus
6	Dr.K. Nagendra	PMSAD
7	Mis. Veena Bhati	Skill University , New Delhi
8	Mis. Ekta Gupta	Skill University , New Delhi
9	P. Sundara Ranjan	Coimbatore
10	S.P Apparels	Coimbatore
11	Dr. Jitendra Ku. Panda, Hospital Superintendent	Hospital Superintendent CHC , Patia
12	Jyotirmayee Chottaray	Sarpanch, Jamukoli G.P
13	Sanjay Shivrami	Hindalco Industries
14	AR Rehman	Glocal University
15	Captain S. P. Patel	Indian Navy
16	Renuprava Nayak, Joint Secretary	SD&TE Department, Govt. of Odisha
17	Dr. Dilleswari Pradhan	Associate Prof. SCB Medical DMET, Bhubaneswar
18	Deepak Prabhu & Manickavelu	Mindtree
19	K.MURALI	KYB Motorcycle Suspension (Chennai)- 631604
20	Y.Padmanabham	M/S Deccan Fine Chem
21	Dr. Pravat Kumar Sarangi	Prof.& Head, Entomology, College of Agriculture, OUAT, Bhubaneswar

22	Dr. Jeetendranath Patnaik	Head, Department of Life Sciences, SKCG Autonomous College, Paralakhemundi
23	Dr. Subadeep Ghosh	ICAR-CMFRI, Visakhapatnam
24	Dr. B.N. Rao	ICAR- IOPR
25	Dr. L.K. Rath	OUAT, Odisha
26	Dr. P.K. Sarangi	OUAT, Odisha

11.3 Acknowledgements

The University is grateful to number of Institutions and Individuals for their generous support in pursuing its mission and vision. Some of the agencies who supported during the year are listed below.

- i. Government of India
- ii. Government of Australia
- iii. Government of Norway
- iv. other National Governments
- v. International and National Organizations
- vi. Government of Odisha
- vii. Other State Government and their Agencies
- viii. International, National and State Level Companies
- ix. Academic and Research Institutions
- x. Civil Society Organizations
- xi. Individual Donors and Well Wishers.

Mission

A globally accredited human resource centre of excellence catalysing "sustainable livelihoods" in the "less developed markets across the globe".

Vision

- Provision of quality, globally accredited academic programmes in technology and management.
- Provision of globally accredited employability training for less endowed segments of the population.
- Promotion of entrepreneurial culture and enterprise in the target areas.
- Facilitating improved market access to goods and financial services to the target population.
- Promotion of lighthouse project interventions in the target area.

Centurion University of Technology & Management, Odisha



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

Paralakhemundi Campus: At - Village Alluri Nagar, P.O. - R Sitapur, Via- Uppalada, Paralakhemundi, Dist:

Gajapati – 761211 Odisha, India Phone: (06815) 222999,(06815) 223088, Fax: (06815) 222150

Bhubaneswar Campus: At – Ramchandrapur, P.O. - Jatni, Bhubaneswar, Dist: Khurda – 752050,

Odisha, India Phone: (0674) 2492496, Fax: (0674) 2490480

Visakhapatnam Campus: MIG 33 Vuda Colony Phase - I, Madhavadhara, Visakhapatanam (Andhra Pradesh), Pin: 530018 Phone: 0891 2723491

Corporate Office: 17, Forest Park, Bhubaneswar, PIN – 751009, Dist: Khurda, Odisha, India.

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^{gt} ANNUAL REPORT

2020-21

Board of Governors		
Sl. No.	Name	Designation
1	His Excellency Prof. Ganeshi Lal Hon'ble Governor of Odisha	Visitor
2	Prof. Mukti Kanta Mishra, President, CUTM	Chairman
3	Prof. D. N. Rao, Vice President, CUTM	Member
4	Prof. Supriya Pattanayak, Vice Chancellor, CUTM	Member
5	Shri Saswat Kumar Mishra, IAS	Ex Officio Member- Govt. of Odisha
6	Prof. Sudhakar Panda	Nominee- Govt. of Odisha
7	Prof. Omkar Nath Mohanty	Nominee- Govt. of Odisha
8	Dr. Mary Bage	Nominee- Govt. of Odisha
9	Shri. PNSV Narsimham	Trust Nominee
10	Dr. Mohan Kanda, IAS (Rtd.)	Trust Nominee
11	Shri. Aditya Sapru	President Nominee
12	Dr. C.R. Rao	Trust Nominee
13	Prof. Anita Patra, Registrar, CUTM	Ex Officio Member Secretary

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List Of Abbreviation

APSSDC - Andhra Pradesh State Skill Development Corporation	DDUGKY - Deen Dayal Upadhyaya Grameen Kaushalya Yojana	IIW - International Institute of Welding
APEDA - Agricultural and Processed Food Products Export Development Authority	FDP - Faculty Development Programme	
BAIF - Bharatiya Agro Industries Foundation	GTIDS - Gram Tarang Inclusive Development Services	ICMSEA - International Conference on Materials Science and Engineering Application
BCKV - Bidhan Chandra Krishi Viswavidyalaya	GTETS - Gram Tarang Employability Training Services	LMSC - Last Mile Supply Company
BEML - Bharat Earth Movers Ltd	GTF - Gram Tarang Foods	MoU - Memorandum of Understanding
BITS - Birla Institute of Technology and Science	HPCL - Hindustan Petroleum Corporation Ltd	MSSSoA - M.S. Swaminathan School of Agriculture
CCD - Café Coffee Day	HAL - Hindustan Aeronautics Ltd	MCSP - Maternal and Child Survival Program
CTTC - Central Tool room & Training Centre	IFFCO - Indian Farmers Fertiliser Cooperative	NALCO - National Aluminium Corporation Ltd
CAD/CAM - Computer Aided Design/Manufacturing	IGKV - Indira Gandhi Krishi Vishwavidyalaya	NBFC - Non Banking Finance Company
CUCREE - Centurion University Centre for Renewable Energy & Environment	IKS - Institute of Knowledge Society	NSIC - National Small Industries Corporation
CSR - Corporate Social Responsibility	IJCR - International Journal of Current Research	NCC - National Cadet Corp
CUTM - Centurion University of Technology & Management	IEEE - Institute of Electrical and Electronics Engineer	NSDC - National Skill Development Corporation
CIPET - Central Institute of Plastics Engineering & Technology	IOSR - International Organization of Scientific Research	NSS - National Service Scheme

OPHC- Odisha Police Housing Corporation

OPTCL- Odisha Power Transmission Corporation Ltd

PGCIL- Power Grid Corporation of India Ltd

PMKVY- Pradhan Mantri Kausal Vikas Yojana

REC- Rural Electrification Corporation

RB- Ratnakar Bank

SoM- School of Management

SoPAHS- School of Paramedics & Allied Health Sciences

SoPLS- School of Pharmacy & Life Sciences

SoVET- School of Vocational Education & Training

SBI- State Bank of India

SoAS- School of Applied Sciences

SoET- School of Engineering & Technology

STADPRO- Structural Analysis And Designing Program

SAIL- Steel Authority of India Ltd

SIET- Shambhunath Institute of Engineering and Technology

UMBC- Urban Micro Business Centre

UNESCO- The United Nations Educational, Scientific and Cultural Organization

UGC- University Grants Commission

VSSUT- Veer Surendra Sai University of Technology

WISTA- Work Integrated Skill Training and Apprenticeship

XIMB- Xavier Institute of Management

YRC- Youth Red Cross



VC's Note



As the Vice Chancellor of Centurion University of Technology & Management (CUTM), Odisha, I am privileged to present the Annual Report, covering the period from April 2020 to March 2021. In line with the University's motto of "*Shaping Lives and Empowering Communities*", we strived relentlessly to foster our long-term commitment towards nation building with an unflinching adherence to universal human values.

Over the years, CUTM has established itself as a leading institution in India, providing direction of skill-integrated and social-entrepreneurship led higher education. It has got the distinction of being recognized as the Institute for Assessment and Certification Body by Ministry of Skill Development and Entrepreneurship, Govt. of India. School of Vocational Education and Training (SoVET) under CUTM Odisha, has been recognised as a Centre of Excellence in the field of Skilling Ecosystem in the Country by Ministry of Skill Development and Entrepreneurship, Govt. of India. It was ranked 18th by Outlook-ICARE India University Rankings 2020.

The University offered 72 Certificate, 14 diploma, 69 undergraduates and 54 postgraduate and doctoral programs through Schools of Agriculture, Applied Sciences, Architecture and Planning, Engineering, Management, Media and Communication, Paramedics and Allied Health Sciences, Pharmacy and Life Sciences and Vocational Education and Training located in four constituent campuses across Odisha, at Paralakhemundi, Bhubaneswar, Rayagada and Bolangir with a student strength of 7882 by end of 2020.

Over the year the University has launched a number of new programs, during the year, the University launched new courses, such as Bachelor in Aviation (with partner GATI) (as a specialization of Mechanical, MBA in Rural and Urban Development Management (with partner COSA), BSc in Anesthesia Technology, BSc Emergency Medical Technology, BSc Operation Theatre Technology, Certified Ophthalmic Surgical Assistance, Certified OT Technician, Certified Dialysis Technician, Certified ECG Technician, Certified Ward Technician, Certified EMG Technician, Certified Blood Collection Technician

It has brought together industry, academia, R&D organisations and community through its teaching, research, training and consulting activities in a collaborative framework to solve the problems individuals and societies face. It has been our privilege to fulfil the social obligation of tackling the current challenges while inspiring curious minds to be proactively prepared for the challenges of tomorrow.

I am sure with a solid foundation in place we are better prepared to meet the expectations of different stakeholders.

Prof. Supriya Pattanayak

1. Overview

Centurion University, in its nine plus years of existence, with UGC 12B status and NAAC A grade offers Certificate, Diploma, Under-graduate, Post-graduate and Doctoral programs through Schools of Agriculture, Applied Sciences, Engineering and Technology, Media and Communication, Paramedics and Allied Health Sciences, Pharmacy and Life Sciences, Forensic Sciences, Agriculture and Bio Engineering, Disaster Management, Fisheries, and Vocational Education and Training located in six different campuses across Odisha, at Parlakhemundi, Bhubaneswar, Balangir, Rayagada, Chatrapur and Gopalpur. It has more than 6000 students in graduate and postgraduate programs and over 15000 students in vocational programs. It has residential facility for 80% students and 50% faculty and staff. The University has well equipped learning laboratories, workshops, library, sports and health facilities.

Since the school education in the region was and still is of poor quality and there were large scale school dropouts, it became the first partner of National Skill Development Corporation (NSDC), Government of India, with a focus on Skills Development and Livelihood linked Education. Under the Innovation Agriculture project of NSDC, Centurion University is working in 9 districts of tribal dominated South Odisha and 3 districts of North Coastal AP. As of now Centurion has trained 2725 farmers and 124 Community Resource Persons. Project Atal which envisions doubling of farmers income by training and certification of 1,00,000 small and marginal farmers in 200 blocks of Odisha has covered 70,000 farmers as on date. Centurion University and LMDC provides end to end support to farmers for producing RNR (15048) controlled sugar variety of rice for doubling their income. o. Centurion University along with Gram Tarang has made an agreement with SEEDAP to train 3000 farmers in Srikakulam, Vizianagram and Vishakapatnam. It has covered 900 farmers as on date.

The University is organized in the form of Schools, such as M S Swaminathan School of Agriculture (MSSSoA), School of Applied Sciences (SoAS), School of Engineering and Technology (SoET), School of Management (SoM), School of Vocational Education & Training (SoVET), School of Pharmacy and Life Sciences (SoPLS), School of Media & Communication (SoMC), School of Paramedics & Allied Health Sciences (SoPAHS), Institute of Knowledge Society (IKS), and the Centurion University Centre for Renewable Energy and Environment (CUCREE).

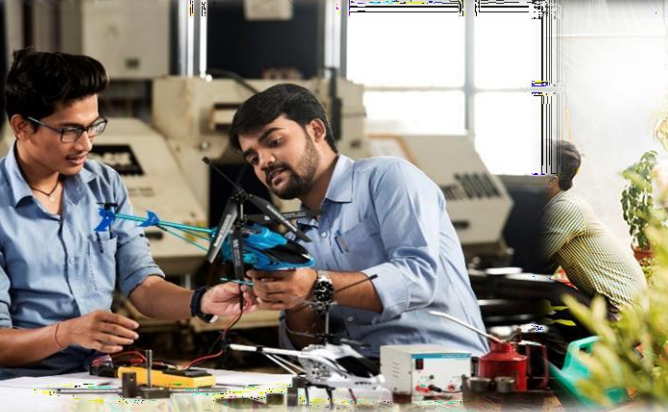
CUTM believes in dynamic engagement with its stake holders and communities at large. To achieve this purpose, the University has incubated many social enterprises, social entrepreneurs, and outreach entities under the umbrella of Gram Tarang. Its incubated organizations work in the area of skills, financial inclusion, urban micro-business services, entrepreneurship, tribal development, food processing and agriculture. It includes Gram Tarang Employability Training Services (GTETS), Gram Tarang Inclusive Development Services (GTIDS), and Gram Tarang Foods (GTF), Urban Micro-Business Centre (UMBC), Last Mile Supply Company (LMSC) and Ratnakar Bank (RB). GTETS, GTIDS, GTF and LMSC are registered as for-profit private company under Company Act. UMBC and LMSC are registered as Section 8, not-for-profit Company. RB is registered as a Non-Banking Finance Company (NBFC). The reaches of these organisations span across India and they provide learning labs to the students and faculty of the University.

The University offers 72 certificates, 14 diploma, 69 under-graduate and 54 post-graduate and doctoral programs through schools of agriculture, applied sciences, architecture and planning,

engineering, management, media and communication, paramedics and allied health sciences, pharmacy and life sciences and vocational education and training with a student strength of 7882 as on November 2020.

1.1 New Programmes

- Bachelor in Aviation (with partner GATI) (as a specialization of Mechanical.
- MBA in Rural and Urban Development Management (with partner COSA)
- BSc in Anesthesia Technology
- BSc Emergency Medical Technology
- BSc Operation Theatre Technology
- Certified Ophthalmic Surgical Assistance
- Certified OT Technician
- Certified Dialysis Technician
- Certified ECG Technician
- Certified Ward Technician
- Certified EMG Technician
- Certified Blood Collection Technician



2. Schools, Departments and Academic Programmes



2.1 M S Swaminathan School of Agriculture

M.S. Swaminathan School of Agriculture was established in the year 2013 at Paralakhemundi Campus. Presently the School has 1664 students, 187 acre of field labs for experiment in farm. It offers courses such as B.Sc. (Hons) in Agriculture, B.Tech. In Agriculture and M.Sc. in Agriculture, besides undertaking various training, research and consulting activities. It has eight departments.

2.1.2 Department of Agronomy

Agronomy Department of the M.S. Swaminathan School of Agriculture was established in the year 2013. The Department offers courses at undergraduate and postgraduate level of agricultural science and technology. The Department undertakes teaching, training, research and consulting in the areas of organic farming, integrated nutrient management, integrated weed management, varietal performance studies of different crops, intercropping system and introduction of new crops. Teaching and learning system is geared towards experiential and hands on mode rather than being class room and blackboard based.

2.1.3 Department of Horticulture

Horticulture Department of the M.S. Swaminathan School of Agriculture was established in 2013. The Department offers five courses in B. Sc. (Ag.), such as Production Technology of Vegetables; Production Technology of Fruits; Production Technology of Flowers; Production Technology of Spices, Aromatic, Medicinal and Plantation Crops; and Post-harvest Management and Value Addition of Fruits and Vegetables. The department undertakes teaching, training, research and consulting in the areas of vocational training, star program for farmers, etc. The department possesses a well-equipped laboratory for under-graduate students.

2.1.4 Department of Agricultural Extension

The Department of Agricultural Extension under M. S. Swaminathan School of Agriculture was established during 2013. Since then, it has been playing an important role towards progression of extension science with specific reference to research, education and training. The field of extension now encompasses a wider range of communication and learning activities organized for tribal/rural people from different parts of Orissa and Andhra Pradesh states to deliver the knowledge on various disciplines including agriculture, agricultural marketing and business studies. The basic focus of Extension has moved from technology dissemination to agricultural enterprise solution and entrepreneurship development.

2.1.5 Department of Entomology

The Department of Entomology was established in 2013 under the umbrella of M. S. Swaminathan School of Agriculture. The Department offers courses on Entomology to undergraduate and post graduate students and allied activities along with teaching by highly qualified, experienced and devoted teaching staff members.

2.1.6 Department of Genetics & Plant Breeding

The Department was established in 2013 under M. S. Swaminathan School of Agriculture at Centurion University of Technology and Management. In addition, the department is entrusted to laboratory work, research, extension and allied activities.

2.1.7 Department of Crop Physiology, Bio-Technology & Seed Science

Biotechnology encompasses a number of tools and elements of conventional breeding techniques, crop physiology, seed science technology, bioinformatics, microbiology, molecular genetics, biochemistry and molecular biology. Biotechnology defines (or parts of organisms) to make or modify a product, improve plants, trees or animals or develop microorganisms for specific uses. In this direction, the Department of Crop Physiology, Biotechnology and Seed Science in M. S. Swaminathan School of Agriculture has focused and equipped as state-of-the-art laboratories that mentor the students to inculcate hands on experiments and put-in the knowledge of theory in practice.

2.1.8 Department of Plant Pathology

The Department highlights on the study of plant pathogens and their interactions with plants-pests/pathogens leading to disease. The Department under the School of Agriculture has initiated to mentor under-graduate students to study, understand and investigate various host-microbe interactions and towards establishing practices in addressing field problems. It also deals with various aspects of agriculture including microbiology, principles of plant pathology and pathogens, diseases of field crops, Horticultural crops and their management, mushroom cultivation etc. The faculty members in the department are well qualified and acquired the required skills to carry forward such responsibilities with high accuracy.

2.1.9 Department of Soil Science & Agricultural Chemistry

The Department was established in 2013 under M.S. Swaminathan School of Agriculture and entrusted to contribute the service in teaching, laboratory practical work, research, extension and allied activities other than the teaching by esteemed faculty and staff members.

2.2 School of Engineering and Technology

The School of Engineering and Technology (SoET) was established in the year 2013. Presently the School has 1741 students. It offers courses at Bachelor, Master and Doctoral level, besides undertaking various training, research and consulting activities. The B. Tech programs in the School are in Civil Engineering, Mechanical Engineering, Computer Science and Engineering, Petro Chemical Engineering, Electrical and Electronics Engineering, Agriculture Engineering, Electronics and Communication Engineering and Dairy Technology. The M. Tech programs are in Civil Engineering, Mechanical Engineering, Computer Science and Engineering, Electrical and Electronics Engineering and Electronics and Communication Engineering. The programs are offered in Paralakhemundi and Bhubaneswar Campuses. The programs offered follow a pedagogy of 40% theory and 60%.

2.3.2 Department of Civil Engineering

Civil Engineering in Centurion University is offered in both the campuses at Paralakhemundi and Bhubaneswar.

The department has senior faculty members drawn from retired professors from reputed engineering colleges of Odisha and Andhra Pradesh (AP). It has few professors who have been Chief Engineers of the state.

The department offers courses at undergraduate level, graduate level (Structural Engineering, Hydraulics and Transportation Engineering). The main areas of research in the Department are in Geotechnical Engineering, Structural Engineering, Hydraulics Engineering, Hydrology, GIS and GPS Systems.

2.3.3 Department of Chemical and Petro-Chemical Engineering

The Department of Chemical and Petro-Chemical Engineering offers separate but related degree programmes in Chemical Engineering, Petro-Chemical Engineering. Chemical engineers deal principally with production of chemicals from various raw materials and compounds and are also responsible for the extraction and processing of minerals.

2.3.4 Department of Computer Science and Engineering

Centurion University is about hands-on learning, and learning through experience. The Computer Science course is also about building the fundamental concepts with focus on software programming and projects. At Centurion University, we understood that writing programs and doing projects is the right way to build not just our foundations, but also interest and passion for the discipline. We also concluded our students must be proficient in one or two languages, and have capability to write original code in these. Centurion offers a set of core courses – with concepts we believe all must learn; and with a large number of electives. The electives are offered based on student interest, so they have a choice in what they want to learn.

2.3.5 Department of Electrical and Electronics Engineering

This Department strives for excellence in teaching, research and professional services to the industry so as to achieve eminence in selected niche areas of Electrical and Electronics Engineering. The Department offers four years of B. Tech course in Electrical and Electronics Engineering (EEE), Electrical Engineering (EE) and also two years of M. Tech course in Power System & Control Engineering (PSC). The department has many faculty with industry experience especially in Transmission and Distribution.

2.3.6 Department of Electronics and Communication Engineering

Department of Electronics and Communication Engineering aims to produce qualified and dynamic engineers in the fast changing area of Electronics Communication Engineering. The Department has sophisticated and modern laboratory equipment and software for research and development work in the areas of Antenna and Microwave Engineering, Signal Processing and Communication, VLSI, Embedded System. The Department has trained faculty from reputed Institutes of India. The students have been placed in different national and multinational companies. Department is offering domain based courses in the field of VLSI and Embedded System within the curriculum to enhance their skills and make student ready for the industry in association with different industry partners.

2.3.7 Department of Mechanical Engineering

The Department of Mechanical Engineering has strategic alliances with companies like NALCO, HAL, VEDANTA & JINDAL other than CTTC, CIPET, IIW & NSIC to provide superior theoretical and practical training. Besides, the Department has also provided Pro E and Ansys software in its labs. The mission of the Department is to establish itself as a centre of excellence in the field of Mechanical Engineering, through innovative teaching-learning methods, intensive CAD/CAM short term programs, Industry-Institute partnerships. The department focusses on manufacturing, welding, automotive design and auto service sector skill development.

2.3 School of Applied Sciences

The Applied Sciences was established in the year 2016. Presently the School has 1649 students, 8 well equipped labs in the academic complex and. It offers courses such as Bachelor of Science (B.Sc.) program for 3 years and Master of Science (M.Sc.) program for 2 years, besides undertaking various training, research and consulting activities. It has eight departments. The programs are offered in Paralakhemundi, Bhubaneswar Bolangir and Rayagada Campuses.

2.4.1 Programmes Offered

2.4.1.1 B.Sc. (Hons) Programme

- Chemistry
- Optometry
- Mathematics
- Physics
- Information Technology
- Botany
- Zoology

2.4.1.2 M.Sc. Programme

- Applied Chemistry
- Applied Mathematics
- Applied Physics
- Botany
- Zoology

2.4 School of Management

The School of Management of the University evolved from the Centurion School of Rural Enterprise Management (CSREM). Since inception, nearly a decade ago, its flagship program has been Master of Business Administration (MBA) that focuses on social entrepreneurship. It has a total strength of 589 students. The key strength of the School is its experienced and enthusiastic faculty, committed top management, flexible curriculum, experiential learning, digital course content, strong linkage with industry, academia, civil society and government, skill integration and outreach programmes.

2.5.1 Programmes Offered

2.5.1.1 Master Programmes

- Master of Business Administration
- MBA in Development Management
- MBA in Agri-business Management
- MBA in Data Analytics



2.5.1.2 Bachelor Programmes

- Bachelor of Business Administration (BBA)
- BBA in Financial Services
- Bachelor of Commerce (B.Com.)
- B.Com in Banking and Accounting

2.5 School of Media & Communication

The School of Media and Communications, under the auspices of the Institute of Knowledge Societies at Centurion University is being launched as a complete media school which will have an integrated Bachelors and Master's degree programme, short term skill programmes in partnership with the PMKVY scheme of the Ministry of Skill Development and Entrepreneurship, Government of India and industry partnerships with both National and Regional Media. The school will deliver UNESCO's "Model Curriculum for Developing Countries and Emerging Democracies".

2.6.1 Programmes Offered

- BA in Media & Communication
- MA in Media & Communication

3. Student Admissions

For the 2020-21 Academic year 2830 number of students were admitted in the university. It includes 444 in Diploma Programmes, 1624 in Bachelor Programmes, 687 in Master Programmes & 75 in Doctoral Programmes. The details are indicated in Table 3.1.

Table 3.1: Admission Mix in Academic Year 2020-21

Programme	Branch	Male	Female	Total
B. Tech.	Agri. Tech	39	13	52
	Civil	20	4	24
	ECE	18	6	24
	EEE/EE	18	2	20
	CSE	266	47	313
	Mechanical	10	0	10
	Phyto	8	0	8
	CSE - AWS	2	0	2
	MI	12	0	12
	Biotechnology	12	16	28
	Aerospace	13	3	16
MBA	MBA	31	23	54
	MBA Data Analytics	2	0	2
	MBA DM	15	8	23
	MBA ABM	2	2	4
	MBA PM	11	0	11
B.Sc.	Chemistry	20	12	32
	Mathematics	8	12	20
	Physics	15	6	21
	Optometry	14	26	40
	Botany	6	4	10
	Information Technology	5	6	11
	Zoology	14	29	43
	Forensic Science	20	17	37
	Aviation	9	3	12
	Radiology	27	22	49
	MLT	15	5	20
	MB	5	26	31
	Operation Theatre Technology	1	0	1
	Emergency Medical Technolog	0	8	8
	AT	2	2	4

M.Sc.	Chemistry	33	42	75
	Mathematic	8	7	15
	Physics	20	23	43
	Medical lab. Technology (MSc MLT)	8	6	14
	Microbiology	9	11	20
	Botany	33	80	113
	Zoology	41	157	198
	Forensic Science	6	25	31
	M. Sc.in Cyber Security & Digital Forensics	10	4	14
M. Tech.	Data Science	3	0	3
	Design and Manufacturing	7	1	8
	Power System and Control	2	0	2
	Structural Engineering	6	0	6
	Transportation Engineering	15	5	20
BBA	BBA	66	42	108
BCA	BCA	8	7	15
B. Pharm.	B.PHARM	179	43	222
D. Pharm.	D.PHARM	127	53	180
MEDIA-BA	MEDIA-BA	8	3	11
Diploma	Civil	36	4	40
	Mechanical	76	2	78
	Electrical	61	2	63
	Computer Science Engineering	39	12	51
	AE	11	0	11
	Mining	21	0	21
MSSSoA	B.Sc. (Ag.)	158	139	297
	B.Sc. (Fish.)	41	12	53
	M.Sc. (Ag.)	19	12	31
B.Com.	Commerce	44	26	70
Ph.D.	Computer Science Engineering	2	0	2
	Civil	1	0	1
	ECE	5	0	5

Physics	7	1	8
Chemistry	3	2	5
Mathematics	1	1	2
Fisheries	1	0	1
Humanities	1	1	2
Botany	0	3	3
Zoology	4	4	8
Biotechnology	0	1	1
Paramedics	0	3	3
Inter Disciplinary	4	6	10
Pharmacy	9	8	17
Management	7	0	7
TOTAL	1780	1050	2830

4. Placement

Students of Centurion University are groomed for employment in different organisations, enrolment in higher education institutions and starting their own enterprises. The outcome of the combined and relentless effort of Placement Team resulted in 1102 offers from 142 Companies in 2020-21. 85.98% of eligible engineering, 63.19% of eligible agriculture and 50% of eligible management students were placed successfully. Students of the School of Agriculture qualified in Junior Research Fellowship in 2020.

Table 4.1: Students Placed in Different Organisations

Sl. No.	Name of the Company	No of Students Placed
1	UNSCHOOL	52
2	TEKsystems Global Services	3
3	TATA AIA	20
4	MYPERFECTICE	3
5	RK Infosystem	6
6	Bank of Baroda	2
7	PIN CLICK	1
8	Pulsus	1
9	ICRISAT	6
10	JARO EDUCATION	3
11	FIN Pe	6
12	SHRIRAM LIFEINSURANCE	5
13	Wipro	8
14	Hexaware Technologies	2
15	Innostax Software Labs Pvt Ltd	1
16	VAYA Group	3
17	Vinove Software & Services	2
18	Ganga Kaveri Seeds Pvt Ltd	1

19	GTPL	2
20	PULSUS HEALTH TECH LLP	2
21	OMICS International	1
22	Vasudha - Mission Gram Swaraj Project @ BRED	7
23	Kapil Agro Farm India Pvt Ltd	8
24	Cognizant	14
25	Mahindra Agri Solutions Ltd	22
26	Rallis India	4
27	SearchingYard Software Pvt. Ltd	6
28	Employment Express Verband	18
29	TCS	25
30	Extramarks	12
31	Sai Sustainable Agro	5
32	Falcon Feeds	6
33	KALKI AI	1
34	IDBI Life Insurance Co Ltd.	2
35	Steepgraph	3
36	Victory Marvel Seeds India Pvt Ltd	1
37	T & AS Designtech Pvt Ltd.	14
38	BIZZRUN	5
39	NCC Limited	5
40	Hamari Pahchan NGO	2
41	NOBroker	1
42	ACCENTURE	6
43	KYB Motors	30
44	Grip At the Sparks Foundation	1
45	Brdgespan Consultants	1
46	Trade India	1
47	Aries Agro	4
48	VNR SEEDS Pvt Ltd	19
49	Planet Spark	3
50	Flexon Technologies	4
51	Mindfire Solution	1
52	BNP Paribas	1
53	TECH MAHINDRA (NOIDA)	1
54	Dhanuka Agritech	1
55	Fanatisch Marketing Services (P) Ltd	1
56	ICICI Bank	11
57	Squareyards	33
58	PIE Infocomm	18
59	EDWISOR	13
60	OMICS International / PULSUS	25
61	Silicon Techlab Pvt Ltd.	3
62	Rane Group	35
63	Watershed Organisation Trust	5
64	Mediamint	2

65	Nucifera Entertainment Pvt. Ltd	9
66	GRK Research Lab	1
67	CloudEarl	1
68	InMovidu Tech	20
69	Ronch Polymers	30
70	Sumukha Engineering	21
71	Nova Agri Tech Ltd.	4
72	SAK Robotix	7
73	Byjus	1
74	Aabsys IT	2
75	SKH Metals	81
76	Upsquare	5
77	Appinventiv	1
78	AllSec Technologies	50
79	Motherson Automotive	45
80	Laxmi Components & Forging	16
81	Swiflearn	6
82	Faurecia	32
83	Victora Tools	11
84	HCL	13
85	Padpradarshi Foundation	1
86	Gestamp	20
87	Maxgen Technology Pvt Ltd	1
88	Sagarsoft	1
89	Tech Mahindra	10
90	RICO	22
91	Byju's	23
92	India Mart	2
93	Apisero	1
94	Zydus Cadila	8
95	East West Seeds	2
96	Avani Agro Farms and Seeds	4
97	Dial & Deal	1
98	Lido Learning	2
99	Rakuten	1
100	Apollo Pharmacy	56
101	HITECH Hospital	8
102	ASHWINI Hospital	10
103	SUM Hospital	6
104	APOLLO Hospital	6
105	AMRI Hospital	11
106	NIDAN Diagnostic Center	2
107	KALINGA Hospital	2
108	SPARSH Hospital	6
109	GEN X Diagnostic Center	6
110	MAX Diagnostic Center	2

111	SUM Hospital	13
112	BRAHMANAND NARAYANA Hospital	5
113	SPAHS, CUTM	3
114	KIIMS Hospital	1
Total Students Placed		110 2

5. Consulting & Training

The university gives utmost importance to Consulting & Training having academic relevance. These activities are geared towards solving real life problems faced by organisations and communities. The details of consulting and training activities are presented in Table 5.1. During the year the University provided consulting & training worth Rs. Sixteen Crore Ninety Lakhs Fifty Four Thousand Six Hundred Seventy Three only. In 2020, Centurion University has received research & consultancy projects from Board of Science & Engg., Commissioner of Intermediate Education, Telenga, Nalco Foundation, EMESSAR, Dassault Foundation, Fluent Grid Ltd., OHPC, RD Womens University, University of Western Sydney, Swadesh Foundation, OSC &ST, ORMAS, World Vision India-Disaster Management, Mraket & Markets research Pvt. Ltd, Volva Eicher pvt ltd., NEEM project, WAPCOS

Table 5.1: Details of Training & Consulting Activities Undertaken

Client Organisation	Title of Project	Amount Received (Rs.)
Board Of Science & Engg. Research Board Delhi	Organising Forensic Seminars	75,000
Commissioner Of Intermediate Education, Telenga	Contextualising Vocational Courses As Per Contemporary Skill Demand Industry Need & Employability	14,00,000
Nalco Foundation-Disaster Mgmt		2,00,595
Emmessar	Post Cyclone Fani Restoration	10,000
Bhubaneswar Smart City		40,500
Dassault Foundation	Support For Computer Lab Rehabilitation(FANI)	10,00,000
Fluent Grid Limited	For Equipment -Sheet Bending Machine	5,00,000
Ohpc	Imparting Skill Enhancing Vocational Training Programme For Unemployed And Underprivileged Youth.	46,86,900
RD Womens University	Skill Development Training Programme	25,83,907
Shamali Singh		1,58,341

The Himalaya Drug Company	Post Cyclone FANI Restoration	10,00,000
Univercity Of Western Sydney, Austalia		11,59,377
WAPCOS-Grant In AID		48,753
IED-Grant In AID		4,200
Sponsorship		(25,000)
Grant-In-Aid (WAPCOS)-PKD		19,01,435
Dassault System Foundation-Grant In Aid-PKD		2,94,000
Peter Warren-Grant In Aid-FCRA	From Australia /Post Cyclone FANI Restoration	52,227
Daakin University-Grant In Aid-FCRA	Restoration Work After The Devastation Cause By Cyclone Fani.	75,482
Swadesh Foudnation-Grant In Aid-FCRA		19,926
Wendy Brooks-West Pack Business One-Grant In Aid-FCRA	Wendy Brooks Consulting PTY Ltd. LVL5 267 Collins St Melbourne/Post Fani Cyclone Restoration.	4,74,717
Western District Health Services-Grant In Aid-FCRA	From Australia /Post Cyclone FANI Restoration	4,75,786
Training & Evaluation Income (Osc & St)		1,18,130
Training Income (Fdp)		21,600
Training & Consultancy (Ormas)		6,71,180
Traning Income Of Wrold Vision India- Disaster Management		5,41,115
Traning Income Of Mraket & Markets Research Pvt. Ltd		2,00,984
Traning Income Of Volva Eicher Pvt Ltd.	Skill Development Programme Of Driver Training	5,81,312
Traning Income Of Ve Commercial Vehicle Limited		2,40,400
Traning Income Of NEEM Project		15,05,43,806

One of the key objectives of the University is empowering communities. Accordingly, a number of extension and community outreach activities have been undertaken during the year 2020-21 (Farmer Mela, Unnat Bharat Abhiyan, Model Village Program and NSDC Trainings)

6. Research Projects, Publications, Seminars & Conferences

Research & Publications are important activities of the University. The University encourages its Faculty and Students to undertake context specific research for solving real life problems faced by organisations and communities. During the Year University filed 27 patents and 7 Copyright.

During the year, 2933 number of journal articles published some of these include.

6.1. List of Publications

Sl.No.	Title of paper	Name of the author/s	Department of the Department	Name of journal	Year of publication	ISSN number
1	In silico analysis of mechanical properties of poly vinyl alcohol and Poly ethyl Urethane composite	S. Naik and Subhrraraj Panda	Physics	Indian Journal of Natural Sciences	2020	0976-0997
2	In silico Analysis of Mechanical Properties of Polyvinyl Alcohol and Polyoxyethylene Composite	Asha Rani Dalai and Subhrraraj Panda	Physics	Indian Journal of Natural Sciences	2020	0976-0997
3	In silico Analysis of Mechanical Properties of Acrylic Acid and Acrylonitrile Composite	Jayakishan Meher and Subhrraraj Panda	Physics	Indian Journal of Natural Sciences	2020	0976-0997
4	In silico Analysis of Mechanical Properties of Polyvinyl Alcohol and Polyoxymethylene Composite	S. Sadangi and Subhrraraj Panda	Physics	Indian Journal of Natural Sciences	2020	0976-0997

5	In silico Analysis of Gas Permeability Properties of Polyacrylic Acid and Polyacrylonitrile Composite”	Sujata Acharya, A.Saraf, N.Nayak	Physics	Indian Journal of Natural Sciences	2020	0976-0997
6	In silico Analysis of Polyvinyl Alcohol and Polyoxyethylene Compatibility in a Blend	Sujata Acharya, A. Saraf, D. Bhattacharyay and Padmaja Patnaik	Physics	Indian Journal of Natural Sciences	2020	0976-0997
7	In silico Analysis of Polyvinyl Alcohol and Polyoxymethylene Compatibility in a Blend	Monalisa Joshi, D. Bhattacharyay and Padmaja Patnaik	Physics	Indian Journal of Natural Sciences	2020	0976-0997
8	In silico Analysis of Gas Permeability Properties of Polyvinyl Alcohol and Urea Composite	Monalisa Joshi, Padmaja Patnaik, and D.Bhattacharyay	Physics	Indian Journal of Natural Sciences	2020	0976-0997
9	In silico Analysis of Mechanical Properties of Polyacrylic Acid and Polyacrylochloride Composite	Sanjib Kumar Naik, Padmaja Patnaik, and D.Bhattacharyay	Physics	Indian Journal of Natural Sciences	2020	0976-0997
10	In silico Analysis of Polyvinyl Alcohol and Polyethyl Urethane Compatibility in a Blend	Rashmi Ranjan Bag, Sourav Kumar Bishi, M.K. Sahu, S.K. Satpathy and D. Bhattacharyay	Physics	Indian Journal of Natural Sciences	2020	0976-0997
11	In silico Analysis of Thermal and Dielectric Properties of Polyvinyl Alcohol and Polyoxyethylene Composite	Bibhuti Bhusan Sahu, S.K. Satpathy, D. Bhattacharyay	Physics	Indian Journal of Natural Sciences	2020	0976-0997

12	In silico Analysis of Thermal and Dielectric Properties of Polyvinyl Alcohol and Polyethylurethane Composite	Jayakishan Meher, S. Behera, D. Bhattacharyay	Physics	Indian Journal of Natural Sciences	2020	0976-0997
13	In silico Analysis of Thermal and Dielectric Properties of Polyvinyl Alcohol and Polyurea Composite	S.Sadangi, S. Behera and D. Bhattacharyay	Physics	Indian Journal of Natural Sciences	2020	0976-0997
14	In silico Analysis of Gas Permeability Properties of Polyvinyl Alcohol and Polyethyl Urethane Composite	Jagruti Meher, Roji Hota, Sasmita Kumari Pradhan, D.Bhattacharyay, Subrata Sarangi*	Physics	Indian Journal of Natural Sciences	2020	0976-0997
15	In silico analysis of Gas Permeability Properties of Polyvinyl Alcohol and Polyoxymethylene Composite	Alisha Rath ,Asha Rani Dalai, Tapan Dash, D.Bhattacharyay	Physics	Indian Journal of Natural Sciences	2020	0976-0997
16	In silico Analysis of Thermal and Dielectric Properties of Polyacrylic Acid and Polyacrylonitrile Composite	Bibhuti Bhusan Sahu, Tapan Dash, D. Bhattacharyay	Physics	Indian Journal of Natural Sciences	2020	0976-0997
17	In silico Analysis of Mechanical Properties of Polyvinyl Alcohol and Polyvinylchloride Composite	Yogabramha Bhoi, S. Nayak, Pratap K. Chhotaray, D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997

18	In silico Analysis of Gas Permeability Properties of Polyvinyl Alcohol and Poly- 1,2- α -D-Glucose	Usharani Padhan, S. Nayak, Pratap K. Chhotaray, D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
19	In silico Analysis of Gas Permeability Properties of Polyvinyl Alcohol and Polyvinylchloride Composite	Gagan Mandika, S. Nayak, Pratap K. Chhotaray, D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
20	In silico Analysis of Gas Permeability Properties of Poly (Biphenyl Dimethyl Carbonate) and Polyether Sulfone (PES) Blend Membrane	Subhashree Padhi, S. Nayak, S. Sahu, D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
21	In silico Analysis of Gas Permeability Properties of Poly biphenyl dimethyl Carbonate and Poly dimethyl siloxane (PDMS) Composite	Soujanya Yeddu, S. Nayak, S. Sahu, D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
22	In silico Analysis of Gas Permeability Properties of Polyvinyl Alcohol and poly-1, 2- α -D-Galactose Composite	R Anusya, S. Sahu, G.K.Mahato and D. Bhattacharyay	Mathematics	Indian Journal of Natural Sciences	2020	0976-0997
23	In silico Analysis of Mechanical Properties of Polyvinyl Alcohol and Poly-1, 2- α -D-Glucose Composite	Khagapati Sahu, S. Nayak, A. K. Sahoo and D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997

24	In silico Analysis of Polyvinyl Alcohol and Polyvinyl Chloride Compatibility in a Blend	Sourav Pujhari, S. Nayak, A.K.Sahoo and D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
25	In silico Analysis of Polyacrylic Acid and Polyurea Compatibility in a Blend	Sujit Karuan, S. Nayak, A.K.Sahoo and D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
26	In silico Analysis of Thermal and Dielectric Properties of Polyvinyl Alcohol and Polyvinyl Chloride Composite	Biswajit Padhan, S. Nayak, G.K.Mahato, D. Bhattacharyay	Mathematics	Indian Journal of Natural Sciences	2020	0976-0997
27	In silico Blend Compatibility Investigation of Poly (Biphenyl Dimethyl Carbonate) and Poly (Ether Sulfone)”	Ch Usha, S. Nayak, Mohammed Siddique and D. Bhattacharyay	Mathematics	Indian Journal of Natural Sciences	2020	0976-0997
28	In silico Analysis of Polyvinyl Alcohol Acid and Poly-1, 2- α -D-Glucose Compatibility in a Blend	Preeti Kumari Batlabhadra, S. Nayak, G.K.Mahato and D. Bhattacharyay	Mathematics	Indian Journal of Natural Sciences	2020	0976-0997
29	In silico Analysis of Thermal and Dielectric Properties of Polyvinyl Alcohol and Poly-1, 2- α -D-Glucose Composite	Chandan Saraf, S.Nayak, Mohammed Siddique, C.R.Routray and D.Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
30	In silico Analysis of Thermal and Dielectric Properties of Polyvinyl Alcohol and Poly-1, 2- α -D-Galactose Composite	Hemanta Rana, Mohammed Siddique, C.R.Routray and D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997

31	In silico Analysis of Polyvinyl Alcohol Acid and Poly-1, 2- α -D-Galactose Compatibility in a Blend	Alok Budhia, Mohammed Siddique, S. K. Sahoo and D. Bhattacharyay	Mathematics	Indian Journal of Natural Sciences	2020	0976-0997
32	In silico Blend Compatibility Investigation of Poly (Biphenyl Dimethyl Carbonate) and Polydimethylsiloxane	Rasmita Sahoo, S. Nayak, Mohammed Siddique, S. K. Sahoo and D. Bhattacharyay	Mathematics	Indian Journal of Natural Sciences	2020	0976-0997
33	In silico Analysis of Polyacrylic Acid and Poly-1,3- α -D-Galactose Compatibility in a Blend	Ashutosh Naik, Mohammed Siddique, S. K. Sahoo and D. Bhattacharyay	Mathematics	Indian Journal of Natural Sciences	2020	0976-0997
34	In silico Analysis of Thermal and Dielectric Properties of Polyacrylic Acid and Polyacrylochloride Composite	S. Nayak, Mohammed Siddique and D. Bhattacharyay	Mathematics	Indian Journal of Natural Sciences	2020	0976-0997
35	In silico Analysis of Gas Permeability Properties of Polyacrylic Acid and Polyurea Composite	Ranjan Kumar Padhan, S.Nayak, D.Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
36	In silico Analysis of Gas Permeability Properties of Polyvinyl Alcohol and Polyethersulfone Composite”	Nimroj Khosla, S.Nayak, D.Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997

37	In silico Analysis of Mechanical Properties of Polyvinyl Alcohol and Polyethersulfone Composite	Archana Sahu, S.Nayak, D.Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
38	In silico Analysis of Mechanical Properties of Polyacrylic Acid and Polyurea Composite	Subhalaxmi Kuanr, S.Nayak, D.Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
39	In silico Analysis of Thermal and Dielectric Properties of Polyvinyl Alcohol and Polyethersulfone Composite	T Jaganatha Patro, S.Nayak, D.Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
40	In silico Analysis of Thermal and Dielectric Properties of Polyacrylic Acid and Polyurea Composite	Kartik Prasad Rajguru, S.Nayak, D.Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
41	In silico Analysis of Polyvinyl Alcohol and Poly Ethylene Terephthalate Compatibility in Blend	Biswaranjan Mishra, S. Nayak and D.Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
42	In silico Analysis of Polyacrylic Acid and Poly (Biphenyl Dimethyl Carbonate) Compatibility in a Blend	Lohita Karuan, S. Nayak, D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
43	In silico Analysis of Polyvinyl Alcohol Acid and Polybenzamide Compatibility in a Blend	Truptimayee Behera, S. Nayak and D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997

44	In silico Analysis of Polyvinyl Alcohol Acid and Polybutylene Isophthalate Compatibility in a Blend	Sangram Keshari Biswal and D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
45	In silico Analysis of Polyvinyl Alcohol acid and Poly (Ether Sulfone) Compatibility in a Blend	Baibhab Kumar Patra, S. Nayak and D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
46	In silico Analysis of Polyacrylic Acid and Poly Oxyethylene Comptibility in A Blend	Keshaba Karuan, S. Nayak and D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
47	In silico Analysis of Polyacrylic Acid and Poly-1,2- α -D-Galactose Compatibility in a Blend”	Anisetti Siva sankar, S. Nayak, D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
48	In silico Analysis of Polyacrylic Acid and Poly-1,2- β -D-Galactose Compatibility in a Blend	Lipan Kumar Nayak, S. Nayak, D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
49	In silico Analysis of Polyvinyl Alcohol and Poly (Biphenyl Dimethyl Carbonate) Compatibility in a Blend	Manoranjan Badajena , Sangam keshari Biswal, D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
50	In silico Analysis of Gas Permeability Properties of Polyvinyl Alcohol and Poly Butylene Isophthalate Composite	Sangram Keshari Biswal, D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997

51	In silico Analysis of Thermal and Dielectric Properties of Polyvinyl Alcohol and Poly (Butylene Isophthalate) Composite	Sangram Keshari Biswal, D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997
52	In silico Analysis of Mechanical Properties of Polyvinyl Alcohol and Poly Butylenes Isophthalate Composite	Sangram Keshari Biswal, S. Nayak and D. Bhattacharyay	Chemistry	Indian Journal of Natural Sciences	2020	0976-0997

6.2. Workshop and Conference

Different Schools of the University organised a number of seminars, workshops & conferences in-house. The details of these are presented in Table below.

Table 6.2: Details of Seminars, Workshops & Conferences Organised in 2020-21

Sl. No.	Topic
1.	National Conference on "Biotechnological approaches towards crop improvement" by School of Applied Science, Bhubaneswar Campus.
2.	National Conference on Nano Technology for Smart Materials by School of Applied Science, Bhubaneswar Campus.
3.	International Multidisciplinary E-Conference "Recent Advances in Applied Science" by School of Applied Science, Bhubaneswar Campus.
4	International E-Conference " Recent Advances in Biological Science" by School of Applied Science, Bhubaneswar Campus.
5	International Conference" Recent Advances on Emerging Materials, by School of Applied Science, Bhubaneswar Campus.
6	International Conference" Recent Advances on Applied Physics , by School of Applied Science, Bhubaneswar Campus.
7	National Virtual Conference on Challenges and Opportunities in Applied Zoology by School of Applied Science, Bhubaneswar Campus.
8	National Conference on Recent Trends in Bio-Sciences by School of Applied Science, Bhubaneswar Campus
9	Workshop for Verifying Indexed Journals by Mechanical Engineering Department, Bhubaneswar Campus
10	Workshop Social Network Analysis by School of Agriculture Science, Paralakhemundi Campus

7. Faculty & Staff Development Programmes

The Faculty and Staff are the most important resource of the University. As on November 2020 the faculty strength includes 152 in Paralakhemundi campus, 123 in Bhubaneswar campus, 26 in Rayagada campus and 28 in Bolangir campus. To improve the faculty resource in line with the needs of the internal and external environment, the University recruit's new faculty and staff and upgrades their competencies on a continuous basis. During the year Faculty Development Programmes were organised in-house for enhancing domain knowledge, teaching learning skill and competencies in engaging with community. The details are presented in Table 7.1. Faculty and Staff are sponsored to participate in programs outside the university, in areas that are not covered in-house.

Table 7.1: Details of In-house Faculty Development Programmes (2020-21)

Sl. No.	FDP Title	Dates delivered	No of training days	Resource person Name
1	Workshop on Block Chain	6th to 9th-Jan-20	4	Dr. Nagesh Kolagani
2	SDP on How to write a Proposal	7th-Jan-20	1	Dr. Dipankar Bhattacharyay
3	Machine Learning - Cat Swarm Optimization Technique (CSO)	7th-Jan-20	1	Prof. Ganapati Panda
4	Micro Teaching	9th to 10th-Jan-20	2	Dr. Bijay Bhujwal
5	MATLAB for Machine Learning	9th-Jan-20	2 hrs	Dr. R.C. Mohanty
6	Machine Learning - Multi Objective GA (NSGA2)	11th-Jan-20	2 hrs	Prof. Ganapati Panda
7	MATLAB for Machine Learning - Creating Vectors & Arayas	14th-Jan-20	2 hrs	Dr. R.C. Mohanty
8	MATLAB for Machine Learning - Mathematical Operations with Arrays	15th-Jan-20	2 hrs	Dr. R.C. Mohanty
9	MATLAB for Machine Learning - Programming using Script file	16th-Jan-20	2 hrs	Dr. R.C. Mohanty
10	Machine Learning - Least Mean Square Algorithm (LMS)	17th-Jan-20	2 hrs	Prof. Ganapati Panda
11	Mechanistic Organic Chemistry	17th&18th-Jan-20	2	Prof. Satyaban Jena
12	Machine Learning - Variants of LSM & RLS	18th-Jan-20	2 hrs	Prof. Ganapati Panda
13	MATLAB Programming Using Script File	21st-Jan-20	1	Dr. R.C. Mohanty
14	Animated Spreadsheets to Enhance Learning	23rd-Jan-20	1	Dr. Sarmistha Sahu Dr. R P Sahu

15	MATLAB Graphics (2D plotting)	23rd-Jan-20	2 hrs	Dr. R.C. Mohanty
16	MATLAB Graphics (2D plotting)	24th-Jan-20	2 hrs	Dr. R.C. Mohanty
17	Machine Learning - Bacterial Foraging Algorithm	25th-Jan-20	2 hrs	Prof. Ganapati Panda
18	Change Management towards Creativity & Excellence	27th-Jan-20	1	Mr. Himanshu Bhatt
19	Machine Learning - Differential Evolution Optimization (DEO)	28th-Jan-20	2 hrs	Prof. Ganapati Panda
20	Positive Classroom Behavior and Classroom Management	28th-Jan-20	1	Dr. Kalpana Sahoo
21	Skill in Knowledge	29th-Jan-20	1	Dr. Prafulla Kumar Mohanty
22	Basic Machine Learning Strategy Applied to Research Problems	31st-Jan-20	2 hrs	Prof. Ganapati Panda
23	MATLAB for Machine Learning - Polynomials and curve fitting	1st-Feb-20	2 hrs	Dr. R.C. Mohanty
24	GMP and cGMP Considerations in Pharmaceutical Industry	3rd-Feb-20	1	Prof. Devaraj Biswal
25	MATLAB for Machine Learning - Control Structure (Conditional Statements)	5th-Feb-20	2 hrs	Dr. Sujata Chakravarty
26	MATLAB for Machine Learning - Conditional Statements (Looping)	11th-Feb-20	2 hrs	Dr. Sujata Chakravarty
27	MATLAB for Machine Learning - Conditional Statements (Looping)	15th-Feb-20	2 hrs	Dr. R.C. Mohanty
28	Machine Learning - Introduction to Convolution Neural Networks (CNN)	20th-Feb-20	2 hrs	Prof. Ganapati Panda
29	MATLAB for Machine Learning Introduction to Convolution Neural Networks (CNN)	22th-Feb-20	2 hrs	Dr. R.C. Mohanty
30	Machine Learning	28th-29th Feb 20	2	Prof. Ganapati Panda
31	Ethics	9th-Mar-20	3 hrs	Dr. Supriya Pattanayak
32	FACT 2 - Machine Learning	16th-Mar-20 to 12th-Apr-20	12	Mr. Mukti Patra and team
33	FACT 1 - Python	1st to 25th - Apr-20	25	Prof. Nagesh Kolgani, Prof. Ramana

34	FACT 3 - Biovia	1st to 24th - Apr-2020	20hrs	Dr. Dipankar Bhattacharyay
35	FACT 3 - Biovia	10th Apr-2020	12 hrs	Dr. Dipankar Bhattacharyay
36	FACT 3 - Biovia	11th Apr-2020	12 hrs	Dr. Dipankar Bhattacharyay
37	Web development using Wordpress	27th to 28th Apr - 2020	8hrs	Prof. K.V.Kalyan Chakravarthy
38	Computational Biology	29th-Apr-20	2hrs	Dr. Somasekhar Dhavala, Embibe, Bengaluru, Founder - mlsqaure.org, VitalTicks Ltd Visiting faculty - PES University
39	Making of Android App	30th Apr-1st May 2020	2hrs	Prof. S.B.Maharana
40	Dash Board Development	1st May	2hrs	Mr. Vijay & Mr. Dhiren, iCloudEMS
41	AI, Robotics & Simulation for Aerospace & Defense Applications	2nd May 2020	2hrs	Ajith Balakumar, Forthcode Technologies
42	Workshop on Library Resources	4th May 2020	1hrs	Sunil Biswal & Ashutosh Padhi
43	Robotics	4th May 2020	2hrs	Sakhyasingh Mahapatra, MD, Sakrobotix Lab
44	Dymola and Apriso	5th May 2020	2hrs	Dr. Arun Manohar, Prof. Rakesh Ray, Prof. Sudhanshu Samal
45	Material Studio_Biovia	6th May 2020	2hrs	Dr. Dipankar Bhattacharyay & Mrs. Siplalin Nayak
46	Simulia	7th May 2020	2hrs	Dassault
47	Block-Chain	8th May 2020	2hrs	Validlog
48	Infographics & Hyperspectral Analysis	9th May 2020	2hrs	Dr. Anita Patra & Dr. Amiya Singh
49	Multipsectral /Hyperspectral Analysis	11th May 2020	2hrs	Dr. R.N.Sahu, IARI, New Delhi
50	IPR_NRDC	12th May 2020	2hrs	Dr. B K Sahu, NRDC
51	Nutraceuticals	13th May 2020	2hrs	Dr. Amit Sreevastav, Nutfify India
52	Simulia, Smart Bim	14th May 2020	2hrs	Mr. Anand ,Mr. Dinesh, Mr. Nitish
53	Generative Apps	15th May 2020	2hrs	Raj Kumar
54	BIO MATERIALS	18th May 2020	2hrs	Dr Kingshuk Poddar

55	FDP on 3D Additive Manufacturing	19th May 2020	2hrs	Dr. U. Chandrashekhar of WIPRO
56	Geovia and Presentations use AWS	20th May 2020	2hrs	Mr. Dinesh, GTM Team
57	Workshop for Verifying Indexed Journals	21st May 2020	2hrs	Dr. R. C. Mohanty
58	Laser Additive Manufacturing	22nd May 2020	2hrs	Prof. C.P.Paul, RRCAT, Indore
59	Course outlines	25th May 2020	2hrs	Prof. D.N.Rao
60	Creating Web based course outlines	26th May 2020	2hrs	Dr. P.K.Mohanty & Codetantra
61	World Skills	27th May 2020	2hrs	Dr. Amiya Singh & Team
62	Course Outlines	28th May 2020	2hrs	Prof. D.N.Rao
63	FDP with Phil Burgess	29th May 2020	2hrs	Dr. Phil Burgess, CEO, Giant Corporations
64	NLP(Natural Language Processing)	30th May 2020	2hrs	Prof. S.B.Maharana, Prof. K.Santosh Rao, Prof. A.Avinash
65	ARVR & NPL	1st June 2020	2hrs	Mr. Goutam Maity
66	Nano Materials And Others	3rd June 2020	2hrs	Dr Rukmini Mishra
67	John Toohey	4th June 2020	2hrs	Dr John Toohey
68	Plant based drug discovery & Converting a course into source of publication	5th June 2020	2hrs	Dr. Amiya Singh
69	Unity - Enforcing Real time	6th June 2020	2hrs	Mr. Aritran Mukharjee
70	Development of Matching Implements to Mini Tractor (15hp) for the benefit of Small and Marginal Farmers in India	10th June 2020	1hrs	Dr. Joseph Reddy, Principal Scientist (Agril Engg. in Farm Machinery), RARS, ANGRAU (AP)
71	Exploring Strategy for doubling farmers' income	10th June 2020	1hrs	Dr. Kausik Pradhan
72	FDP on JAVA	11th June 2020	2hrs	Mr. Debendra Moharana
73	ROS Training	8th to 11th June 2020		Prof. Gautam Modak
74	Introduction to Digital Painting	12th June 2020	2hrs	Ms. Bhavya Kirti
75	Metabolic engineering of high value nutraceuticals and bioactive compounds	13th June 2020	2hrs	Dr. Sangram Lenka, TERI-Deakin Nanobiotechnology Centre, The Energy and Resources Institute, Haryana

76	FDP on JAVA	14th June 2020	2hrs	Mr. Debendra Moharana
77	Vanilla Cultivation	16th June 2020	2hrs	Mr. David Soo
78	Coursera	17th June 2020	2hrs	Mr. Shaurya Pratap Singh
79	Protected cultivation	19th June 2020	2hrs	Dr. K V Raman Rao, SERB
80	Bio process techniques & down stream of targeted metabolites	20th June 2020	2hrs	Dr. Subaj Sahoo, Prof. Utkal University
8	Social Network Analysis	23rd June 2020	2hrs	Dr. Atanu Deb and Prof. D N Rao
82	Development of Transgenic in Rice_Nano materials	29th June 2020	2hrs	Dr. Ranjan Sahoo, Dr. Deepak Sahu and Dr. Shrabhan Sahu
83	Material Testing & Characterization LAB_ Amendments of FPOs	30th June 2020	2hrs	Dr. A M Mohanty, Mr. Pratap, Dr. Durga Padhi, Dr. Girija Nandini & Mr. Ramakrishna Raju
84	Machining Facilities, Hydrophobic Nanomaterials	1st July 2020	2hrs	Prof. Sadat Ali, Dr. Satyanarayan Dhal
85	MECHEM COMPOSITES	2nd July 2020	2hrs	Mr. J K Rath
86	Biofertilizer Biotechnology Tissue Culture	3rd July 2020	2hrs	Dr. Pushpalata, Dr. Praveen
87	Table Top Accelerator	4th July 2020	1hrs	Dr. Prasanta Rath
88	Biodiesel	4th July 2020	1hrs	Dr. Narayan Gouda
89	GTF work	6th July 2020	2hrs	Shashi
90	Agriculture	7th July 2020	2hrs	Sun Moksha, ITC, IFFCO , Dr Sahoo of IARI, Dr Ramana Rao and Abhishek of General Aeronautics
91	Agriculture Engineering	8th July 2020	2hrs	Dr Sivala Kumar
92	Research Presentation	9th July 2020	2hrs	
93	Global status of Fisheries and aquaculture vis-a-vis India's potential and challenges	10th July 2020	2hrs	Dr .M.V.Gupta, an eminent Fisheries Scientist
94	Adobe spark tools, Doodly tools	13th July 2020	2hrs	Dr. Amiya Singh, Mr. Abhi Mitra, Dr. Padmaja Patnaik
95	ROS	14th July 2020	2hrs	Md. Debaraj Rana and Ms. Jeevaratnam
96	Orientation to Gaming Solution	15th July 2020	2hrs	Ansuman Dalai
97	German varsity	16th July 2020	2hrs	Mr. Raj
98	What a Brand gives	17th July 2020	2hrs	Prof. Govindarajan

99	Resilient Leadership: Ensuring future readiness by exploring new opportunities during this time of Uncertainty	18th July 2020	2hrs	Mr. Damodaran Subramaniam, Managing Director, Safran Engineering Services
100	Discussion on course resistration and implimentation	20th July 2020	2hrs	Prof. K V Kalyan
101	E lab note_Doodly_Adobespark	21th July 2020	2hrs	Prof. K V Kalyan
102	IIT Gn - 2018	22th July 2020	2hrs	
103	How to do effecive teaching	23th July 2020	2hrs	Prof. Govindarajan
104	How to use the E Lab record	24th July 2020	2hrs	Prof. S B Moharan & Team
105	Discussuion	25th July 2020	2hrs	Dr. Trilochan Mohapatra, DG ICAR
106	Job Readiness training	30th July 2020	2hrs	T & P cell
107	Skin manifestation of COVID 19' by a doctor	1st Aug 2020	2hrs	Dr. Kumar Abhishek
108	Genomic approaches for bacterial blight management in commercial crops	3rd Aug 2020	2hrs	Dr. PV Parvati Sai Arun
109	Reduction of Wing Tip Vortex by using Active and Passive Techniques	5-Aug	2hrs	Dr. Sangram Samal, Mr. Nilamadhab Das and Mr. Debasis Sahu
110	Image Processing to Computer Vision	10-Aug	2hrs	Dr. Jharana Majumdar
111	Image Processing to Computer Vision	11-Aug	2hrs	Dr. Jharana Majumdar
112	Video Processing	13-Aug	2hrs	Dr. Jharana Majumdar
113	CFD	17-Aug	2hrs	Dr. Sekhar Majumdar
114	Turbulence Fluid Dynamics	18-Aug	2hrs	Dr. Shekhar Majumdar
115	Blockchain	21-Aug	2hrs	Siddharth & Rohan
116	Video Image Processing	25-Aug	2hrs	Dr. Jharana Majumdar
117	Coal Briquettes from Agriculture Waste	26-Aug	2hrs	Mr. Mangesh Desai
118	Review of content developed by faculty using Doodly and Adobe Spark	27-Aug	2hrs	CUTM & CPS
119	Educational Technology: Challenges and Opportunities	31-Aug	2hrs	Mrs. Chinu Bohidar

*** Only a few of the FDPs are mentioned here, this is not an exhaustive list.**

8. Recognitions & Achievements

Ph.D. Awarded

- Kunjabihari Swain in ECE, “*Wide Area Situational Awareness Assessment Using Phasor Measurement Units*” under the guidance of Dr. S.K.Mandal.
- Badrinarayana Mohapatra in ECE, “*Analysis Of Different Indoor Illumination Methods Using Daylight*”
- Sudeshna Dutta in Management, “*Evaluating Service Quality with Customer Satisfaction - A Study Of Private Sector Banks In Bhubaneswar*” under the guidance of Dr. Muktikanta Mishra.
- Suchismita Mohanty in Physics “*Preparation_And_Characterization_Of_Graphene-Based Polymer Composites for Improvement in Structural, Mechanical and Electrical Properties*” under the guidance of Dr. Subrat Sarangi.
- Adarsh Rath in Management “*Performance Management System in Ngos: A Case Study in Harsha Trust*” under the guidance of Dr. Haribandhu Panda.
- Madhusmita Choudhury in Management “*Brand Evangelism and Customer Satisfaction of Car Purchase*” under the guidance of Dr. P. K. Mohanty.
- Shiv Sankar Das in Management “*Diffusion of Clean Energy Products in Rural Areas of India: Case Study*” under the guidance of Dr. Haribandhu Panda.
- Vade Venkata Suresh in Mechanical “*Development of Mechanical Vibration System to Influence the Metallurgical and Mechanical Properties of Mild Steel 1018 Welded Joints*” under the guidance of Dr. P.S. Rao.

Session Chaired, Talk Delivered

- Session Chaired by Dr. Tapan Dash in the International Multidisciplinary E-Conference “Recent Advances in Applied Science”: Centurion University of Technology and Management, 27th to 28th January 2021.
- Session Chaired by Dr. J.P.Rath and Dr. S. Bhattachryya International E-Conference “Recent Advances in Biological Science” Centurion University of Technology and Management, 27th December 2020.
- Session Chaired by Dr. Atia Arzoo International Conference” Recent Advances on Emerging Materials Centurion University of Technology and Management, 23rd December 2020.
- Session Chaired by Dr. Tapan Dash in the International Conference” Recent Advances on Applied Physics: Centurion University of Technology and Management, 4th August 2020
- Session Chaired Dr. Yashaswi Nayak National Virtual Conference on Challenges and Opportunities in Applied Zoology Centurion University of Technology and Management, 8th August 2020.
- Session Chaired Dr. Gagan Kumar Panigrahu National Conference on Recent Trends in Bio-Sciences Centurion University of Technology and Management, 6th March 2021
- Session Chaired Dr. Rukmini Mishra National Conference on "Biotechnological approaches towards crop improvement" Centurion University of Technology and Management, 4th July 2020.

- Session Chaired Dr. S.Behera National Conference on Nano Technology for Smart Materials Centurion University of Technology and Management, 31st July 2020.

Faculty & Staff Performance Awards 2021

Congratulations to the Awardees !!!

Provost Research Faculty Awards 2021:

PROVOST RESEARCH AWARDS -2021		
AWARD	NAME OF THE FACULTY	DEPARTMENT/SCHOOL
EMINENT ACHIEVER AWARD	Ms. Preetha Bhadra	MSSSoA
	Dr. Rukmini Mishra	MSSSoA
	Dr. Pradipta Banerjee	MSSSoA
	Ms. Swarnaprabha Jena	ECE/SoET
	Dr. Madhumita Das	SoM
DISTINGUISHED ACHIEVER AWARD	Dr. Atanu Deb	MSSSoA
	Dr. Dojalisa Sahu	Chemistry/SoAS
ABDUL KALAM CHAIR PROFESSOR	Dr. Sujata Chakravarty	CSE/SoET
	Dr. P S Rao	ME/SoET

Faculty & Staff Performance Awards 2021:

CERTIFICATE OF EXCELLENCE(For Patents, Design Applications, Copyrights, ATAL FDPS)

Sl. No.	Name of the Faculty	Category	Year	School
1	Dr. Anita Patra	Copyright	2020-21	SoM
2	Dr. Prajna Pani	Copyright	2020-21	SoM
3	Prof. D.N. Rao	Copyright	2020-21	SoM
4	Dr. Preetha Bhadra	Patents	2020-21	MSSSoA
5	Prof. Nimay Chandra Giri	Patents	2020-21	SoET
6	Prof. Suman Kumar Sudhanshu	Patents	2020-21	SoMS
7	Dr. Atanu Deb	Patents	2020-21	MSSSoA
8	Dr. G. Arun Manohar	Patents	2020-21	SoET
9	Prof. Chinmay Chidananda Behera	Patents	2020-21	SoPLS
10	Dr. Amulyaratna Behera	Patents	2020-21	SoPLS

Medal of Honour for Patent Publised Details During 2020-21

Sr.No.	Year	Name of Faculty	Medal presented to	School
1	2020	Dr. Preetha Bhadra	Dr. Preetha Bhadra	MSSSoA
2	2020	Dr. Preetha Bhadra & Dr. Atanu Deb	Dr. Preetha Bhadra & Team	MSSSoA
3	2020	Dr. Nimay Chandra Giri, Dr. Ramesh Chandra Mohanty & Prof. Jagannath Padhi	Dr. Nimay Chandra Giri & Team	SoET
4	2020	Mr. Suman Kumar Sudhanshu	Mr. Suman Kumar Sudhanshu	CUTM
5	2020	Mr. N. Laxmidhar Reddy, Pritam Das & Jyoti Lal Lodhi	Mr. N. Laxmidhar Reddy & Team	GTET

6	2020	Dr. G. Arun Monohar & Dr. D. Nageswara Rao	Dr. Arun Manohar & Team	SoET
7	2020	Dr. Amulyaratna Behera, Prof. Chinmay Chidananda Behera, Dr. Priyanka Das, Prof. Suchismita Behera, Prof. Suman Kumar Mekap & Dr. Gurudutt Pattnaik	Dr. Amulyaratna Behera & Team	SoFS
8	2020	Dr. Sujata Chakravarty	Dr. Sujata Chakravarty	SoET
9	2020	Dr. Sujata Chakravarty , Dr. Satyabrata Dash, Dr. Hemraj Saini, Prof. Swarnaprabha Jena , Prof. Subrat Kumar Pradhan , Prof. Barada Prasad Panigrahy, Dr. Subash Chandra Nath, Dr. Susanta Kumar Rout & Dr. Geetanjali Rathee	Dr. Sujata Chakravarty & Team	SoET

9. Collaborations & Networking

During the year the University signed MoUs with 11 institutions within the country and 3 institutions outside the country. The details are presented in Table 9.1. Our relationship with existing collaborators have been deepened and widened.

Table 9.1: Details of Collaboration

Sl. No.	Partner Institution	Scope
1	Mou With Shankaranarayana Life Sciences Llp, Bengaluru (Sn Life Sciences)	Encourage and facilitate co-operation in the fields of Biotechnology, Agriculture, Ag Engg., Microbiology and Food Sciences
2	Mou With Paygate India Private Limited	Software
3	MoU With Centurion University - IFFCO Kisan , New - Delhi	Research & Development
4	MoU with Skyline University Nigeria (SUN), Nigeria	Academic Collaboration Faculty & Student Exchange Programme
5	MoU_Cognitive DLP_CUTM	Student's Employability
6	MoU with Wipro	Project
7	CUTM Nutrify India MOU, Mednutra Pvt. Ltd.	Project
8	MoU with Sunmoksha Power Pvt. Ltd	Research Project
9	MoU With Trilochan Netralaya , Budharaja, Sambalpur	Student's Employability

10	MoU With UP Education & iQuery Australia	Student's Higher Education
11	MoU with Singapore Campus of James Cook University	Student's Higher Education
12	MoU with Vraddhi Organic Agro India Pvt. Ltd., Mathura (UP)	Student's Higher Education
13	Mou with Catosoft Technologies Pvt Ltd	For internships & placements with the company clients
14	Mou With Gajju Technologies Private Ltd.	Students Loan Purpose

10.Events

10.1 CSR Activities

The University organised a number of events in the areas of Culture, Sports & Socially Responsible activities.

Cultural Activities

- Working on CUTM student Newsletter, Wall Magazine, and Annual Magazine,
- Organising/participating in dance, music or drama events.
- Preparing artistic works (e.g. murals) for beautification of CUTM.
- Participating in any event organised by the clubs under cultural activities.
- Painting and Photography etc.....



Sport Activities

- Participating in individual and team sports of the Institute
- Taking part in sporting expeditions.
- Participating in Health Club/Yoga Club.
- Participating / organising any adventurers' activities.
- Organising a college marathon/other sporting event etc.....



ଭୁବନେଶ୍ୱର ଅକ୍ଟୋବର କ୍ରିକେଟ୍ ଫାଉଣ୍ଡେସନ୍ ପ୍ରତିଷ୍ଠା-ଟାଉନ୍ କ୍ଲବ୍



Socially Responsible Activities

- Any activities which benefit the community or environment.
- Plantation inside or outside CUTM.
- Visiting and helping in hospitals or orphanages.
- Blood donation camp.
- Organizing Health checkup camp.
- Save environment from pollution camp.
- Educational camp for population control.
- Organize disaster service camp.
- Socio-economic survey.
- Take emergency relief measures to the victims of natural disaster.
- Development of the sense of integration and friendliness.
- Volunteering with local NGOs, or coming up with your own social/environmental project in a group of students and working on it.
- Youth Red Cross activities.
- Fund raising for social/environmental projects etc.



10.2 Distinguished Visitors

There were a number of distinguished persons who visited the University during the year, the same are presented in Table below.

Table 10.2: Distinguished visitors

Sl. No	Name of Visitors	From
1	Dr. Somasekhar Dhavala	Embibe, Bengaluru, Founder - mlsqaure.org, VitalTicks Ltd Visiting faculty - PES University
2	Prof. C.P.Paul	RRCAT, Indore

3	Dr. Somasekhar Dhavala	Embibe, Bengaluru, Founder - mlsqaure.org
4	Mr. Ajith Balakumar	Forthcode Technologies
5	Dr. B K Sahu	National Research Development Corporation
6	Dr. Amit Sreevastav	Nutrify India
7	Dr. Joseph Reddy	Principal Scientist (Agril Engg. in Farm Machinery), RARS, ANGRAU (AP)
8	Dr. Sangram Lenka	TERI-Deakin Nanobiotechnology Centre, The Energy and Resources Institute, Haryana
9	Dr. Subaj Sahoo	Professor Utkal University
10	Dr .M.V.Gupta	an eminent Fisheries Scientist
11	Mr. Damodaran Subramaniam	Managing Director, Safran Engineering Services
12	Sakhyasingh Mahapatra	MD, Sakrobotix Lab
13	Dr. Phil Burgess	CEO, Giant Corporations
14	Dr. Trilochan Mohapatra	DG ICAR
15	Prof. Usha Bajpai	Retired Professor, Dept. of Physics & CEREER, University of Lucknow, U.P.
16	Dr. Manas Ranjan Kar	M & E Specialist, PPOMU Finance Department, Govt. of Odisha

10.3 Acknowledgements

The University is grateful to number of Institutions and Individuals for their generous support in pursuing its mission and vision. Some of the agencies who supported during the year are listed below.

- i. Government of India
- ii. Government of Australia
- iii. Government of Norway
- iv. other National Governments
- v. International and National Organizations
- vi. Government of Odisha
- vii. Other State Government and their Agencies
- viii. International, National and State Level Companies
- ix. Academic and Research Institutions
- x. Civil Society Organizations
- xi. Individual Donors and Well Wishers.

Mission

A globally accredited human resource centre of excellence catalysing "sustainable livelihoods" in the "less developed markets across the globe".

Vision

- Provision of quality, globally accredited academic programmes in technology and management.
- Provision of globally accredited employability training for less endowed segments of the population.
- Promotion of entrepreneurial culture and enterprise in the target areas.
- Facilitating improved market access to goods and financial services to the target population.
- Promotion of lighthouse project interventions in the target area.

Centurion University of Technology & Management, Odisha



CENTURION
UNIVERSITY
Shaping Lives...
Empowering Communities!

Paralakhemundi Campus: At - Village Alluri Nagar, P.O. - R Sitapur, Via- Uppalada, Paralakhemundi, Dist:

Gajapati – 761211 Odisha, India Phone: (06815) 222999, (06815) 223088, Fax: (06815) 222150

Bhubaneswar Campus: At – Ramchandrapur, P.O. - Jatni, Bhubaneswar, Dist: Khurda – 752050,

Odisha, India Phone: (0674) 2492496, Fax: (0674) 2490480

Visakhapatnam Campus: MIG 33 Vuda Colony Phase - I, Madhavadhara, Visakhapatnam (Andhra Pradesh), Pin: 530018 Phone: 0891 2723491

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ANNUAL REPORT

2019-20



Board of Governors		
Sl. No.	Name	Designation
1	His Excellency Prof. Ganeshi Lal Hon'ble Governor of Odisha	Visitor
2	Prof. Mukti Kanta Mishra, President, CUTM	Chairman
3	Prof. D. N. Rao, Vice President, CUTM	Member
4	Prof. Supriya Pattanayak, Vice Chancellor, CUTM	Member
5	Mr. Vineet Chhatwal, CEO, CUTM	VC Nominee
6	Shri Saswat Kumar Mishra, IAS	Ex Officio Member- Govt. of Odisha
7	Prof. Sudhakar Panda	Nominee- Govt. of Odisha
8	Prof. Omkar Nath Mohanty	Nominee- Govt. of Odisha
9	Dr. Mary Bage	Nominee- Govt. of Odisha
10	Shri. PNSV Narsimham	Trust Nominee
11	Dr. Mohan Kanda, IAS (Rtd.)	Trust Nominee
12	Shri. Aditya Sapru	President Nominee
13	Dr. C.R. Rao	Trust Nominee
14	Prof. Anita Patra, Registrar, CUTM	Ex Officio Member Secretary

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List of Abbreviations

APSSDC- Andhra Pradesh State Skill Development Corporation

APEDA- Agricultural and Processed Food Products Export Development Authority

BAIF- Bharatiya Agro Industries Foundation

BCKV- Bidhan Chandra Krishi Viswavidyalaya

BEML- Bharat Earth Movers Ltd

BITS- Birla Institute of Technology and Science

CCD- Café Coffee Day

CTTC- Central Tool room & Training Centre

CAD/CAM- Computer Aided Design/Manufacturing

CUCREE- Centurion University Centre for Renewable Energy & Environment

CSR- Corporate Social Responsibility

CUTM- Centurion University of Technology & Management

CIPET- Central Institute of Plastics Engineering & Technology

DDUGKY- Deen Dayal Upadhyaya Grameen Kaushalya Yojana

FDP- Faculty Development Programme

GTIDS- Gram Tarang Inclusive Development Services

GTETS- Gram Tarang Employability Training Services

GTF- Gram Tarang Foods

HPCL- Hindustan Petroleum Corporation Ltd

HAL- Hindustan Aeronautics Ltd

IFFCO- Indian Farmers Fertiliser Cooperative

IGKV- Indira Gandhi Krishi Vishwavidyalaya

IKS- Institute of Knowledge Society

IJCR- International Journal of Current Research

IEEE- Institute of Electrical and Electronics Engineer

IOSR- International Organization of Scientific Research

IIW- International Institute of Welding

ICMSEA- International Conference on Materials Science and Engineering Application

LMSC- Last Mile Supply Company

MoU- Memorandum of Understanding

MSSSoA- M.S. Swaminathan School of Agriculture

MCSP- Maternal and Child Survival Program

NALCO- National Aluminium Corporation Ltd

NBFC- Non Banking Finance Company

NSIC- National Small Industries Corporation

NCC- National Cadet Corp

NSDC- National Skill Development Corporation

NSS- National Service Scheme

OPHC- Odisha Police Housing Corporation

OPTCL- Odisha Power Transmission Corporation Ltd

PGCIL- Power Grid Corporation of India Ltd

PMKVY- Pradhan Mantri Kausal Vikas Yojana

REC- Rural Electrification Corporation

RB- Ratnakar Bank

SoM- School of Management

SoPAHS- School of Paramedics & Allied Health Sciences

SoPLS- School of Pharmacy & Life Sciences

SoVET- School of Vocational Education & Training

SBI- State Bank of India

SoAS- School of Applied Sciences

SoET- School of Engineering & Technology

STADPRO- Structural Analysis And Designing Program

SAIL- Steel Authority of India Ltd

SIET- Shambhunath Institute of Engineering and Technology

UMBC- Urban Micro Business Centre

UNESCO- The United Nations Educational, Scientific and Cultural Organization

UGC- University Grants Commission

VSSUT- Veer Surendra Sai University of Technology

WISTA- Work Integrated Skill Training and Apprenticeship

XIMB- Xavier Institute of Management

YRC- Youth Red Cross



VC's Note



As the Vice Chancellor of Centurion University of Technology & Management (CUTM), Odisha, I am privileged to present the Annual Report, covering the period from April 2019 to March 2020. In line with the University's motto of "*Shaping Lives and Empowering Communities*", we strived relentlessly to foster our long-term commitment towards nation building with an unflinching adherence to universal human values.

Over the years, CUTM has established itself as a leading institution in India, providing direction of skill-integrated and social-entrepreneurship led higher education. It has got the distinction of being recognized as the Institute for Assessment and Certification Body by Ministry of Skill Development and Entrepreneurship, Govt. of India. School of Vocational Education and Training (SoVET) under CUTM Odisha, has been recognised as a Centre of Excellence in the field of Skilling Ecosystem in the Country by Ministry of Skill Development and Entrepreneurship, Govt. of India. It was ranked 10th by Outlook-ICARE India University Rankings 2019: Top 25 Young Universities. Received Best University Award – 2019 by Indian Youth Association (IYA). The National Agricultural Education Accreditation Board of ICAR granted accreditation to the University's M.S.Swaminathan School of Agriculture for a period of five years up to 2024.

The University offered 2 Certificate, 13 diploma, 43 undergraduates and 54 postgraduate and doctoral programs through Schools of Agriculture, Applied Sciences, Architecture and Planning, Engineering, Management, Media and Communication, Paramedics and Allied Health Sciences, Pharmacy and Life Sciences and Vocational Education and Training located in four constituent campuses across Odisha, at Paralakhemundi, Bhubaneswar, Rayagada and Bolangir with a student strength of 8477 by end of 2019.

Over the year the University has launched a number of new programs, moved to new places, developed new partnerships, consolidated the existing offerings, and improved its global footprints through student and faculty exchanges. During the year, four new schools such as School of Forensic Sciences, School of Education, School of Open and Distance Education and School of Mining have been started. In 2019, the University launched new courses, such as Bachelor of Technology in Phytopharmaceutical Bachelor of Media Communication, Diploma in Automobile Engineering, Bachelor of Technology in Computer Science Engineering – Amazon Web Services (AWS), Bachelor of Technology in Computer Science Engineering – IBM, Master in Business Administration in Pharmaceuticals, Master in Business Administration for Executives, Bachelor of Science in Bio-Chemistry & Master of Science in Cyber Security.

It has brought together industry, academia, R&D organisations and community through its teaching, research, training and consulting activities in a collaborative framework to solve the problems individuals and societies face. It has been our privilege to fulfil the social obligation of tackling the current challenges while inspiring curious minds to be proactively prepared for the challenges of tomorrow.

I am sure with a solid foundation in place we are better prepared to meet the expectations of different stakeholders.

Prof. Supriya Pattanayak

1. Overview

Centurion University, in its nine plus years of existence, with UGC 12B status and NAAC A grade offers Certificate, Diploma, Under-graduate, Post-graduate and Doctoral programs through Schools of Agriculture, Applied Sciences, Engineering and Technology, Media and Communication, Paramedics and Allied Health Sciences, Pharmacy and Life Sciences, Forensic Sciences, Agriculture and Bio Engineering, Disaster Management, Fisheries, and Vocational Education and Training located in six different campuses across Odisha, at Parlakhemundi, Bhubaneswar, Balangir, Rayagada, Chatrapur and Gopalpur. It has more than 6000 students in graduate and postgraduate programs and over 15000 students in vocational programs. It has residential facility for 80% students and 50% faculty and staff. The University has well equipped learning laboratories, workshops, library, sports and health facilities.

Since the school education in the region was and still is of poor quality and there were large scale school dropouts, it became the first partner of National Skill Development Corporation (NSDC), Government of India, with a focus on Skills Development and Livelihood linked Education. Under the Innovation Agriculture project of NSDC, Centurion University is working in 9 districts of tribal dominated South Odisha and 3 districts of North Coastal AP. As of now Centurion has trained 2725 farmers and 124 Community Resource Persons. Project Atal which envisions doubling of farmers income by training and certification of 1,00,000 small and marginal farmers in 200 blocks of Odisha has covered 70,000 farmers as on date. Centurion University and LMDC provides end to end support to farmers for producing RNR (15048) controlled sugar variety of rice for doubling their income. o. Centurion University along with Gram Tarang has made an agreement with SEEDAP to train 3000 farmers in Srikakulam, Vizianagram and Vishakapatnam. It has covered 900 farmers as on date.

The University is organized in the form of Schools, such as M S Swaminathan School of Agriculture (MSSSoA), School of Applied Sciences (SoAS), School of Engineering and Technology (SoET), School of Management (SoM), School of Vocational Education & Training (SoVET), School of Pharmacy and Life Sciences (SoPLS), School of Media & Communication (SoMC), School of Paramedics & Allied Health Sciences (SoPAHS), Institute of Knowledge Society (IKS), and the Centurion University Centre for Renewable Energy and Environment (CUCREE).

CUTM believes in dynamic engagement with its stake holders and communities at large. To achieve this purpose, the University has incubated many social enterprises, social entrepreneurs, and outreach entities under the umbrella of Gram Tarang. Its incubated organizations work in the area of skills, financial inclusion, urban micro-business services, entrepreneurship, tribal development, food processing and agriculture. It includes Gram Tarang Employability Training Services (GTETS), Gram Tarang Inclusive Development Services (GTIDS), and Gram Tarang Foods (GTF), Urban Micro-Business Centre (UMBC), Last Mile Supply Company (LMSC) and Ratnakar Bank (RB). GTETS, GTIDS, GTF and LMSC are registered as for-profit private company under Company Act. UMBC and LMSC are registered as Section 8, not-for-profit Company. RB is registered as a Non-Banking Finance Company (NBFC). The reaches of these organisations span across India and they provide learning labs to the students and faculty of the University.



The University offers 2 certificates, 13 diploma, 43 under-graduate and 54 post-graduate and doctoral programs through schools of agriculture, applied sciences, architecture and planning, engineering, management, media and communication, paramedics and allied health sciences, pharmacy and life sciences and vocational education and training with a student strength of 8477 as on November 2019. This includes 46 international students who got their admissions this year. Over the last two years, Centurion University's admissions have grown by over 40%.

1.1 New Programmes

- Bachelor of Technology in Phytopharmaceutical
- Bachelor of Media Communication
- Diploma in Automobile Engineering
- Bachelor of Technology in Computer Science Engineering – Amazon Web Services (AWS)
- Bachelor of Technology in Computer Science Engineering – IBM
- Master in Business Administration in Pharmaceutics
- Master in Business Administration for Executives
- Bachelor of Science in Bio-Chemistry
- Master of Science in Cyber Security

In March 2019, The National Agricultural Education Accreditation Board of ICAR granted accreditation to the University's M.S. Swaminathan School of Agriculture for a period of five years up to 2024. School of Paramedics and Allied Health Sciences (SOPAHS) has got recognition for Allied Medical Science Courses for the academic session 2019-20.





2. Schools, Departments and Academic Programmes

2.1 M S Swaminathan School of Agriculture

M.S. Swaminathan School of Agriculture was established in the year 2013 at Paralakhemundi Campus. Presently the School has 1319 students, 187 acre of field labs for experiment in farm. It offers courses such as B.Sc. (Hons) in Agriculture, B.Tech. In Agriculture and M.Sc. in Agriculture, besides undertaking various training, research and consulting activities. It has eight departments.

2.1.2 Department of Agronomy

Agronomy Department of the M.S. Swaminathan School of Agriculture was established in the year 2013. The Department offers courses at undergraduate and postgraduate level of agricultural science and technology. The Department undertakes teaching, training, research and consulting in the areas of organic farming, integrated nutrient management, integrated weed management, varietal performance studies of different crops, intercropping system and introduction of new crops. Teaching and learning system is geared towards experiential and hands on mode rather than being class room and blackboard based.

2.1.3 Department of Horticulture

Horticulture Department of the M.S. Swaminathan School of Agriculture was established in 2013. The Department offers five courses in B. Sc. (Ag.), such as Production Technology of Vegetables; Production Technology of Fruits; Production Technology of Flowers; Production Technology of Spices, Aromatic, Medicinal and Plantation Crops; and Post-harvest Management and Value Addition of Fruits and Vegetables. The department undertakes teaching, training, research and consulting in the areas of vocational training, star program for farmers, etc. The department possesses a well-equipped laboratory for under-graduate students.

2.1.4 Department of Agricultural Extension

The Department of Agricultural Extension under M. S. Swaminathan School of Agriculture was established during 2013. Since then, it has been playing an important role towards progression of extension science with specific reference to research, education and training. The field of extension now encompasses a wider range of communication and learning activities organized for tribal/rural people from different parts of Orissa and Andhra Pradesh states to deliver the knowledge on various disciplines including agriculture, agricultural marketing and business studies. The basic focus of Extension has moved from technology dissemination to agricultural enterprise solution and entrepreneurship development.

2.1.5 Department of Entomology

The Department of Entomology was established in 2013 under the umbrella of M. S. Swaminathan School of Agriculture. The Department offers courses on Entomology to undergraduate and post graduate students and allied activities along with teaching by highly qualified, experienced and devoted teaching staff members.

2.1.6 Department of Genetics & Plant Breeding

The Department was established in 2013 under M. S. Swaminathan School of Agriculture at Centurion University of Technology and Management. In addition, the department is entrusted to laboratory work, research, extension and allied activities.

2.1.7 Department of Crop Physiology, Bio-Technology & Seed Science

Biotechnology encompasses a number of tools and elements of conventional breeding techniques, crop physiology, seed science technology, bioinformatics, microbiology, molecular genetics, biochemistry and molecular biology. Biotechnology defines (or parts of organisms) to make or modify a product, improve plants, trees or animals or develop microorganisms for specific uses. In this direction, the Department of Crop Physiology, Biotechnology and Seed Science in M. S. Swaminathan School of Agriculture has focused and equipped as state-of-the-art laboratories that mentor the students to inculcate hands on experiments and put-in the knowledge of theory in practice.

2.1.8 Department of Plant Pathology

The Department highlights on the study of plant pathogens and their interactions with plants-pests/pathogens leading to disease. The Department under the School of Agriculture has initiated to mentor under-graduate students to study, understand and investigate various host-microbe interactions and towards establishing practices in addressing field problems. It also deals with various aspects of agriculture including microbiology, principles of plant pathology and pathogens, diseases of field crops, Horticultural crops and their management, mushroom cultivation etc. The faculty members in the department are well qualified and acquired the required skills to carry forward such responsibilities with high accuracy.

2.1.9 Department of Soil Science & Agricultural Chemistry

The Department was established in 2013 under M.S. Swaminathan School of Agriculture and entrusted to contribute the service in teaching, laboratory practical work, research, extension and allied activities other than the teaching by esteemed faculty and staff members.

2.2 School of Architecture, Planning and Design

School of Architecture, Planning and Design was established in the year 2014 at Bhubaneswar campus, as per the guidelines of the Council of Architecture. It offers B. Arch (Bachelor of Architecture), besides undertaking various training, research and consulting activities. The motto of the school is to give the society young and qualified people who are not only conscientious architects but are also responsible decision makers who give utmost value to sustainability and inclusivity.

2.3 School of Engineering and Technology

The School of Engineering and Technology (SoET) was established in the year 2013. Presently the School has 526 students. It offers courses at Bachelor, Master and Doctoral level, besides undertaking various training, research and consulting activities. The B. Tech programs in the School are in Civil Engineering, Mechanical Engineering, Computer Science and Engineering, Petro Chemical Engineering, Electrical and Electronics Engineering, Agriculture Engineering, Electronics and Communication Engineering and Dairy Technology. The M. Tech programs are in Civil Engineering, Mechanical Engineering, Computer Science and Engineering, Electrical and Electronics Engineering and Electronics and Communication Engineering. The programs are offered in Paralakhemundi and Bhubaneswar Campuses. The programs offered follow a pedagogy of 40% theory and 60%.

2.3.2 Department of Civil Engineering

Civil Engineering in Centurion University is offered in both the campuses at Parlakhemundi and Bhubaneswar. It has a total student strength of 45 students.

The department has senior faculty members drawn from retired professors from reputed engineering colleges of Odisha and Andhra Pradesh (AP). It has few professors who have been Chief Engineers of the state.

The department offers courses at undergraduate level, graduate level (Structural Engineering, Hydraulics and Transportation Engineering). The main areas of research in the Department are in Geotechnical Engineering, Structural Engineering, Hydraulics Engineering, Hydrology, GIS and GPS Systems.

2.3.3 Department of Chemical and Petro-Chemical Engineering

The Department of Chemical and Petro-Chemical Engineering offers separate but related degree programmes in Chemical Engineering, Petro-Chemical Engineering. Chemical engineers deal principally with production of chemicals from various raw materials and compounds and are also responsible for the extraction and processing of minerals.

2.3.4 Department of Computer Science and Engineering

Centurion University is about hands-on learning, and learning through experience. The Computer Science course is also about building the fundamental concepts with focus on software programming and projects. At Centurion University, we understood that writing programs and doing projects is the right way to build not just our foundations, but also interest and passion for the discipline. We also concluded our students must be proficient in one or two languages, and have capability to write original code in these. Centurion offers a set of core courses – with concepts we believe all must learn; and with a large number of electives. The electives are offered based on student interest, so they have a choice in what they want to learn.

2.3.5 Department of Electrical and Electronics Engineering

This Department strives for excellence in teaching, research and professional services to the industry so as to achieve eminence in selected niche areas of Electrical and Electronics Engineering. The Department offers four years of B. Tech course in Electrical and Electronics Engineering (EEE), Electrical Engineering (EE) and also two years of M. Tech course in Power System & Control Engineering (PSC). The department has many faculty with industry experience especially in Transmission and Distribution.

2.3.6 Department of Electronics and Communication Engineering

Department of Electronics and Communication Engineering aims to produce qualified and dynamic engineers in the fast changing area of Electronics Communication Engineering. The Department has sophisticated and modern laboratory equipment and software for research and development work in the areas of Antenna and Microwave Engineering, Signal Processing and Communication, VLSI, Embedded System. The Department has trained faculty from reputed Institutes of India. The students have been placed in different national and multinational companies. Department is offering domain based courses in the field of VLSI and Embedded System within the curriculum to enhance their skills and make student ready for the industry in association with different industry partners. It has a total strength of 44 students.

2.3.7 Department of Mechanical Engineering

The Department of Mechanical Engineering has strategic alliances with companies like NALCO, HAL, VEDANTA & JINDAL other than CTTC, CIPET, IIW & NSIC to provide superior theoretical and practical training. Besides, the Department has also provided Pro E and Ansys software in its labs. The mission of the Department is to establish itself as a centre of excellence in the field of Mechanical Engineering, through innovative teaching-learning methods, intensive CAD/CAM short term programs, Industry-Institute partnerships. The department focusses on manufacturing, welding, automotive design and auto service sector skill development. It has a total strength of 63 students.

2.4 School of Applied Sciences

The Applied Sciences was established in the year 2016 at Paralakhemundi Campus. Presently the School has 457 students, 8 well equipped labs in the academic complex and. It offers courses such as Bachelor of Science (B.Sc.) program for 3 years, Master of Science (M.Sc.) program for 2 years and M. Phil for 1 years, besides undertaking various training, research and consulting activities. It has eight departments.

2.4.1 Programmes Offered

2.4.1.1 B.Sc. (Hons) Programme

- Chemistry
- Optometry
- Mathematics
- Physics
- Information Technology
- Botany
- Zoology
- Bio-Chemistry
- Electronics

2.4.1.2 M.Sc. Programme

- Applied Chemistry
- Applied Mathematics
- Applied Physics
- Information Technology

2.5 School of Management

The School of Management of the University evolved from the Centurion School of Rural Enterprise Management (CSREM). Since inception, nearly a decade ago, its flagship program has been Master of Business Administration (MBA) that focuses on social entrepreneurship. It has a total strength of 143 students. The key strength of the School is its experienced and enthusiastic faculty, committed top management, flexible curriculum, experiential learning, digital course content, strong linkage with industry, academia, civil society and government, skill integration and outreach programmes.

2.5.1 Programmes Offered

2.5.1.1 Master Programmes

- Master of Business Administration
- MBA in Development Management
- MBA in Agri-business Management
- MBA in Data Analytics

2.5.1.2 Bachelor Programmes

- Bachelor of Business Administration (BBA)
- BBA in Financial Services
- Bachelor of Commerce (B.Com.)
- B.Com in Banking and Accounting

2.6 School of Media & Communication

The School of Media and Communications, under the auspices of the Institute of Knowledge Societies at Centurion University is being launched as a complete media school which will have an integrated Bachelors and Master's degree programme, short term skill programmes in partnership with the PMKVY scheme of the Ministry of Skill Development and Entrepreneurship, Government of India and industry partnerships with both National and Regional Media. The school will deliver UNESCO's "Model Curriculum for Developing Countries and Emerging Democracies".

2.6.1 Programmes Offered

- BA in Media & Communication
- MA in Media & Communication



3. Student Admissions

For the 2019-20 Academic year 2983 number of students were admitted in the university. It includes 258 in Diploma Programmes, 1273 in Bachelor Programmes, 433 in Master Programmes & 98 in Doctoral Programmes. The details are indicated in Table 3.1.

Table 3.1: Admission Mix in Academic Year 2019-20

Programme	Branch	Male	Female	Total
B. Tech.	Agri. Tech	42	19	61
	Civil	69	4	73
	ECE	30	3	33
	EEE/EE	35	2	37
	CSE	189	56	245
	Mechanical	87	1	88
	Dairy. Tech	7	0	7
	Phyto	11	9	20
	CSE - CTIS	7	0	7
	CSE - IBM	7	1	8
	CSE - AWS	2	0	2
	MI	13	0	13
	Aerospace	7	3	10
MBA	MBA	33	29	62
	MBA Data Analytics	10	3	13
	MBA PM	3	3	6
	MBA EXE.	4	1	5
B.Sc.	Chemistry	20	21	41
	Mathematics	7	4	11
	Physics	20	15	35
	Optometry	5	12	17
	Botany	6	8	14
	Information Technology	11	8	19
	Zoology	19	33	52
	CTIS –IT	6	2	8
M.Sc.	Chemistry	36	59	95
	Mathematic	5	8	13
	Physics	28	32	60
	Medical lab. Technology (MSc MLT)	2	1	3
	Microbiology	5	7	12
	Botany	21	87	108
	Zoology	52	127	179
	Forensic Science	6	12	18
	M. Sc.in Cyber Security & Digital Forensics	5	0	5
M. Tech.	PS	4	0	4

	RE	3	0	3
	TE	13	3	16
BBA	BBA	67	24	91
BCA	BCA	5	0	5
B. Pharm.	B.PHARM	110	15	125
D. Pharm.	D.PHARM	97	18	115
MEDIA-BA	MEDIA-BA	5	4	9
MEDIA-MA	MEDIA-MA	1	3	4
Diploma	Civil	114	20	134
	Mechanical	211	4	215
	Electrical	189	3	192
	Computer Science Engineering	52	13	65
	AE	12	0	12
	Mining	36	0	36
MSSSoA	B.Sc. (Ag.)	152	160	312
	B.Sc. (Fish.)	21	16	37
	M.Sc. (Ag.)	12	13	25
B.Com.	Commerce	37	13	50
M. Phil	Life Science	0	1	1
	Physics	9	4	13
	Chemistry	3	4	7
	Mathematic	2	1	3
	Botany	2	14	16
	Zoology	4	11	15
Ph.D.	Computer Science Engineering	5	5	10
	Civil	2	2	4
	Mechanical	4	2	6
	ECE	6	3	9
	EEE	2	3	5
	Physics	3	3	6
	Chemistry	3	4	7
	Mathematics	3	2	5
	Agriculture	4	2	6
	Humanities	1	0	1
	Material Science	1	0	1
	Botany	2	3	5
	Zoology	1	2	3
	Life Science	2	2	4
	Environmental Science	1	1	2
	Media Communication	1	1	2
	Pharmacy	4	4	8
Management	11	3	14	

TOTAL	2027	956	2983
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4. Placement

Students of Centurion University are groomed for employment in different organisations, enrolment in higher education institutions and starting their own enterprises. The outcome of the combined and relentless effort of Placement Team resulted in 1056 offers from 83 Companies in 2019-20. 42% of eligible engineering, 50% of eligible agriculture, 20% of eligible science and 100% of eligible management students were placed successfully. 35 students of the School of Agriculture qualified in Junior Research Fellowship in 2019.

Table 4.1: Students Placed in Different Organisations

Sl. No.	Name of the Company	No of Students Placed
1	IDBI Federal life Insurance	13
2	Flipkart India	1
3	Bharat Serums & Vaccines Limited	3
4	Aabsys IT	7
5	Britannia	7
6	Nineleaps Technology Solution Pvt Ltd	2
7	Tata Consultancy Services (TCS) Ltd	14
8	JustDial	15
9	Byjus	6
10	Abyeti Technologies Pvt Ltd	1
11	Dassault systemes	9
12	PinClick	8
13	Dream Organic Solution Pvt Ltd	12
14	TEKWISSEN	16
15	Tech Mahindra (A)	36
16	Indian Money	51
17	Gateway Technolabs	6
18	Cognizant (A)	4
19	Deloitte	2
20	Wipro Technologies (A)	6
21	Capgemini (A)	1
22	Tech Mahindra (B)	72

23	Atmecs	1
24	Extramarks	16
25	Mindfire Solution	2
26	EFFTRONICS SYSTEMS PVT LTD	4
27	GT Tech	15
28	Heraizen Technologies	3
29	Badve Engineering Ltd	17
30	Genpact	5
31	Capgemini (B)	2
32	Siyana Info Solutions	3
33	KYB Yamaha	37
34	Collabera IT Services	4
35	Bitibe Technologies	1
36	SKH Group	35
37	Tech Mahindra (C)	17
38	Research Nester	1
39	DigiVersal	5
40	Surya International Pvt Ltd	8
41	Syngenta Foundation	9
42	Rallis India	6
43	Etech Global Services (PKD)	6
44	Etech Global Services (BBSR)	8
45	Motherson Automotive (PKD)	5
46	<u>Vijaya Diagnostic Centre</u>	19
47	Lido Learning (B)	2
38	Motherson Automotive (Rayagada)	16
49	Teleperformance	5
50	Centre for Youth & Social Development	6
51	Kotak Mahindra Bank (PG)	4
52	Nexright Software Solutions Pvt. Ltd	1
53	Pyramid IT Consulting	5
54	Integrated Resources (PKD)	23

55	Capital Hospital	4
56	Apti components	12
57	HDB Financial Services Ltd	79
58	Tech Mahindra (D)	10
59	TraxSmart (Venera Software Pvt. Ltd.)	4
60	Ekutira	1
61	GENX Diagnostics	4
62	IMS-SUM Hospital	12
63	Lokesh Machines Ltd	14
64	Genpact (PKD) B	5
65	Dassault Systemes (B)	6
66	Zoxima Solution Pvt Ltd	3
67	Ajatus Software Pvt. Ltd	1
68	OMICS International	22
69	Illuminati Group (Rayagada)	49
70	Silicon Tech Labs Pvt Ltd	12
71	Wipro Technologies (B)	2
72	Toppr Technologies Pvt. Ltd	4
73	High Tech Next Engineering & Telecom Pvt Ltd	17
74	GT Tech (APSSDC)	6
75	Adhikar Microfinance Limited	6
76	Faurecia (TN)	49
77	Integrated Resources (B)	27
78	Axis Bank	26
79	Uddhav Realtech	2
80	Pathkind Pharma	5
81	Apollo Hospitals Enterprise Ltd	78
82	AMRI Hospital	6
83	CUTM-SoPAHS	7
Total Students Placed		1056

5. Consulting & Training

The university gives utmost importance to Consulting & Training having academic relevance. These activities are geared towards solving real life problems faced by organisations and communities. The details of consulting and training activities are presented in Table 5.1. During the year the University provided consulting & training worth Rs. Twenty-Two Crore Fifty-Two Lakhs Eighty-Nine Thousand One Hundred Eighty only. In 2019, Centurion University has received research & consultancy projects from Dairy Products, Vermicomposting, Mushroom Unit, Agriculture Produces (Mango, Paddy, Vegetables. Etc.), Atal Project, Ministry of Rural Development, Integrated Tribal Development Agency (ITDA), Orissa Skill Development Authority (OSDA), Ashok Leyland, Gap Inc., Mind Tree and The Odisha SC & ST Develop Fin Corp Ltd.

Table 5.1: Details of Training & Consulting Activities Undertaken

Client Organisation	Title of Project	Amount Received (Rs.)
CUTM messes, employees	Dairy Products	6,95,648
NGO's, CUTM farms, Watershed(Gajapati and Kandhamal)	Vermicomposting	2,51,460
CUTM messes, employees	Mushroom	1,14,250
CUTM messes, employees, market	Agriculture produces(Mango, paddy, vegetables etc.)	15,02,484
Atal Project	Farmer's training	43109 farmers @4542 per farmer= 195,801,078 Crore
Ministry of Rural Development	Assessment & Certification of DDU-GKY candidates	188576
Integrated Tribal Development Agency	Skill development training	485910
Orissa Skill Development Authority	Placement linked Skill development program	7000300
Ashok Leyland	Skill Enhancement training to automotive technician	227832
Gap inc .	Pace training	10714469
Mind Tree	Taring fro Deft & Dump	3748632
Cafe Coffee day	Skill training in Hospitality	3483272
The Odisha SC & ST Develop Fin Corp Ltd	Under Skill India - Fitter & electrical Trade to SC & ST candidates 200 Nos.	11075269

One of the key objectives of the University is empowering communities. Accordingly, a number of extension and community outreach activities have been undertaken during the year 2019-20 (Farmer Mela, Unnat Bharat Abhiyan, Model Village Program and NSDC Trainings)

6. Research Projects, Publications, Seminars & Conferences

Research & Publications are important activities of the University. The University encourages its Faculty and Students to undertake context specific research for solving real life problems faced by organisations and communities. During the Year University filed 28 patents.

The School-wise publications of faculty and students are presented next. During the year, the faculty and students published 133 number of journal articles.

6.1. List of Publications

Electrical and Electronics Engineering

Behera, R.R. & Kumar, S. (2019) “*Performance comparison of PV module using INC MPPT with Boost & SEPIC converter*” **International journal of Scientific & Technology Research** Vol-1 Issue 1

Kumar,S. (2019) “*Probabilistic evaluation and design aspects for reliability enhancement of induction motor*” **International Journal of Reliability and Safety** Vol-13 Issue-4

Civil Engineering

Nanda, S., Barik, K.K. & Annadurai, R. (2019) “*Urbanisation persuaded geochemical impact assessment og groundwater quality for Kattankulathur bloc, Tamil Nadu, South India*” **International Journal of ChemTech Research** Vol-12, Issue-1

Mishra, S.P., Sethi, K.C., Mishra, D.P. & Siddique, M. (2019) “*Pre-Monsoon Cyclogenesis over Bay of Bengal*” **International Journal of Recent Technology and Engineering**

Dalai, P.C., Tripathy, J.K., Barik, K.K., & Panda, S.R., (2019) “*Groundwater Hydrochemistry around the Shrimp ponds of Ersama and Balikuda Blocks, Odisha*” **Pollution Control**

Mohanty. M. & Panda, S. (2019) “*Crumb Rubber: A sustainable Road Paving Material*” **International Journal of Innovative Technology and Exploring Engineering**

Panda, S., Panigrahy, R.K. & Narashimam, M.L. “*A Review on Utilization of Alkali activated flyash and GGBFS as green concrete*” **ADALYA Journal** Vol-8 Issue-7

Rout, A.K., Nayak, S. & Jena, R.K. (2019) “*Recycling and reuse of reclaimed portland cement concrete aggregate*” **International Journal of Technical Innovation in Modern Engineering & Science**

Nayak, P., Panda, S. & Jena, R. (2019) “*Stabilization of soil subgrade using fly ash: an industrial waste*” **Infocara Research**

Mishra, S.P., Nayak, S. & Siddique, M. (2019) “*Optimized Structural Performance of Paver Blocks of Bajri Concrete: NRM Partly Substituting Cement*” **International Journal of Innovative Technology and Exploring Engineering**

Mohanty, M. & Panda, S. (2019) “*Crumb Rubber: A sustainable road paving material*” **International Journal of Innovative Technology and Exploring Engineering**

Mishra, S.P., Panda, S. & Siddique, M. (2019) “*An Autodesk Modelling of Urbanization by Vertical Multistoried Structures over Incompetent Soils*” **International Journal of Engineering and Advanced Technology**

Jena, R.K., Pani, P., Singh, S.K. & Nayak, P.K. (2019) “*Workability and strength analysis of concrete with brick ballast as coarse aggregate*” **International Journal of Engineering and Advanced Technology**

Electronics and Communication Engineering

Yuvraj, S., Fernandez, A.C., Sundararajan, M., Dash, C. S., & Sakthivel, P. (2019) “*Hydrothermal Synthesis of ZnO-CdS nanocomposites: Structural, Optical and Electrical Behaviour*” **Ceramics International** Vol-46, Issue- 1,391-402

Yuvaraj, S., A, Thamilselvan., Ramachandran, S., Venkatesan, S., Sundararajan, M., & Chandra Sekhar Dash (2019) “*Impact of Mg²⁺ ion on the structural, morphological, optical, vibrational and magnetic behaviour of ZnAl₂O₄ spinel*” **Journal of Superconductivity and Novel Magnetism**

Ramachandran, S., Dash, C.S., Thamilselvan, A., Kalpana, S. & Sundararajan, M. (2019) “*Rapid synthesis and characterization of pure and cobalt doped zinc aluminate nanoparticles via microwave assisted combustion*” **Journal of Nano science and Nanotechnology** Vol-20, Issue- 4, 2382-2388

Pradhan, S., Barik, D.K., Krishna, M.V. & Raut, S. (2019) “*Generation of Spreading Codes with Minimum Correlation using Sorting Genetic Algorithm-II*” **International Journal of Innovative Technology and Exploring Engineering** Vol-9 Issue-1

Padhy, S.N., Padhi, B.K. & Patnaik, P.K. (2019) “*Controller Design for Bridgeless SEPIC PFC Rectifier Operating in Continuous Conduction Mode*” **Far East Journal of Electronics and Communications**

Padhi, B.K., Padhy, S.N. & Patnaik, P.K. (2019) “*GSM Based Temperature and Humidity measurement of SILO*” **Far East Journal of Electronics and Communications**

Dhiwahaar, T., M. Sundararajan, P. Sakthivel, Dash, C.S. & S. Yuvaraj (2019) “*Microwave assisted combustion synthesis of pure and zinc doped copper ferrite nanoparticles: structural, morphological, optical, vibrational and magnetic behaviour*” **Journal of Physics and Chemistry of Solids**

Mohanta, H.C., (2019) “*Metasurface based frequency and polarization reconfigurable antenna*” **Far East Journal of Electronics and Communications** Vol-20 Issue-1, 21-27

Mohanta, H.C., (2019) “*Design of an improved absorbing structure using Jerusalem structure*” **International Journal of Emerging Technologies and Innovative Research** Vol-6 Issue-6, 167-172

Mohanta, H.C., Pradhan, S., Das, R. & Barik, D.K. (2019) “*Design of A Circular Patch Antenna for Wireless Body Area Network Application*” **International Journal of Emerging Technologies and Innovative Research** Vol-6 Issue-6, 721-725

Mohanta, G. & Mohanta, H.C. (2019) “*Image compression using different vector quantization algorithms and its comparison*” **International Journal of Innovative Technology and Exploring Engineering** Vol-8 Issue-9, 3459-3488

Mohanta, H.C., Kouzani, A.Z. & Mandal, S.K. (2019) “*Reconfigurable antennas and their applications*” **Universal Journal of Electrical and Electronic Engineering** Vol-6 Issue-4

Parida, P.K., Jena, S.P. & Rana, D. (2019) “*Road Detection Region Growing by Markov Random Field*” **International Journal of Technical Innovation in Modern Engineering & Science** Vol-5 Issue-4

Mahali, S., Barik, D.K. & Rana, D. (2019) “*Cost Optimization of Underwater Wireless Sensor Network using Conventional Method and Fuzzy Inference System*” **International Journal for Research in Applied Science and Engineering Technology** Vol-7 Issue-5

Mechanical Engineering

Patro, S., L. Harish & Rao, P.S. (2019) “*A Fuzzy Modeling for Selection of Machining Parameters in Wire Electrical Discharge Machining of D2 Steel*” **International Journal of Recent Technology and Engineering** Vol-8, Issue-5

Mishra, S. (2019) “*Design and Development of Weldment Bottom Scraper and its Strength*” **Journal of Emerging Technologies and Innovative Research**

Rao, P.S. (2019) “*Polymer Based Composites via Fused Filament Fabrications (FFF) - A Review and Prospective*” **National Conference on Advancements in Materials, Design and Manufacturing Methods**

Rao, P.S. (2019) “*Optimization of Wire EDM Process Parameters Using a Composite Method of AHP Based TOPSIS*” **National Conference on Advancements in Materials, Design and Manufacturing Methods**

Rao, P.S. (2019) “*Shape Memory Alloys a Great Boon for the Industrial Application*” **International Journal of Engineering Research & Technology**

Nayak, S. & Mallick, A. (2019) “*CFD Analysis of Electrolyte Flow in Electrochemical Machining*” **JP Journal of Heat and Mass Transfer**, Volume 17, Number 1, 2019, Pages 203-214

Rao, P.S. (2019) “*Feasibility of Reused Palm Oil Blends as a Dielectric Medium for Electric Discharge Machine*” **International Journal of Innovative Technology and Exploring Engineering** Volume-8, Issue-9

Mishra, S. (2019) “*Multiphase Mixture Model Simulation over a Simplified Car*” **Advances and Applications in Fluid Mechanics**, Volume 23, Number 1, Pages 17-24

Rao, P.S. & Suman, P. (2019) “*A Survey on Friction Stir Welding of Dissimilar Magnesium Alloys*” **International Journal of Scientific Research and Review**, Volume 8, Issue 1

Mohanty, R.C., Ray, N.H.S. & Mohanty, M.K. (2019) “*Energy Analysis in a Dual-Fuelled Diesel Engine*” **JP Journal of Heat and Mass Transfer**, Vol-18, Issue-2, ISSN: 0973-5763

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Seekoli, A. (2019) “A Methodology for Identification of Failures in Software Development Process” **International Journal of Engineering & Advanced Technology** Vol-9, Issue-1

A. Abhilasha. & Seekoli, A. (2019) “Textractor-Extract Optimal Character in an Image File” **Far East Journal of Electronics and Communications** Vol-20, Issue-2

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Krishna, M.V., Swain, S.K. & Prasad, S. (2019) “*Unsupervised Feature Learning On Big Data Based On Deep Learning with Weighted Softmax Regression*” **International Journal of Innovative Technology and Exploring Engineering** Vol-8, Issue-5

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Pani.P. & Ray. A. (2019) “*De Gendering of Genderlect: A case of Higher Education Institutions in Odisha*” **International Journal of Communication and Media Studies (IJCMS)** Vol-9, Issue-4

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6.2. Workshop and Conference

Different Schools of the University organised a number of seminars, workshops & conferences in-house. The details of these are presented in Table below.

Table 6.2: Details of Seminars, Workshops & Conferences Organised in 2019-20

Sl. No.	Topic
1.	National Seminar on Agriculture Development in Southern Odisha by M.S. Swaminathan School of Agriculture, Paralakhemundi Campus
2.	AWS Technical Essential Workshop by Computer Science Engineering Department, Paralakhemundi Campus
3.	Workshop on Computational Thinking by Computer Science Engineering Department, Paralakhemundi Campus
4	Workshop on Refrigeration and Air Conditioning by Mechanical Engineering Department, Paralakhemundi Campus in association with National Engineering Corporation, Visakhapatnam
5	National Seminar on 5G Communication Techniques by Electronics and Communication Engineering Department, Paralakhemundi Campus
6	Workshop on Internet of Things by Electronics and Communication Engineering Department, Paralakhemundi Campus
7	Workshop on Structural Design using Tekla by Civil Engineering Department, Paralakhemundi Campus in association with Civil Centre Pvt. Ltd., Bhubaneswar
8	Workshop on Introduction to Cloud Computing and its Applications by Computer Science Engineering Department, Bhubaneswar Campus
9	Five Day Workshop on Internet of Things using Arduino Board by Computer Science Engineering Department, Bhubaneswar Campus
10	Workshop on Artificial Intelligence, Wireless Communication and Mechatronics using Simulink and MATLAB by Computer Science Engineering Department, Bhubaneswar Campus
11	Seminar on Control of Automation under Water Vehicles like Submarine by Electrical Engineering Department, Bhubaneswar Campus
12	Seminar on Transformer Manufacturing by Electrical Engineering Department, Bhubaneswar Campus
13	Seminar on Optical Engineering- An Evolution from Science to Technology to Product by Mechanical Engineering Department, Bhubaneswar Campus

14	National Seminar on Plants for Sustainable Development and Clean Environment by Department of Botany, Bhubaneswar Campus
15	43 rd Annual Conference of Odisha Botanical Society by Department of Botany, Bhubaneswar Campus
16	National Conference on Recent Advances in Material(RAM): Green Future by Department of Chemistry and Physics, Bhubaneswar Campus
17	National Seminar on Indigenous Knowledge and Conservation of Threatened Medical Plants by School of Applied Sciences, Bhubaneswar Campus along with Ambika Prasad Research Foundation (APRF)
18	State Level Science Exhibition “Schienophile” by School of Applied Sciences, Bhubaneswar Campus
19	Animation workshop by School of Media and Communication, Bhubaneswar Campus
20	Film Making workshop by School of Media and Communication, Bhubaneswar Campus
21	VFX workshop by School of Media and Communication, Bhubaneswar Campus
22	4 th International Conference on Management, Sciences, Engineering & Applications (ICMSEA 2019) on 19 th to 21 st December 2019
23	English Express Boot Camp in association with Ekalavya Initiative on 4 th – 6 th January 2020
24	IELTS workshop series for Faculty, May – June 2019



7. Faculty & Staff Development Programmes

The Faculty and Staff are the most important resource of the University. As on November 2019 the faculty strength includes 190 in Paralakhemundi campus, 141 in Bhubaneswar campus, 26 in Rayagada campus and 38 in Bolangir campus. To improve the faculty resource in line with the needs of the internal and external environment, the University recruit's new faculty and staff and upgrades their competencies on a continuous basis. During the year Faculty Development Programmes were organised in-house for enhancing domain knowledge, teaching learning skill and competencies in engaging with community. The details are presented in Table 7.1. Faculty and Staff are sponsored to participate in programs outside the university, in areas that are not covered in-house.

Table 7.1: Details of In-house Faculty Development Programmes (2019-20)

Sl. No.	Topic
1	Dr. Prajna Pani & Prof. Subhendu Mishra facilitated FDP: Resource Person - Mr. Himanshu Bhatt Topic Name: Change Management towards Creativity & Excellence on 27 th Jan 2020
2	Faculty facilitated FDP: Dr. Prajna Pani Topic Name: Be a Contributor on 11 th Dec 2019
3	Faculty facilitated FDP: Mrs. Himabindu & Mr. Murali, Topic Name: Intellectual Property Rights on 23 rd Nov 2019
4	Faculty facilitated FDP: Dr. Pandu Ranga Vundavilli, Dr. P. Vamsi Krishna & Mr. Dinesh, Topic Name: Reverse Engineering in Product Manufacturing on 19 th to 23 rd Nov 2019
5	Faculty facilitated FDP: Prof. (Dr.) Are Holen, Topic Name: Group Dynamics on 16 th to 18 th Oct 2019
6	Faculty facilitated FDP: Mr. Raj Trivedi, Topic Name: Adobe Spark on 20 th to 24 th Sep 2019
7	Faculty facilitated FDP: Dr. Sudheer Kumar & Dr. VVSSS Chakravarthy, Topic Name: Bio-Inspired Computational Techniques & Tools for Engineering Applications on 29 th to 30 th Aug 2019
8	Faculty facilitated FDP: Prof. Supriya Pattanayak, Topic Name: Gender, Human Value & Ethics on 16 th to 20 th Aug 2019
9	Faculty facilitated FDP: Prof. S.S. Mohapatro, Topic Name: Soft Computing Techniques for design of Experiments on 12 th July 2019
10	Faculty facilitated FDP: Prof. J.N. Patnaik, Topic Name: Outcome Based Education on 6 th July 2019
11	Faculty facilitated FDP: Prof. P.C. Rao, Dr. E. Nandi & Dr. A.S. Rajput, Topic Name: Soli Health, its Management & Organic Agriculture on 19 th to 20 th June 2019

12	Faculty facilitated FDP: Prof. Sibakripa Bose, Topic Name: Review of Mentoring Process on 31 st May 2019
13	Faculty facilitated FDP: Dr. Monalisa Mishra, Dr. Hirak Chakraborty & Dr. Harekrushna Sahoo Topic Name: Gene Analysis Technique & Bio Molecular Dynamics on 28 th to 29 th May 2019
14	Faculty facilitated FDP: Prof. Sujit Mishra, Topic Name: Dassault System- Simulia on 27 th to 28 th May 2019
15	Faculty facilitated FDP: Dr. B.R. Shamanna, Topic Name: Public Health & Bio Statistics on 20 th May 2019
16	Faculty facilitated FDP: Dr. Susant Mohanta, Topic Name: Density Functional Theory on 13 th to 14 th May 2019
17	Faculty facilitated FDP: Dr. Prajna Pani & Prof. S. Abinash, Topic Name: Course Development in AWS Platform on 18 th to 19 th April 2019
18	Faculty facilitated FDP: Dr. Prajna Pani, Topic Name: Communication on 30 th March 2019
19	Faculty facilitated FDP: Dr. Smita Mishra Panda, Topic Name: Gender Sensitivity & Awareness on 1 st March 2019
20	Faculty Facilitated FDP: Dr. Bibhunandini Das, Topic Name: Ms-Excel on 25 th Jan 2019
21	Faculty Facilitated FDP: Prof. S.M. Biswal, Topic Name: Building culture of excellence in higher education institute on 4 th Feb 2019
22	Faculty Facilitated FDP: Dr. Bijaya Bhujabal, Topic Name: Communication on 6 th Feb 2019
23	Faculty Facilitated FDP: Dr. Supriya Pattanayak, Topic Name: Gender sensitization on 14 th Feb 2019
24	Faculty Facilitated FDP: Mr. Janmejaya Sasmal & Mr. Akhilesh Kumar, Topic Name: Advance excel on 23 rd Feb 2019
25	Faculty Facilitated FDP: Dr. Smita Mishra Panda, Topic Name: Research proposal writing on 23 rd Feb 2019
26	Faculty Facilitated FDP: Dr. Nrusinha Das, Topic Name: Enterprise resource planning on 27 th Feb 2019
27	Faculty Facilitated FDP: Major General R.C. Padhi & Prof. K.K. Barik, Topic Name: Overview of the geo spatial technology on 25 th to 27 th March 2019
28	Faculty Facilitated FDP: Major General R.C. Padhi, Topic Name: Inculcating Professionalism on 27 th May 2019
29	Faculty Facilitated FDP: Mr. Chiranjeeb Prasad Mohanty & Mr. Sourav Mohapatra, Topic Name: Autocad on 30 th May 2019
30	Faculty Facilitated FDP: Ms. Suchismita Nayak & Mr. Sanjay Harichandan, Topic Name: Adobe spark for SoVET on 12 th June 2019

31	Faculty Facilitated FDP: Mr. Sudhansu Mohan Nayak, Topic Name: Team Building and Leadership - Placement Dept. on 28 th June 2019
32	Faculty Facilitated FDP: Mr. Bijay Bhujabal, Topic Name: Micro – teaching on 13 th July 2019
33	Faculty Facilitated FDP: Prof. Chandrabhanu Pattanayak & Team, Topic Name: Workshop on filmmaking on 19 th to 23 rd Aug 2019
34	Faculty Facilitated FDP: Dr. Amiya Singh, Topic Name: Workshop on Adobe spark – SoVET on 27 th Aug 2019
35	Faculty Facilitated FDP: Major General R.C. Padhi, Topic Name: Inculcating professionalism on 28 th Aug 2019
36	Faculty Facilitated FDP: Media & entertain skill council session on animation - VFX - multimedia - game - file making on 18 th Sep 2019
37	Faculty Facilitated FDP: Dr. Bijay Bhujabal, Topic Name: Micro – teaching on 21 st Sep 2019
38	Faculty Facilitated FDP: Dr. Susanta Kumar Mishra, Dr. P.R. Padhi & Prof. Kamesh Chivakula, Topic Name: Financial analysis and planning on 28 th Sep 2019
39	Faculty Facilitated FDP: Dr. Siba Prasad Parida & Dr. Yashaswi Nayak, Topic Name: Microtomy Technique on 26 th to 28 th Sep 2019
40	Faculty Facilitated FDP: Prof. R.C. Mohanty, Topic Name: Scientific paper writing on 12 th Oct 2019
41	Faculty Facilitated FDP: Dr. Dipankar Bhattacharyay, Topic Name: How to write research project proposal on 26 th Oct 2019
42	Faculty Facilitated FDP: Dr. Dipankar Bhattacharyay, Topic Name: How to write a research project proposal on 9 th Nov 2019
43	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Machine Learning on 14 th Nov 2019
44	Faculty Facilitated FDP: Mr. Samuel Crotty, Topic Name: Achiving at university on 14 th Nov 2019
45	Faculty Facilitated FDP: Mr. Samuel Crotty, Topic Name: Empowering disengaged students on 15 th Nov 2019
46	Faculty Facilitated FDP: Mr. Samuel Crotty, Topic Name: Achiving at university on 16 th Nov 2019
47	Faculty Facilitated FDP: Er. Girija Sankar Senapati, Topic Name: DGPS, Civil Department on 15 th to 16 th Nov 2019
48	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Machine learning, study and applications of flann & Ida on 19 th Nov 2019
49	Faculty Facilitated FDP: Dr. Dipankar Bhattacharyay, Topic Name: How to write a good quality research paper on 22 nd Nov 2019

50	Faculty Facilitated FDP: Dr. Dipankar Bhattacharyay, Topic Name: Pedagogy on 23 rd Nov 2019
51	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Machine Learning - Study and Applications of FLANN & LDA, Reinforcement Learning on 28 th Nov 2019
52	Faculty Facilitated FDP: Dr. Dipankar Bhattacharyay, Topic Name: How to write a good quality research paper on 28 th Nov 2019
53	Faculty Facilitated FDP: Prof. B.K. Sahoo & Mr. S. Srinivas, Topic Name: IPR - Intellectual Property Rights, R&D and Innovation on 30 th Nov 2019
54	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Machine Learning - Antcolony Optimization on 4 th Dec 2019
55	Faculty Facilitated FDP: Mr. Suwendu Kumar Dash, Topic Name: Workshop on block chain on 5 th Dec 2019
56	Faculty Facilitated FDP: Prof. Nagesh & Mr. Patjoshi, Topic Name: Workshop on block chain on 7 th Dec 2019
57	Faculty Facilitated FDP: Dr. Nagesh Kolagani, Topic Name: Workshop on Block Chain on 6 th to 9 th Jan 2020
58	Faculty Facilitated FDP: Dr. Dipankar bhattacharyay, Topic Name:SDP on How to write a Proposal on 7 th Jan 2020
59	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name:Machine Learning - Cat Swarm Optimization Technique (CSO) on 7 th Jan 2020
60	Faculty Facilitated FDP: Dr. Bijay Bhujabal, Topic Name:Micro Teaching on 9 th to 10 th Jan 2020
61	Faculty Facilitated FDP: Dr. R.C. Mohanty, Topic Name: MATLAB for Machine Learning on 9 th Jan 2020
62	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Machine Learning - Multi Objective GA (NSGA2) on 11 th Jan 2020
63	Faculty Facilitated FDP: Dr. R.C. Mohanty, Topic Name: MATLAB for Machine Learning - Creating Vectors & Arrays on 14 th Jan 2020
64	Faculty Facilitated FDP: Dr. R.C. Mohanty, Topic Name: MATLAB for Machine Learning - Mathematical Operations with Arrays on 15 th Jan 2020
65	Faculty Facilitated FDP: Dr. R.C. Mohanty, Topic Name: MATLAB for Machine Learning - Programming using Script file on 16 th Jan 2020
66	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Machine Learning - Least Mean Square Algorithm (LMS) on 17 th Jan 2020
67	Faculty Facilitated FDP: Prof. Satyaban Jena, Topic Name: Mechanistic Organic Chemistry on 17 th to 18 th Jan 2020

68	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Machine Learning - Variants of LSM & RLS on 18 th Jan 2020
69	Faculty Facilitated FDP: Dr. R.C. Mohanty, Topic Name: MATLAB Programming Using Script File on 21 st Jan 2020
70	Faculty Facilitated FDP: Dr. Sarmistha Sahu & Dr. RP Sahu, Topic Name: Animated Spreadsheets to Enhance Learning on 23 rd Jan 2020
71	Faculty Facilitated FDP: Dr. R.C. Mohanty, Topic Name: MATLAB Graphics (2D plotting) on 23 rd & 24 th Jan 2020
72	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Machine Learning - Bacterial Foraging Algorithm on 25 th Jan 2020
73	Faculty Facilitated FDP: Mr. Himanshu Bhatt, Topic Name: Change Management towards Creativity & Excellence on 27 th Jan 2020
74	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Machine Learning - Differential Evolution Optimization (DEO) on 28 th Jan 2020
75	Faculty Facilitated FDP: Dr. Kalpana Sahoo, Topic Name: Positive Classroom Behavior and Classroom Management on 28 th Jan 2020
76	Faculty Facilitated FDP: Dr. Prafulla Ku Mohanty, Topic Name: Skill in Knowledge on 29 th Jan 2020
77	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Basic Machine Learning Strategy Applied to Research Problems on 31 st Jan 2020
78	Faculty Facilitated FDP: Dr. R.C. Mohanty, Topic Name: MATLAB for Machine Learning - Polynomials and curve fitting on 1 st Feb 2020
79	Faculty Facilitated FDP: Mr. Devraj Biswal, Topic Name: GMP and cGMP Considerations in Pharmaceutical Industry on 3 rd Feb 2020
80	Faculty Facilitated FDP: Dr. Sujata Chakravarthy, Topic Name: MATLAB for Machine Learning - Control Structure (Conditional Statements) on 5 th Feb 2020



8. Recognitions & Achievements

8. Recognitions

Ph.D. Awarded

- Manasee Rath in English, *“Exploring Correlations among Learners’ Attitude & Self-Efficacy for English Language Achievement”* under the guidance of Dr. Prajna Pani.
- Gitanjali Behera in Agriculture Engineering, *“Starch Gelatinization and Drying of Paddy using Microwave Heating”*
- Asish Ranjan Dash in Agriculture Engineering, *“Investigation of Cascaded Multilevel Inverter based SAF with Alternative Configurations under Ideal and Nonideal Grid Voltage Conditions”*
- Sudhansu bhusan Mohapatra in Mechanical Engineering, *“Non-edible Vegetable Oils as Sources of Renewable Energy for Diesel Engines”*
- Mohammed Siddique in Applied Sciences, *“Time Series Analysis and forecasting of Financial Stock Market using Hybrid machine learning based optimization models”*
- Atia Arozoo in Applied Sciences, *“Studies on removal of Nickel toxicity from Polluted soil of selected mining area of Odisha”*
- Mohammad Aamir Pasha in Media Communication, *“Journalism & Mass Communication”*

Session Chaired, Talk Delivered

- Session Chaired by Dr. Anita Patra in the 4th International Conference on Management, Sciences, Engineering & Applications (ICMSEA-2019): Centurion University of Technology & Management, 19th – 21st December 2019.
- Session Chaired by Dr. Prajna Pani in the 2019 WEI International Conference on Humanities & Social Sciences: Harvard Faculty Club, Boston, USA, 29th July - 2nd August 2019.
- Session Chaired by Dr. Umakanta Nayak in the 4th International Conference on Management, Sciences, Engineering & Applications (ICMSEA-2019): Centurion University of Technology & Management, 19th – 21st December 2019.
- Session chaired by Dr. Prajna Pani in the 4th International Conference on Management, Sciences, Engineering & Applications (ICMSEA-2019): Centurion University of Technology & Management, 19th – 21st December 2019.
- Invited as Speaker- Dr. Prajna Pani, on *“Draft National Education Policy 2019”* at SKCG, Gajapati, 7th January 2020.
- Invited as Resource Person- Dr. Prajna Pani, to conduct English Diagnostic Test at IIT Bhubaneswar, 24th July 2019.
- Paper Presentation by Dr. Prajna Pani in the 2019 WEI International Conference on Humanities & Social Sciences: Harvard Faculty Club, Boston, USA, 29th July - 2nd August 2019.

- Paper Presentation by Dr. Prajna Pani “*Attitude of Engineering Students’ towards English Language Achievement*” in the 4th International Conference on Management, Sciences, Engineering & Applications (ICMSEA-2019): Centurion University of Technology & Management, 19th – 21st December 2019.
- Paper Presentation by Dr. Prajna Pani “*The Emerging Paradigms: Heutagogy, Paragogy & Cybergogy*” in the 14th International Conference of ELTAI, Right to English, Amity Institute of English Studies & Research, Noida.
- Talk Delivered by Dr. Shivala Kumar “*Employment and Income Generation Through Agro-Processing*” in Centurion University of Technology & Management, 21st August 2019.
- Talk delivered by Dr. R.C. Mohanty “*FEM: An innovative way to solve Engineering problems*” in Government College of Engineering, Keonjhar, 25-26 Feb 2019.
- Session chaired by Dr. R.C. Mohanty in the 4th International Conference on Management, Sciences, Engineering & Applications (ICMSEA-2019): Centurion University of Technology & Management, 19th – 21st December 2019.
- Talk delivered by Mrs. Debashree Debadatta Behera, “*Given training session on "Platform skill and training Methodology" in ORMAS(SRO) Training Programme*” in Centurion University of Technology & Management, 19th – 24th July 2019.
- Invited as speaker- Dr. Tapan Dash “*Meet Graphene "the wonder material of the 21st Century and its applications"* in BRM College, 4th September 2019.
- Dr. Saubhagyalaxmi Behera “*Structural and Frequency dependent electrical properties of lead free Na₂Ba₂La₂W₂Ti₄Nb₄O₃₀ceramic in ICAM- 2019, MG University, Kottayam, Kerala, 9th – 11th August 2019.*
- Paper Presentation by Dr. Kakani Grihalakshmi “*Future of Farming- Why Achieving Sustainability remained Elusive?*” in the 4th International Conference on Management, Sciences, Engineering & Applications (ICMSEA-2019): Centurion University of Technology & Management, 19th – 21st December 2019.
- Session Chaired by Dr. Kakani Grihalakshmi in the 4th International Conference on Management, Sciences, Engineering & Applications (ICMSEA-2019): Centurion University of Technology & Management, 19th – 21st December 2019.



9. Collaborations & Networking

During the year the University signed MoUs with 10 institutions within the country and 2 institutions outside the country. The details are presented in Table 9.1. Our relationship with existing collaborators have been deepened and widened.

Table 9.1: Details of Collaboration

Sl. No.	Partner Institution	Scope
1	Dassault Systems' Foundations	Supporting within the framework of the project by providing a financial contribution
2	Centre for Community Development, Paralakhemundi	Support services that improves the livelihoods and lives of rural poor families
3	OSSC LTD, Bhubaneswar	Seed Producer/Co-Operative Firms for Production & Supply of Seeds to Bhubaneswar
4	Virginia Tech India Research and Education Forum (VTIREF)	For Certificate Program in Data Science & Artificial Intelligence Program
5	ICAR-IIHR, Bengaluru	For facilitating Students Training, Internship/Post Graduate & Ph.D. Research/Scientists Exposure & Involvement
6	Central Tuber Crops Research Institute (CTCRI), Thiruvananthapuram	For facilitating Students Training, Internship/Post Graduate & Ph.D. Research/Scientists Exposure & Involvement
7	Annan Chandra Hassan Trust	For set up of an effective skill centre, Developing learning modules under each stream, Provide training to the teachers and trainers to be recruited by the training partner
8	Frobenius Institute for Research in Cultural Anthropology - Goethe University Frankfurt	For Research in Cultural Anthropology and the Goethe University Frankfurt are developing collaborative relationship in relation to teaching and research.
9	Prime University, Dhaka, Bangladesh	For Student Development & Exchange Programme, Faculty Development Programme, Training, Setting up laboratories, Centre of Excellence, Go

		to market in 100 days, Running of academic courses, Research project work and identified product development
10	Bosch's India Foundation	For Industry-Academia Collaboratio
11	Vasudhaika Softwate pvt Ltd (Kalgudi Software)	For quality education using kalgudi softwre solutions platform
12	Centre For Sustainable Agriculture, Secunderabad	For Providing Quality learning opportunities for studetns, scientists and communities

10. Events

10.1 CSR Activities

The University organised a number of events in the areas of Culture, Sports & Socially Responsible activities.

Cultural Activities

- Utkal Diwas celebrated on 1st April 2019
- District Level Youth Parliament was organised in the month of August 2019
- 73rd Independence Day celebrated on 15th August 2019
- Raksha Bandhan celebrated on 15th August 2019
- Investiture Ceremony of Gender Champions conducted on 15th August 2019
- Ganesh Chaturthy celebrated on 2nd September 2019
- Teachers Day celebrated on 5th September 2019
- International Literacy Day celebrated on 8th September 2019
- World Engineers Day celebrated on 15th September 2019
- Viswa Karma Puja celebrated on 17th September 2019
- Gajajyoti 2019 organised on 2nd March 2019
- Gandhi Jayanti celebrated on 2nd October 2019
- Campus Khati program by Tarang Music Channel on 2nd August 2019
- 6th Chandrabhaga Poetry Festival 2020 celebrated on 2th January 2020
- Under 25 Summit organised on 18th January 2020



Sport Activities

- AIU East Zone Inter University Chess Championship – 2019 held at Centurion University, Paralakhemundi Campus from 29.10.2019 to 01.11.2019.
- CUTM Cup, Inter University Sports Championship organised on 21st January 2020
- National Sports Day celebrated on 29th August 2019
- Observation and celebration of International Yoga Day on 21st June 2019
- AIU East Zone Inter University Chess Championship – 2019
- Inter University Sports Championship organized in January 2020
- National Sports Day celebrated on 29th August 2019



Socially Responsible Activities

- International Women's Day Celebrated on 8th March 2019
- Legal Literacy Camp (#Balanceforbetter) was conducted on 8th March 2019
- Blood Donation Camp organised by Youth Red Cross on 30th March 2019
- Candle Peace March was initiated on 22nd April 2019 in tribute of series of eight devastating bomb blasts that ripped through high-end hotels and churches holding easter services in Colombo, Negombo, Dehiwala, Dematagoda and Baticaloa in Sri Lanka on Sunday during easter celebration
- One-month mass cleanliness drive on "Polythene/Plastic free campus" was conducted from 11th June to 10th August 2019
- Thousand Tree Plantation in the campus and adopted villages conducted on 30th, 31st July and 1st August 2019
- 73rd Independence Day and Raksha Bandhan celebrated by CSR team at Jagannath Niketan (Orphanage) on 15th August 2019
- 73rd Independence Day and Raksha Bandhan celebrated by CSR team at Vivekananda Ashram (Orphanage) on 15th August 2019
- Blood Donation Camp organised by Youth Red Cross on 19th September 2019
- Cleanliness Drive conducted in campus on the occasion of Gandhi Jayanti, 2nd October 2019



10.2 Distinguished Visitors

There were a number of distinguished persons who visited the University during the year, the same are presented in Table below.

Table 10.2: Distinguished visitors

Sl. No	Name of Visitors	From
1	Shri. Tankadhar Behera	ACF, Sundergarh Forest Division, Sundergarh
2	Dr. Arun Kumar Swain	Assitant Director, State Forensic Science Lab, Bhubaneswar
3	Prof B.C. Guru	Retired Professor, KIIT University, Bhubaneswar
4	Prof P.K Mohanty	Retired Professor, Utkal University, Bhubaneswar
5	Prof B. C. Guru	Retired Professor, KIIT University, Bhubaneswar
6	Dr Rajeswar Prasad	Scientist, Eastern Regional Center, MoEF, Bhubaneswar
7	Shri Tankadhar Behera	ACF, Sundergarh Forest Division, Sundergarh
8	Dr Arun Kumar Swain	Assistant Director, State Forensic Science Lab, Bhubaneswar
9	Dr. N.K .Dhal	Scientist, CSIR-IMMT, Bhubaneswar
10	Dr. AK Pathak	Additional PCO, Nandankanan, Bhubaneswar
11	Mr. H.S Upadhaya	Director, Nandankanan, Bhubaneswar
12	Dr Rajeswar Prasad	Scientist, Eastern Regional Center, MoEF, Bhubaneswar
13	Mr. Jayanta Dash	Deputy Director, Nandankanan, Bhubaneswar
14	Dr. Akshya Shaw	IPR Gandhi Nagar

15	Dr. Tapan Routray	NALCO, Bhubaneswar
16	P.R. Das	VSSUT, Sambalpur
17	Shashank Kumar	Sales Executive, DLAB Scientist Pvt. Ltd Bhubaneswar
18	Dr. Sanjeet Kumar	President, APFRF, Bhubaneswar
19	Manas Maharana	Business Executive, BIO Apps, Bhubaneswar
20	Prof. Satyaban Jena	Former Director R&D, Utkal University, Bhubaneswar
21	Dr. Dileep Vasudevan	Ph.D., Scientist ILS, Bhubaneswar
22	Dr. Sanjeet Kumar	President, APFRF, Bhubaneswar
23	Debasmita Mishra	Prof. University of Alaska Fairbanks. USA Bhubaneswar
24	Mr. Pranab K. Pani	Talenoleate Beyond Border (P) ltd, Bangalore
25	Dr. Jim Lee	Charles Darwin University, NT, Australia
26	Tanvir Anam	Head of BRAC Skill Development Programme, Bangladesh
27	Rajesh Kumar P	State Mission Manager, Kudumba shree, Kerala Kerala
28	NN Rao	CEO, SBI, Bhubaneswar
29	Anwar Ahmed	Managing Director, MS Group of Institution, Hyderabad
30	Syed Omer Javed,	IAS, Intermediate Education, Telangana
31	Janab. Hyder Vali. Janab. Zairuddin Ali Khan	Bangalore Hyderabad
32	V. Hanuman Naik	AP Skill mission, Andhra Pradesh
33	Dr. Chandrasekhar Rai	New Delhi
34	Raghavendra .H	MD, Kitaka Skill Development corporation., Karnataka
35	Rajendra Kumar Sahu	Principal, Vedbyash Residential College Berhampur
36	Bellana .Chandrasekhar,	MP, Vizayanagaram

37	Dr. B. Bhaskar Rao	KIMS Hospital, Hyderabad
38	Maj Gen Atanu Pattnaik, Brig. Rohit Bakshi, BOS Army	Additional DG, Infosys Army. Jagatshingpur
39	Dr. Shane Kavanagy	14 Hutton ST Thornbury, Australia
40	Sujoy B & Soumitra Unnikrishna	Australia
41	Shareth Sreja	Goora India Foundation
42	K. Dandapani Patro	Unitech degree college, Nayagarh
43	Dr. Satish Kumar	Gujrat Forensic Sciences University, Gujrat
44	Dr Sovan Pattanaik	School of Pharmaceutical Sciences, SOA University, Bhubaneswar
45	P. Mohapatra	Professor, Indira Gandhi Institute of Pharmaceutical Sciences, Bhubaneswar
46	Gagan Bihari Tripathy	Sr. Pharmacist, East Coast Railway Hospital, Khurdha Road, Jatni
47	Gouri Sankar Mohapatra	SUNPHARMA
48	Dr Prafulla Kumar Mohanty	Former Professor, Head & Dean, Faculty of Science, PG Department of Zoology, Utkal University, Vani Vihar, Bhubaneswar
49	Mr Devaraj Biswal	Asst. Manager, SM Laboratories Pvt. Ltd., Hyderabad
50	Mr Shane Kavanagh and Dr Justin Lawson	Deakin University, Australia
51	Dr. G. V. Ramanjaneyulu	Centrue for sustainable Agriculture, Hyderabad
52	Prof. K.J.N. Gowtham Shankar, Chairman, IDEA Dr. M. Venkaiaha and Dr. N.A.V. Prasad Reddy	Andhra University, Vishakhapatnam
53	Prof. R.N. Sahu	Principal Scientist, IARI, New Delhi
54	Dr. Nigamananda Swain	Watershed & Water Scientist, ICARDA, Afghanistan
55	Mr. Sachchit Vekaria	Project Manager, General Aeronautics Pvt Ltd, Bengaluru, India
56	Mr. V. Hanuma Naik, Mr. B. Nageswara Rao & Ms. Sathya Prabha	APSSDC, Vijayawada, Andhra Pradesh

57	Prof. S. Nanda	Director, Rangeilunda Fisheries College, OUAT
58	Mr P. Kalyan Chakravarthy	PD DRDA, Srikakulam
59	Dr. Anil Kumar Mahapatra	Scientist, Zoological Survey of India, Berhampur
60	Prof. K.N.Mahanta	Head, Fish Nutrition and Physiology, CIFA
61	Mr Challa Madhusudhan Reddy	Chairman, Andhra Pradesh State Skill Development Council Corporation
62	Ms Simone Heald and her husband, Mr Mark Heald	CEO, Sunraysia Community Health Services, Western Sydney University
63	Prof. Alok Mishra	Ex-Director -National Institute of Agriculture & Horticulture, New Delhi
64	Dr. Subrat Kumar Mohanty, Dr. Snehasis along with students	Sri Sri University, Cuttack
65	Dr Anona Armstrong	Australia
66	Dr Muralidhar	Ethiopia
67	Prof. N.K. Barik	Principal Scientist, CIFA
68	Dr. G.V. Ramanjaneyulu	Centrue for sustainable Agriculture, Hyderabad
69	Mr. Rajen Padhy	Commercial Director, B-ONE Business Pvt.Ltd.
70	Ms. shepang Thero Sethantsh	First Secretary (Political) Botswana High Commission
71	MD, APSSDC	Andhra Pradesh
72	Sr. Prof. Simon Ringer, Sydney University	Sydney University
73	Dr. S. K. Srivastav	Director, Women in Agriculture, ICAR, Regional Centre, Bhubaneswar
74	Dr. P. P. Adhikary,	Principal Scientist, IISWC, Regional Centre, Koraput
75	Shri S.Pal	AGM, NABARD, Gajapati
76	Dr. Govind Acharaya	Director – ICAR - Central Horticultural Experiment Station, Bhubaneswar
77	Dr. M Nedunchezhiyan	Director – ICAR - Central Tuber Crop Research Institute (CTCRI)

78	Mr. Sasank Sekhar Singh,	Director, Highbee Concepts
79	Mr. Biswamohan Mohanty	ED, ORISSA
80	Mr. Kirti Bhusan Pani	Pradhan, Bhubaneswar
81	Mr. Satya N. Mishra	Director, IMAGE, Bhubaneswar
82	Mr. Gautam Pradhan	Harsha Trust
83	Dr. J.K. Sunderay	Principal Scientist, CIFA, Bhubaneswar,
84	Additional DGP, Collector, SP and DFO of Gajapati	Gajapati, Paralakhemundi
85	Prof. J. P. Sahu	Professor (Rtd.), Rangeilunda Fisheries College, OUAT
86	Prof. Ekadashi Nandi	Retired Director, Seed Certification, Odisha
87	Mr. M. Kalicharan, Global Data Science Manager, & Mr. Samuel Wesly, Advisor	Talent Management & Development at Worley Parsons India Pvt. Ltd.
89	Shri Kamal Hassan	Film Actor
90	Dr. K.P.Krishnan	IAS, Secretary, Minister of Skill Development and Entrepreneurship, Govt. of India.
91	Shri. Pradeep Singh Kharola	IAS, Secretary, Civil Aviation, Govt. of India.
92	Mr. Shane Kavanagh and Dr. Justin Lawson	Deakin University, Australia
93	Ms. Simone Heald	CEO, Sunraysia Community Health Services, Western Sydney University
94	Dr. Anona Armstrong	
95	Sr. Prof. Simon Ringer	Sydney University
96	Dr. Jim Lee	Charles Darwin University, NT Australia
97	Shri Naveen Patnaik	Hon'ble Chief Minister of Odisha
98	Dr. G.V.Ramanjaneyulu	Centre for sustainable Agriculture, Hyderabad
99	Dr. Nigamananda Swain	Watershed & Water Scientist, ICARDA, Afghanistan
100	Dr. Arun Kumar Swain	Assistant Director, State Forensic Science Lab, Bhubaneswar

101	Mr. Sachchit Vekaria	Project Manager, General Aeronautics Pvt Ltd, Bengaluru, India
102	Dr. Rajeswar Prasad	Scientist, Ministry of Environment Forest, Bhubaneswar
103	Mr. Devaraj Biswal	Asst. Manager, SM Laboratories Pvt. Ltd., Hyderabad

10.3 Acknowledgements

The University is grateful to number of Institutions and Individuals for their generous support in pursuing its mission and vision. Some of the agencies who supported during the year are listed below.

- i. Government of India
- ii. Government of Australia
- iii. Government of Norway
- iv. other National Governments
- v. International and National Organizations
- vi. Government of Odisha
- vii. Other State Government and their Agencies
- viii. International, National and State Level Companies
- ix. Academic and Research Institutions
- x. Civil Society Organizations
- xi. Individual Donors and Well Wishers.

Mission

A globally accredited human resource centre of excellence catalysing "sustainable livelihoods" in the "less developed markets across the globe".

Vision

- Provision of quality, globally accredited academic programmes in technology and management.
- Provision of globally accredited employability training for less endowed segments of the population.
- Promotion of entrepreneurial culture and enterprise in the target areas.
- Facilitating improved market access to goods and financial services to the target population.
- Promotion of lighthouse project interventions in the target area.





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

CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT (Paralakhemundi Campus)

At - Village Alluri Nagar, P.O. – R. Sitapur, Via- Uppalada, Paralakhemundi, Dist. Gajapati – 761211, Odisha,
India. Phone: (06815) 222999, (06815) 223088, Fax: (06815) 222150

CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT (Bhubaneswar Campus)

At – Ramchandrapur, P.O. - Jatni, Bhubaneswar, Dist.: Khurda – 752050, Odisha, India Phone: (0674) 2492496,
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CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT (Corporate Office)

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Centurion University of Technology and Management,
Odisha

Annual Report 2018-19



Centurion
UNIVERSITY

Shaping Lives...
Empowering Communities...

**At: ALLURI NAGAR, Po: R. SITAPUR, PARALAKHEMUNDI, DIST. GAJAPATI
(ODISHA)**

Ph.06815-223088 Fax: 06815-222150, www.cutm.ac.in

Background:

Centurion University of Technology and Management started with the belief that higher education must lead to holistic development of people through meaningful employment and entrepreneurship. It owes its existence to inclusive, appropriate and relevant education and academic deliveries, which use the tripod of *hands on knowledge, practice oriented learning and experience linked pedagogy*. Gradually, the university has moved towards development of skilled graduates who are sought in the market, society and government.

Since the school education in the region was and still is of poor quality and there were large scale school dropouts, it became the first partner of National Skill Development Corporation (NSDC), Government of India, with a focus on Skills Development and Livelihood linked Education. To ensure that the graduates get gainful employment, the University started imparting skill integrated higher education in all its schools. The university is founded in the model of building skill in all levels of education. The DNA of Centurion University is to award competency linked Degrees by converging *teaching – training – production*.

To bridge the gap between industry and academia, CUTM works closely with industries in teaching, training, consulting and research. Some of the industry partners include Rural Electrification Corporation (REC), Power Grid Corporation of India Ltd (PGCIL), Odisha Power Transmission Corporation Ltd. (OPTCL), SELCO, Schneider Electric; Ashok Leyland, Volvo, Eicher, Hyundai, Yamaha, Bharat Earth Movers Ltd. (BEML); National Aluminum Co. Ltd. (NALCO), Vedanta, Jindal, Utkal Alumina, Steel Authority of India Ltd. (SAIL), Hindustan Petroleum Corporation Ltd. (HPCL); Godrej and Boyce; CISCO, Mindtree; OBC, Canara Bank, Allahabad Bank, Union Bank, Central Bank of India, Axis Bank, SIDBI; Café Coffee Day (CCD), Gap Foundation, Odisha Police Housing Corporation (OPHC), Australian Sports Commission, etc.

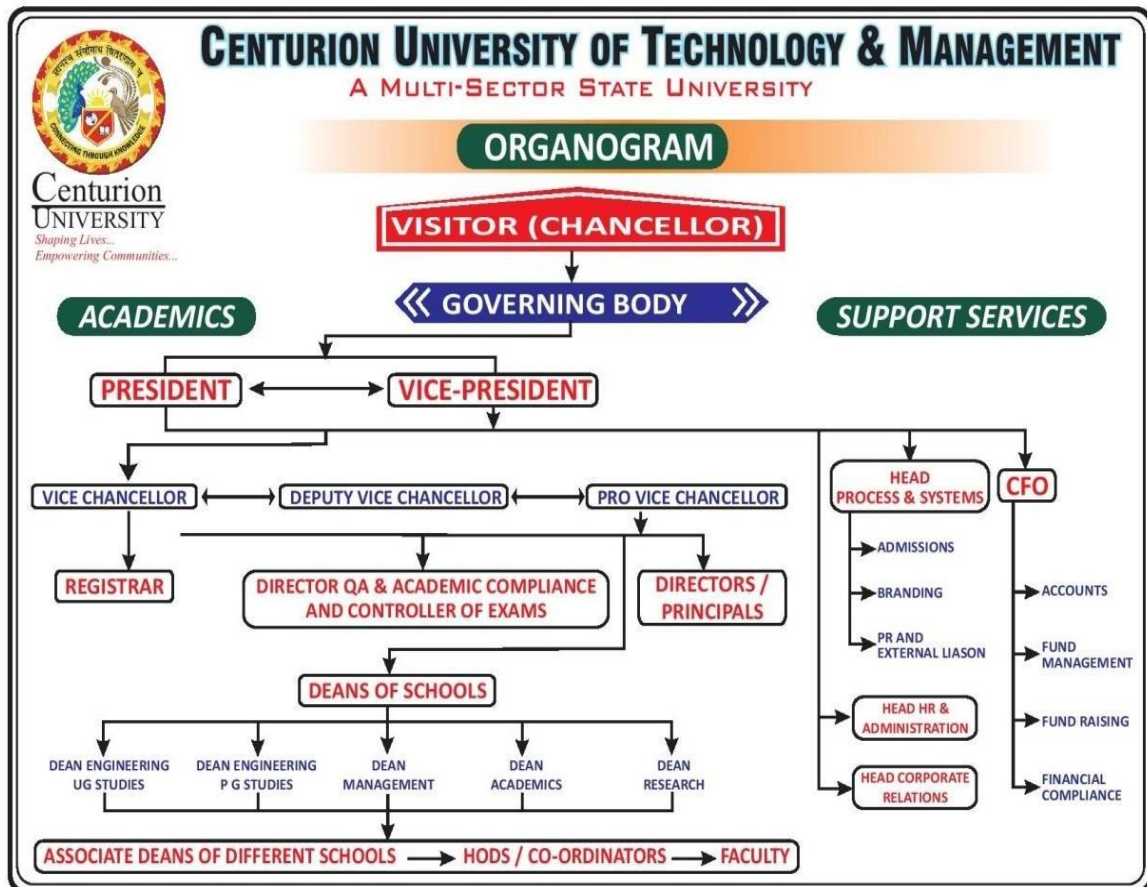
The University with its constituent campuses have area of 120 acres of land (Campus – I: 79.042 acres, Campus – II: 40.883 acres and rest at other locations) and 2.75 lakh square feet of built-up area. It has more than 6000 students in graduate and postgraduate programs and over 15000 students in vocational programs. It has residential facility for 80% students and 50% faculty and staff. The University has well equipped learning laboratories, workshops, library, sports and health facilities.

The University is organized in the form of Schools, such as M S Swaminathan School of Agriculture (MSSSOA), School of Applied Sciences (SOAS), School of Engineering and Technology (SOET), School of Management (SOM), School of Vocational Education & Training (SVET), School of Pharmacy and Life Sciences (SPLS), School of Paramedics & Allied Health Sciences (SOPAHS), Institute of Knowledge Society (IKS), and the Centurion University Centre for Renewable Energy and Environment (CUCREE).

CUTM believes in dynamic engagement with its stake holders and communities at large. To achieve this purpose, the University has incubated many social enterprises, social entrepreneurs, and outreach entities under the umbrella of Gram Tarang. Its incubated organizations work in the area of skills, financial inclusion, urban micro-business services, entrepreneurship, tribal development, food processing and agriculture. It includes Gram

Tarang Employability Training Services (GTETS), Gram Tarang Inclusive Development Services (GTIDS), and Gram Tarang Foods (GTF), Urban Micro-Business Center (UMBC), Last Mile Supply Company (LMSC) and Ratnakar Bank (RB). GTETS, GTIDS, GTF and LMSC are registered as for-profit private company under Company Act. UMBC and LMSC are registered as Section 8, not-for-profit Company. RB is registered as a Non-Banking Finance Company (NBFC). The reaches of these organisations span across India and they provide learning labs to the students and faculty of the University.

ORGANOGRAM



Highlights

1. Special Achievements:

- a. Centurion University of Technology and Management (CUTM), Odisha got the approval and recognition as an **Awarding Body** for the purpose of assessment and certification of all NSQF aligned training programmes including Recognition of prior learning (RPL) by the Government of India, Ministry of Skill Development and Entrepreneurship through Gazette notification dated 27th November 2018.
- b. Centurion University, Bhubaneswar Campus received award from His Excellency Tomasz Kozlowski (Ambassador of the European Union to India) on 25th September 2018 for contribution towards Clean E-Bhubaneswar Initiative.
- c. Centurion University, Paralakhemundi Campus received award Prakruti Bandhu from Govt. Of Odisha, Forest Department on 10th August 2018 for contribution towards Nature Conservation & Environment Safety.
- d. Centurion University has started a new campus at Chatrapur, Odisha. It is presently providing +2 Science and has plans to provide B.Sc. Courses from coming academic year.
- e. Indian Council of Social Science Research (ICSSR) has sanctioned Rs.6 Lakhs towards Building Programme”
- f. Centurion University of Technology and Management was ranked – 40 by Outlook Ranking 2018.
- g. The School of Agriculture, in association with the School of Engineering, is into Unity Game design. It has received a grant of Rs.38 Lakh from Dassault System for this purpose. It has developed applications in the areas of Vermicompost, integrated farming systems and protected Agriculture. The University has deployed the technology in ATAL project funded by NSDC, Government of India. Till date 16110 farmers have been trained from 25 districts of Odisha.
- h. Under Innovation Agriculture Project 1844 farmers are trained in Vermicomposting in 5 adopted villages.
- i. The Center for Assessment and Certification, which undertakes assessment of skill courses on Modular Employable Skill (MES) and Recognition of Prior Learning (RPL) in all states of India. It is recognised by the Ministry of Skill and Entrepreneurship Development (MOSED), Government of India, and state governments of Gujarat, Chhattisgarh, Maharashtra, Uttarakhand and Odisha. Till November 2018, the Centre has already assessed 1, 68,048 Skilled candidates.

- j. More than 200 students participated with their unique ideas during Start Up Yatra organized by the Government of Odisha. Ideas of 11 Students were selected for commercialisation at various Incubation Centers in Odisha. Presently, Gram Tarang has 19 incubatees registered under Start Up Odisha.
- k. 103 International students from Victoria – Australia, Deakin – Australia, University of Melbourne – Australia, ICD – France, NTNU – Norway, Coventry – UK, RMIT – Australia, TARC – Malaysia, Murdoch – Australia, TAFE – NSW have come to the University from time to time. They have done studies related to Law, Health practices, Education, Entrepreneurship etc.
- l. University has signed 32 MoUs Some of these include:
- MoU with Western Sydney University, Australia
 - MoU with Himalaya Drug Company.
 - MoU with Tessolve Semiconductor, Bangalore.
 - MoU with Festo India Pvt. Ltd., Bangalore
 - MoU with SELCO Foundation, Bangalore.
 - MoU with Center for Development of Advanced Computing, Pune
 - MoU with Canada-India Centre for Excellence, Carleton University
 - MoU with Biological E, Limited, Hyderabad.
- m. 73 Distinguished visitors have visited different campuses of Centurion University. Some of them include.
- Prof. Barney Glover, Vice Chancellor & President, Western Sydney University.
 - Prof. Deborah Sweeney, Deputy Vice Chancellor (Research), Western Sydney University.
 - Mr. Brajendra Bhujabal, Director, Engineering – Analytics and AI, Adobe System, INC, USA.
 - Mr. Rishi, Talent Acquisition of Hinduja Group.
 - Mr. Himanshu Sharma, Vice President-Operations-Polycab –Halol (Gujarat).
 - Mr.Mendu Srinivasulu, Vice President, eFresh Agribusiness Solution Pvt Ltd, Hyderabad.
 - Mr. B.KSwain –GM-HR Corporate,Patanjali Ayurved Ltd,Haridwar
 - Dr. S. K. Srivastav, Director, ICAR-Central Institute Women in Agriculture, Bhubaneswar.
 - Dr. J. K. Sunderray, Director, ICAR-Central Institute of Freshwater Aquaculture, Bhubaneswar.

- n. The Six Convocation of CUTM was presided over by **Prof. Ganeshi Lal, Honourable Governor of Odisha** on 1st December 2018. 14 Ph.D. Students, 59 M.Phil. Students, 37 M.Tech. Students, 72 MBA/MDM Students, 205 M.Sc. Students, 184 B.Sc. Students, 758 B.Tech. Students, 24 BBA Student, 231 B.Sc. (Agriculture) Students, 39 D. Pharam Students, and 270 Diploma Students have received the University Certificates. 25 Students of M.Phil, M.Sc., MBA, B.Tech, B.Sc. (Ag.), B.Sc., BBA & Diploma have received **Gold Medals**.
- o. Letter of Intent of MSSSoA, CUTM for Accreditation has been accepted by ICAR and SSR of MSSSOA, CUTM submitted and Inspection will be in March 2019.
- p. 41 Socially Responsible activities by NCC, NSS & Youth Red Cross, 13 Cultural Events, and 7 Intra College Sport Events were conducted during the year.
- q. National Institute of Open Schooling (NIOS), MHRD Govt. of India grant of accreditation for the period of three years as a study center of NIOS at Centurion ITI, Paralakhemundi Campus on 13th August 2018 from the academic session 2018-19 onwards for Secondary & Sr. Secondary (without Science) students.
- r. Centurion University of Technology and Management got renewal registration from Department of Science and Technology (DSIR), Govt. of India for availing Customs duties exemption on 28th August 2018.
- s. During the Campus Recruitment season of 2019, more than 100 top recruiters participated and more than 400 offers were released to Centurions. Many Centurions landed with more than one offers. Highest salary was Rs.10 lakhs per annum. The recruitment process is on and university hopes to achieve more placements during the year.
- t. 53 B.Sc. (Agriculture) 2014 Batch students are qualified JRF for PG courses in 2018 and joined in different Institutes and Universities, supported by ICAR.
- u. During the year 98 faculty members & 49 academic support staffs were recruited at Paralakhemundi, Bhubaneswar, Bolangir & Rayagada campuses of the University.
- v. During the year 4183 Students got admitted into all the UG/PG/Diploma/Ph.D. Programmes of the University.
- w. During the year 318 titles with 803 volumes of Library Books have been purchased.

2. Grants/Scholarship Received:

- a. Indo Global Society An amount of about Rs.1.9 Crore has been received from Prerana SC/ST, Medhabruti, E.Kalyan & National Scholarship.Total 862 Students of Paralakhemundi, Bhubaneswar & Rayagada campuses have got benefits.

b. An amount of about Rs.2.4 Crore was received by the University from different organisations.

These include.

- Dassault Systemes Foundation.
- Western Union International Bank
- Collectives for Integrated Live hood Initiatives (CInI)
- Kannapiram Mills Limited.

3. New Courses:

- University launched new courses, such as B.Tech. (Dairy Technology), B.Tech. (Aerospace), B.Tech. (Automobile), Masters by Research, M.Tech. in Renewable Energy, M.Sc. in Environmental Science, M.Phil. (Botany), M.Phil. in (Zoology), B.Sc. Hons. (Horticulture), M.Sc. Ag. In Soil Science, M.Sc. Ag. In Entomology, PG Diploma in VLSI Design in collaboration with Tessolve Semiconductors, Diploma in Community Health Practices in Collaboration with Swasthya Swaraj, Diploma in Vocational.
- B.Pharma course was started in Rayagada and Bolangir Campus.

4. Conferences and Seminars organised:

Webinar / Seminar

Sl. No	Title	Dates Delivered	No. of Training Days	Resource Person Name
1	Seminar on Estimation, Guidance and control of tactical input vehicles	01.06.2018	1	A. K. Sarkar

Workshop

Sl. No	Title	Dates Delivered	No. of Training Days	Resource Person Name
1	Workshop on Basics of MATLAB - Mathematics(Batch-1)	12.06.2018	1	Mr. Harish Chandra Mohanta
2	Workshop on Digital Technology & Industry 4.0	16.06.2018	1	Mr. Kaliprasad Rath and Dr. Goutam Kumar Mahato
3	Workshop on Application of GIS for Agriculture	14.07.2018	3	Vishal Kumar Singh, Ashish Kumar Modi and Kalpataru Das
4	Workshop on Secrets of Achieving Sustainable Agriculture	27.07.2018	1	Prof. Ranjan Kumar Mohapatra
5	Workshop on Community Watershed and its Impact on Future Agriculture	27.07.2018	1	Prof. SK Das, Chief, SABUJA BIPLAV

6	Workshop on SRI method of Rice cultivation	04.08.2018	1	Mr Ashutosh Pal, Scientist
7	Workshop on Agri-Entrepreneurship	16.08.2018	1	Dr. Sagar Maitra, Professor Agronomy
8	Workshop on Biofloc dynamics and essential principles of BFT based growout shrimp farming technology	28.08.2018	1	Dr. A. Panigrahi
9	Workshop on Copyrights and Patents (Batch-1)	13.09.2018	1	Dr. Chandra Sekhar Patro
10	Workshop on Copyrights and Patents (Batch-2)	20.09.2018	1	Dr. Chandra Sekhar Patro
11	Workshop on Design Thinking	23.09.2018	1	Dr. Siba Kripa Bose
12	Workshop on Matlab (pre-session competency test)	25.09.2018	1	Dr. Harish Chandra Mohanta
13	Workshop on Honeybees, the creatures with unimaginable intelligence and amazing behaviors	13.11.2018	1	Prof. C. R. Satapathy
14	Workshop on The use of Caralluma Fimbriata (a plant extract) to attenuate hunger in Prader-Willi Syndrome	21.12.2018	1	Professor Michael Mathai
15	Workshop on Internet of Things Arduino Board	15.01.2019	5	Mr Saswat Pradhan & Mr Subham Das
16	Workshop on Computational Thinking	26.01.2019	3	Prabhat Kumar Padhy
17	Workshop on Basic Tools and Techniques for Contemporary research	03.02.2019	1	Dr. Smita Mishra Panda
18	Workshop on Precision Agriculture	13.02.2019	1	Prof. Dilip Kumar Dora
19	Workshop on Research proposal writing	23.02.2019	1	Prof. Smita Mishra Panda
20	Seminar on Financial Literacy_ Reserve Bank of India	14.03.2019	1	Harihar Mishra
21	Workshop on IoT & Robotics	16.03.2019	2	Rajesh Kumar Mishra
22	Workshop on Internet of Things using Raspberry Pi	18.03.2019	6	Mr Saswat Pradhan & Mr Subham Das
23	Workshop on Dassault system-simulia	27.05.2019	2	Sujit Mishra

Faculty and Staff Development Programmes

Sl. No	Title	Dates Delivered	No. of Training Days	Resource Person Name
1	INSA sponsored short term course on “Analytical and Experimental Techniques in Thermal Engineering (AETTE-2018)”	4.6.2018	1	Chittaranjan Routray
2	Analytical and experimental techniques in thermal Engineering (AETTE 2018)	4.6.2018	5	Dr. R C Mohanty
3	Next Gen sequencing and its application	7.6.2018	5	Dr. Pushpalata Ganesh
4	Advances in Hybrid polymer composites engineering and application	11.6.2018	1	G Sridevi
5	Recent Advances on Passive and Active Components at High Frequencies	25.06.2018	1	Chinmaya Chidananda Behera
6	Informatics as a Potential tool for Solving Global Agricultural Problem	7.7.2018	5	Dr. Tanmoy Shankar
7	Cultivation of high value flowers in protected structures	9.7.2018	5	Dr. Sourav Barman
8	ORGANIC PESTICIDES	10.9.2018	5	Dr. Rahul Adhikary
9	National Seminar on Pharmacy and helathcare: Traditional knowledge to modern techniques	14.09.2018	1	Himansu Bhusan Samal
10	Refresher course on Biotechnology techniques in biodiversity conservation	11.09.2018	1	Arunabha Pal
11	REFRIGERATION AND AIR CONDITIONING in association with National Engineering	17.09.2018	1	Dr. R. C. Mohanty
12	Nuclear Magnetic resonance and its different applications (1H-NMR, multinuclear NMR, 2D NMR)	17.09.2018	6	Prof. Sudhansu Sekhar Nayak
13	Continuing education Program for Pharmacy Teachers	18.09.2018	3	Dr. Biswakant Kar
14	Animal Ethics and Handling	20.09.2018	1	Dr. Prasanta Kumar Choudhury
15	Continuing education Program	27.09.2018	3	Suman Kumar Mekap
16	Regulatory complaints and focussed academic research; need of the hour	29.09.2018	1	Himansu Bhusan Samal

17	Wokshop shop on NDT of welded joints at CUTM Paralakhemundi	03.10.2018	1	Dr. Rajashree Jena
18	SRIM Simulation and Defects in Materials	10.10.2018	5	Prof.(Dr) Sudhansu Sekhar Nayak
19	Group Dynamics Fostering Learning	25.10.2018	1	Dr. Amir Prasad Behera
20	IPA annual convention 2018	03.11.2018	2	Dr. Amulya Ratna Behera
21	Handling and application of automatic weather station (AWS) in agricultural research	12.11.2018	5	Dr. Atanu Deb
22	Seven-day skill development program on Concept of Electric Vehicle Design and Development	26.11.2018	7	Debendra Maharana
23	FDP Program and training on Electric Vehicle (EV) from Imperial Society of Innovative Engineers	26-11-2018	1	
24	RESSEN-2018	26-12-2018	1	Dr. Rajashree Jena
25	sciencophile THE SCIENCE EXHIBITED	18-01-2019	1	V.Khageswar
26	Mushroom Production	21-01-2019	5	Dr. Veronica Kadam
27	Application of nanomaterials for improving growth and productivity of maize	1.2.2019	5	Dr. Subhasisha Praharaj
28	Indian Council of Social Science Research (ICSSR) , sponsored Capacity Building Programme on “Experts in Team,” organized by Centurion University of Technology and Management , Odisha from 2nd to 13th February 2019	2.2.2019	1	Saubhagyalaxmi Behera
29	Basic Tools and Techniques for Contemporary research	03.02.2019	1	Mr.Gouri Kumar Sahu
30	Realtime PCR based analysis in health and agriculture	05.02.2019	5	Priyadarsini Mohapatra

** Only a few of the FDPs are mentioned here, this is not an exhaustive list.*

5. Faculty Achievements:

- a. Faculty members have
 - Attended 95 conferences / workshops.
 - 187 research articles in several National/International Journal have been published.
- b. Prof. Chandrabhanu Pattanayak was elected co-chair to draft the UN declaration on Linguistic Diversity, in China, which was tabled in the UN General Assembly and adopted ahead of 2019 being declared as the UN International Year of the Indigenous Language.
- c. Prof. Chandrabhanu Pattanayak was one among two Indians to be invited to present in the Annual Conclave of South Asian Research Initiative in Paris and gave a special lecture on Colonial Cinema at the Centre for South Asian Studies.
- d. Prof. Chandrabhanu Pattanayak was invited to be the plenary speaker and chair at the 10th International Roundtable of the Asian Research Centre for Religion and Social Communication on Religious Communication in a Multicultural Asia, St. John's University, Bangkok and at the Annual Conference of the Asian Media Information and Communication Centre, Manila.
- e. Prof. Chandrabhanu Pattanayak was awarded the *Best Media Educator's award* at the Media4Change Conclave of the Indian Institute of Mass Communication, Delhi.
- f. Mr. Siba Prasad Mohanty was the Chief Editor and Associate Director of the Film "Hello Arsi", an Odia film that got the National award in three categories.
- g. Dr. Supriya Pattanayak, Dr. Smita Mishra Panda and Dr. Rashmi Ranjan Parida on a faculty exchange to the Norwegian University of Science & Technology (NTNU) in August 2018 finalised the curriculum for collaborative Master's Program in Sustainable Entrepreneurship and Skill Integrated Education, under the Norwegian Research Council Project, UTFORSK.
- h. Mr. Abhi Mitra, Mr. Debasish and Mr. Sandeep Kumar received second prize from Hon'ble Chief Minister, Andhra Pradesh, in Hackathon on the topic "Reduce Inequality in Society" organised by APITA, Unity 3d and UNESCO at Visakhapatnam.
- i. Dr. Sabyasachi Mohanty, Department of Computer Science, Dr. Arun Manohar Gurram, Department of Mechanical and Dr. Umakant Nayak, Department of Management, were awarded Ph.D. Degree.
- j. Dr. Subhrraj Panda, Department of Physics was awarded Ph.D. degree from Ravenshaw University in January, 2019.
- k. Dr. Rashmi Ranjan Parida was awarded with Ph.D. degree at IIT Kharagpur in August 2018.
- l. Dr. Tanmoy Shankar, Dr. Piyalli Dutta, Dr. Arkendu Ghosh, Dr. Sashmita Das, Dr. A.Pushparani Devi, Dr. Priyanka Nandi, Dr. Rojeet Thagjam, Dr. Umalaxmi Thingujam, Dr. Veronica Kadam Department of MSSSoA were awarded Ph.D. Degree.
- m. Dr. Durga Prasad Padhy was awarded Ph.D. by Kalinga University, Chhatisgarh in the month of May, 2018

- n. Dr. M. Vijay Kumar, Dept. of Chemical Engineering was awarded Ph.D. degree from Andhra University in January, 2019.
- o. Prof. Sisir Ranjan Dash was awarded with Ph.D. in Management by Siksha 'O' Anusandhan.
- p. Dr. Atanu Deb presented paper and got the best scientist award in the International Conference on "Emerging Technologies, Systems and Applications (ICETSA-2018)" on 21st – 23rd April, 2018 at Jharkhand Rai University, Ranchi, India.
- q. Prof. Priyadarshani P. Mahapatra. 2018. Organized Vegetable packers training – 40 students in two phases from Punjab and West Bengal in June – 2018.
- r. Prof. Zaman delivered a talk as Chief Guest and Keynote Speaker in National Seminar on Judicious Use of Water and Fertilizer in Modern Agriculture, held at Naihati RBC College, West Bengal on 20 January, 2018, Organized by IFFCO.
- s. Prof Anita Patra has delivered a Key Note Address on "One Billion Raisings – stop violence against Women in District Level Convention organised by Institute for Women's Development in December 2018.
- t. Centurion University of Technology & Management, Paralakhemundi is selected as a participating Institute under Unnat Bharat Abhiyan, A Flagship Programme of MHRD.
- u. Prof. Koustava K. Panda Invited speaker (Topic: Carbohydrates – Biological Importance), Prof. Pushpalatha G. Invited speaker (Topic: Recombinant DNA Technology) and Prof. Ramana G. Invited speaker (Topic: Carbohydrates – Biological Importance) at SKCG College, Paralakhemundi, Orissa, 20 January, 2018.
- v. Prof. Prajna Pani was invited as a Resource Person by the Dept. of Economics Banaras Hindu University (BHU) to organise a 5 Day Workshop on Soft Skills and Corporate Readiness from 30th Oct. to 3rd Nov. 2018.
- w. Prof. Prajna Pani adjudicated the thesis titled 'Edu Technology Applied in Higher Secondary Language Classroom: Praxis of Theory and Practice, Bharathiar University, Tamil Nadu.
- x. Prof. Prafulla Kumar Panda Chaired a Session at "International Conference on Management, Sciences Engineering and Applications (ICMSEA) December 20th to 22nd 2018 at Visakhapatnam, Andhra Pradesh.
- y. Prof. Anita Patra adjudicated the thesis titled " The Impact of Training on Employee Commitment and Employee Turnover in Private Insurance Sector in Coimbatore District", Karpagam Universtiy Coimbatore, Tamil Nadu.
- z. Mrs. Sagarika Panda & Miss. Tapasi Parida, Two Faculty members have successfully completed the Suryamitra Training of Trainers program sponsored by CUTM (Solar PV installer Suryamitra , Solar PV installer Electrical, Solar PV installer Civil)
- aa. Dr. R.C. Mohanty was invited for a FDP on Finite Element Method and Analysis to GIFT Engineering College, Bhubaneswar on 27/12/2018.
- bb. Dr. Bibhunandini Das received a project of worth Rs 5.88 lakh from National Commission for

Women in the month of March 2018. The title of the study is “Political representation and Empowerment of Women Local Government representatives in Odisha”.

- cc. UN Assignment as Gender expert for project implementation with United Nation Industrial Development Program (UNIDP) by Prof. Smita Mishra Panda.
- dd. Dr. Anita Patra gave Key note address on the topic “A Study on Emotional Intelligence among Women Entrepreneurs” at 3rd International Conference on Mathematical Sciences in Engineering Applications ICMSEA 2018, on 20th Dec to 22nd Dec 2018.
- ee. Prof. Umakanta Nayak was invited as an External Examiner for Management Research Project to KL University, Vijayawada, from 28-29 December 2018.
- ff. Prof. Madhumita Das was invited by Doordarshan Bhubaneswar to co-ordinate the programe "Ama Sankruto o Ama Parampra". She had co-ordinated two episodes on "Ama Parampara re Dhanu Sankranti" and Ama Parampara re Bhasa Sahitya". Both the programs have been highly appreciated by the viewers.

6. Students' Achievements:

- a. Mr. Pradosh Kumar Parida - final year B.Sc. Agriculture Received BEST AWAAHAN Award for support and outstanding contribution to All India Association for Students in Agriculture (AIASA) on all India nomination basis from Agriculture Minister Shri Sachin Yadav at Jawaharlal Nehru Krishi Viswa Vidyalaya, Jabalpur, Madhya Pradesh in the recently held 4th National Youth Convention jointly organized by ICAR, AIASA and JNKVV with the support of NABARD, Government of India, Ministry of Agriculture. Date - 15th and 16th Feb 2019.
- b. Mr. Saswat Mishra, Civil Department, Bhubaneswar Campus student has got enrolment in NICMAR, Delhi in post-graduation Course.
- c. Two of our students Mr. Somayajula Rahul and Mr. Suman Sudhansu received first prize from the Hon'ble Chief Minister, Andhra Pradesh, for their innovative work on 3D printer and CNC plotter in JNANABHERI knowledge summit under innovation & technology segment held at Andhra University, Vishakhapatnam in August 2018.
- d. Mr. Habibullah Khan, B.Tech. 3rd year Mining Engineering Department Bhubaneswar Campus Qualified GT Exam conducted by DGMS.
- e. Ms. Monali Parida, Biotechnology Student Bhubaneswar Campus got Best Paper award, Winner of Youth connect program of Bhubaneswar Municipal Corporation.
- f. The following students have got prizes in debate competitions organised by DIPRO. Gajapati district on occasion of Vigilance awareness week. Mr. Asish Mishra, 3rd yr. B.Sc. Agriculture got 2nd Prize in English debate competition. Mr Subham Dash, 3rd yr. B.sc. Agriculture got 1st Prize in Odia debate competition and Mr. Bikash Agrawal, 2nd yr. B.sc. Agriculture got 2nd Prize in Odia debate
- g. 58 Students have participated in Swachh Bharat Summer Internship 2018 declared by MoHRD Govt. of India.
- h. Mr. Snehasish Padhi of 2nd Yr. ECE has been selected to participate in the National Youth Parliament Festival 2019 to be held at New Delhi.
- i. Students Start-up "Likhan Pens & Pencils" by two Diploma Engineering Students have served order of 200 Eco-friendly pens with customized branding to the Embassy of India, Berlin. The Start-up is make in semiautomatic machine to make the Pens and Pencils from waste paper.
- j. The first student initiative agricultural magazine SHYAMALA SUBARNA by Mr. D.Shuvam, released by Minister of Agriculture, Odisha.
- k. B.Sc. Agriculture RAWEP students conducted hundreds of farmer awareness programs in more than 60 Villages of Srikakulam, Gajapati districts and appeared more than 50 times in different news articles and video telecasts of media.
- l. AELP students of Mushroom, Vermicomposting and Bio fertilizer units have conducted method demonstrations to the small scale marginal farmers to encourage self- employment and carried

out different social service activities in adopted villages Patikota, Rasur, Barlanda, Parasurampuram etc.

7. New Constructions:

A. Paralakhemundi Campus:

An area of about 7169 sqft. has been constructed.

B. Bhubaneswar Campus:

An area of about 50000 sqft. has been constructed.

8. Financial Status of the year 2018-19 (Rupees in Laks.)

Total Revenue Receipt : Rs.12,570.00

(i) Salary component	: Rs.3,030.00
(ii) Principal & Interest	: Rs.1,921.54
(iii) Transport	: Rs.312.50
(iv) Others	: Rs.6,942.60

Total : Rs.12,206.64

Net Surplus : Rs.363.36

Administrative Setup

Prof. Mukti Kanta Mishra	President
Prof. D. N. Rao	Vice President
Prof. Haribandhu Panda	Vice Chancellor
Prof. Supriya Pattanayak	Deputy Vice Chancellor
Prof. Ardhendu Mouli Mohanty	Pro Vice Chancellor
Prof. Anurag	Pro Vice Chancellor
Prof. Anita Patra	Registrar
Ms. Jyoti Sayantani	Deputy Director of Examinations
Prof. B. P. Mishra	Dean – Technology Incubation and Entrepreneurship, Paralakhemundi Campus
Prof. Ashok Misra	Dean, School of Applied Sciences, Paralakhemundi Campus
Prof. Prasant Kumar Mohanty	Dean, Academic
Prof. K.V.D. Prakash	Dean, IIE & HRD, Bhubaneswar Campus
Prof. M. Devendra Reddy	Dean, Academics, MSSSoA
Prof. Satya Prasad Nanda	Dean Administration, MSSSoA
Prof. P. S. Rao	Dean, R&D, Paralakhemundi Campus
Prof. Chandrabhanu Patnaik	Director, Institute of Knowledge Societies
Prof. Rashmi Ranjan Parida	PGP Coordinator, School of Management, Paralakhemundi Campus
Prof. Jagannath Padhi	Director, Bhubaneswar Campus
Mr. Rajesh Kumar Padhi	Director, Rayagada Campus
Mr. Pradeep Kumar Sadangi	Director, Bolangir Campus
Prof. Susant Kumar Patnaik	Dean, Student Affairs, Paralakhemundi Campus
Prof. Mir Sadat Ali	Dean, School of Vocational Education and Training, Paralakhemundi Campus
Prof. S. K. Biswal	Dean, School of Applied Sciences, Bhubaneswar Campus
Prof. Subrata Sarangi	Dean, IQAC, Bhubaneswar Campus
Prof. Smita Mishra Panda	Director Research Bhubaneswar Campus
Prof. Rabi Narayan Routray	Dean, Sports, Bhubaneswar Campus
Prof. Govinda Rao Itaraju	Director Sports, Paralakhemundi Campus

1.

(i) **Teaching and Non – Teaching Staff (New Recruitment) during the Year 2018-19**

Branch	PKD Campus		JATNI Campus		Total Teaching	Total Non Teaching	Grand Total
	Teaching Staff	Non-Teaching Staff	Teaching Staff	Non-Teaching Staff			
CSE	3	-	2	-	5	-	5
EEE	2	-	-	-	2	-	2
Mechanical	2	-	1	-	3	-	3
Civil	1	1	2	-	3	1	4
Ag. Engg	8	-	-	-	8	-	8
MSSSoA	31	5	-	-	31	5	36
School of Management	-	-	6	-	6	-	6
SoVET	2	-	-	-	2	-	2
English	-	-	3	-	3	-	3
Mines	-	-	1	-	1	-	1
IKS	-	-	2	-	2	-	2
School of Paramedics	-	-	2	1	2	1	3
Training & Placement	-	2	-	-	-	2	2
HR & Admn.	-	-	-	3	-	3	3
Pro VC Office	-	1	-	-	-	1	1
Accounts	-	-	-	5	-	5	5
Hostel	-	1	-	-	-	1	1
SOAS	3	1	8	2	11	3	14
System/ERP	-	1	-	1	-	2	2
Admission	-	1	-	1	-	2	2
Maintenance	-	3	-	-	-	3	3
MRC	-	1	-	-	-	1	1
Project	-	1	-	-	-	1	1
Security	-	2	-	-	-	2	2
Transport	-	6	-	-	-	6	6
TOTAL	52	26	27	13	79	39	118

(ii) Teaching and Non-Teaching Staff (New Recruitment) during the Year 2018-19

Courses	Rayagada Campus		Bolangir Campus		Total Teaching	Total Non Teaching	Grand Total
	Teaching Staff	Non Teaching Staff	Teaching Staff	Non Teaching Staff			
Centurion ITC	2	1	1	1	3	2	5
B. Sc.	2	3	3	1	5	4	9
M.Sc.	-	-	3	1	3	1	4
BCA	-	-	2	1	2	1	3
B.Pharm	-	-	3	1	3	1	4
D.Pharm	-	-	2	1	2	1	3
Diploma	1	-	-	-	1	-	1
TOTAL	5	4	14	6	19	10	29

2.

(i) Student Admission during the Year 2018-19

Course	Branch	PKD Campus		Jatni Campus		Total
		Male	Female	Male	Female	
B.Tech.	CSE	34	25	87	17	163
	CSE-CTIS	-	-	15	4	19
	ECE	6	2	8	1	17
	EE	-	-	2	1	3
	EEE	3	0	9	1	13
	Mechanical	12	0	46	0	58
	Civil	5	1	15	0	21
	Dairy Technology	2	1	-	-	3
	MINING	-	-	11	1	12
	AEROSPACE	-	-	3	3	6
	AG Tech.	40	8	-	-	48
B.Sc. (Hons) Agriculture	Agriculture	154	123	-	-	277

B.Sc.(Hons) Horticulture	Agriculture	4	9	-	-	13
B.F.Sc. (Fishery)	Fishery	32	12	-	-	44
M.Sc. (Agriculture)	Agriculture	6	9	-	-	15
MBA/MDM		4	1	26	16	47
MEDIA	BA	-	-	5	2	7
	MA	-	-	0	3	3
PHARMACY	B.PHARM	-	-	51	9	60
	D.PHARM	-	-	45	15	60
M.PHIL	LIFE SCIENCE	-	-	20	24	44
AHS	DCHP	-	-	0	6	6
MBA (DA)		5	0	-	-	5
BBA		15	12	26	13	66
B.Com		-	-	41	14	55
M. Tech	EEE	-	-	2	0	2
	ECE	-	-	1	2	3
	CSE	-	-	5	1	6
	ME	-	-	12	1	13
	CIVIL-TE	-	-	5	5	10
	CIVIL-ST	-	-	8	9	17
M Sc.	PHY	2	3	29	27	61
	MB	-	-	2	15	17
	MLT	-	-	0	2	2
	BOTANY	-	-	17	58	75
	CHEM	2	6	33	56	97
	EVS	-	-	0	2	2
	ZOOLOGY	-	-	35	115	150
	FS	-	-	11	3	14
	IT	-	-	7	2	9

	MATH	-	-	12	10	22
B.Sc.	RIT	-	-	30	14	44
	IT	-	-	4	7	11
	BOTANY	-	-	0	6	6
	ZOO	-	-	7	16	23
	OPTO	5	5	24	25	59
	MB	-	-	5	13	18
	MLT	-	-	5	5	10
	MATH	-	-	2	0	2
	IT-CTIS	-	-	22	13	35
	PHY	9	4	11	3	27
	CHEM	8	4	5	6	23
	DIPLOMA	AUTO	-	-	11	0
IT		11	4	-	-	15
CIVIL		4	0	11	4	19
CSE		-	-	26	6	32
EE		33	0	23	3	59
MECHANICAL		28	0	44	0	72
MINING		-	-	52	0	52
Ph.D.	Management & Humanities	M		F		8
		4		4		
	Engineering & Sciences	30		21		51
SoVET	Regular I.T.I students	190	2	-	-	192
	Employment Mission	116	0	-	-	116
	DDU-GKY	348	138	-	-	486
	PMKVY	320	30	-	-	350
	Total	1432	399	871	584	3286

(ii) Student Admission during the Year 2018-19

Course	Branch	Rayagada		Bolangir		Total
		Male	Female	Male	Female	
B.Sc.	B.Sc.	29	19	44	51	143
M.Sc.	M.Sc.	-	-	18	31	49
BCA	BCA	-	-	16	5	21
SoVET	Regular I.T.I students	26	3	40	12	81
	FITTER (DDUGKY)	50	0	-	-	50
	SMO (DDUGKY & OSEM)	39	438	-	-	477
	Diploma	66	10	-	-	76
	TOTAL		210	470	118	99

3.

(i) Important Research Work and Person/Team Working

Paralakhemundi Campus		
Sl no	Faculty	Research Work
Mechanical Engineering		
1	Prof.Rabindra sah, Prof.Raghuveer, Mr.Khannu behera	Electric vehicle
2	Prof.Rabindra sah , Mr.Surya	Gyro plane
3	Mr.Suman Kumar, Mr.Rahul, Dr.P.S.Rao	3D Printing with materials of low melting point
4	Dr.P.S.Rao	Vegetable Oils as a EDM fluid
5	Prof.Amrit Mallick, Prof.Suman, Dr.P.S.Rao	Friction stir processing
6	Prof.Rabindra sah and team	Digital twin of food processing unit

7	Prof.Santosh patro , Dr.P.S.Rao	Performance enhancement in EDM through fuzzy neuro techniques
8	Prof.Sujit Mishra, Dr.Ashok Mishra, Dr.D.Nageswara rao	Fluid flow analysis for improving performance of sedan vehicle
Civil Engineering		
1	Prof.Prafulla Kumar Panda and Dr.M.L.Narasimham	River dynamics and flood risk evaluation for river kosi
2	Madusimita Ghadi,Prof.Prafulla Kumar Panda and Dr.M.L.Narasimham	Water quality modelling for Brahamini river
3	Prof.Prafulla Kumar Panda and Dr.M.L.Narasimham	River dynamics and flood risk evaluation for river kosi
Computer Science Engineering		
1	K. Santoshachandra Rao	Medical Image Processing using Deep Learning
2	Priyanka Agrawal	Lung Segmentation and Nodule Detection
3	Avinash Seekoli	Software metrics Fault Tolerance
4	Shweta Patnaik	Social Media Data Analytics using Visualization
School of Management		
1	Dr.Prajna Pani	Guiding 3 research scholars
2	Dr.Anita Patra	Guiding 5 research scholars
3	Prof. Kalee Prasanna Pattanayak	Pursuising Ph.D
4	Prof.S.Kameswar Rao	PursuisingPh.D

5	Dr. Rashmi Ranjan Parida	Consumer Behaviour in Rural market
Ag. Engineering		
1	Dr. B. P Mishra	Re- Engineering of STP and commercial testing
		Farmer's health survey in collaboration with Deakan University, Australia
		Design Verification of spray dryer
		Design of IOT based honeybee feed management system

**M S Swaminathan School of Agriculture,
Paralakhemundi Campus**

(ii) Important Research Work and Person/Team Working

Paralakhemundi Campus(MSSSoA)

Sl no	Faculty	Research Work
1	Mr.Dinkar Gaikwad	Hydroponics model and hydroponics fodder
2	Mr.Abhilash sahu, Ms.Niraja Patra and team of Genetics & Plant breeding dept.	Gemplasm of rice, okra, lathyrus, chickpea, sorghum
3	Dr.Tanmoy Shankar and team, Dept.of Agronomy	Crop Museum
4	Mr.Kartik Pramanik & Mr.Chinmay Jena Department of Horticulture	Establishment of Horticultural nursery & renovation of Herbal garden
5	Ms.Deepthi, Ms.Priyanka Nandi, Ms.M.Roja	APSSDC - Skills training at CUTM, Vizag Campus &Pathapatnam completed on 30 th April.
6	Dr.Priyadarsini P Mahapatra, Dr.Sasmita Das and team	Two phases of Vegetable packers training has been successfully conducted by dept.of Horticulture. 40 students from Punjab, west

		Bengal and other places participated
7	Dr.Sagar Maitra	Establishment of Protected cultivation lab, Off-season spinach produced under protected cultivation
8	Mr.Deepayan Padhy and team, Dept.of Entomology	Apiary Unit
9	Dr. Raghu Gogada, HoD,Department of Biotechnology & Crop Physiology	Establishment of Biovia Lab Laboratory

(iii) Important Research Work and Person/Team Working

Jatni Campus		
Sl no	Faculty	Research Work
Electronics and Communication Engineering		
1	Deepak Kumar Barik	Frequency reusable antenna Design for wireless Application
2	Harish Chandra Mohanta	Meta surface rectenna design for wireless energy harvesting
3	Ritisnigdha Das	Low power ADC for biomedical application
4	Sibashis Pradhan	Spreading Code generation for wireless communication
5	Debaraj Rana	Biomedical Image Enhancement and Segmentation, Image Enhancement using artificial bee colony algorithm (ABC) Algorithm
6	Rupanita Das	Gesture controlled robot
7	Subrat Kumar Pradhan Swarna Prabha Jena	Real Time Poly-House Automation using IOT.
Civil Engineering		
1	Dr.M.K.Rath	Research on Fire resistant structures.

		Working on water quality in laterite bed ponds around CUTM and Coastal Lagoons along east coast of India
2	Dr.Siba Prasad Mishra	
3	Mrs Sagarika Panda	Geopolymer Concrete, Detection of corrosion under insulation.
4	Mrs.SipalinNayak	High Strength Concrete using different additives. Waste utilization in Construction industry.
5	Mr.DurgaChqaranSahoo	Producing new concrete from construction demolition waste.
6	Ms.TapasiParida	Smart City planning for Urban flooding
7	Mr.Rakesh Jena	Preparing Tribal Map.
8	Ms.Sweta Das	Stabilization of soil using Bio Enzymes
9	Ms.Minati Mohanty	Alternative Pavement Materials
10	Dr.Kamal Kumar Barik	Salt water intrusion and its effect in agriculture Coastal Vulnerability
11	Prof. K.C.Sethi	Solid Waste Management To establish shortest route in jatni municipality using GIS.
12	Prof. PrasantPanigrahi	Endemism , Ethno Botany, and Invasive allied species of Odisha-a Bio-Geo-DiversityStudy
School of Management		
1	Prof. Bibhunandini Das	Detailed Livelihood plan of the families for second phase work at Odisha
2	Prof. Umakanta Nayak, and Prof. Shiv Sankar Das	Development of strategic plan for the organization
3	Prof. Umakanta Nayak Prof. Bibhunandini Das	Impact Analysis Study of Project Saksham- Holistic education for children with disabilities in urban poor areas of Bhubaneswar, in the state of Odisha
4	Prof. Umakanta Nayak	Strategic plan formulation of (Organization for Development Integration and Social Action (ODISA) Berhampur, ODISA 2018-23

	Prof. Umakanta Nayak Prof. Bibhunandini Das	Evaluation Report of Structural Poverty Alleviation and Building up of Local Civil Bodies
5	Prof. Pramod Kumar Patjoshi	in Ganjam and Gajapati Districts
6	Prof. Pramod Kumar Patjoshi	Evaluation Report of Empowerment of Rural Women for Micro Entrepreneurship and Active Participation in the Village Administration in Gajapati and Rayagada
Electrical Engineering		
1	Debasis Sahu	Humanoid
2	Gautam Modak	Pick & Place
Biotechnology		
		seminar, BMC Project
2	Bishwambhar Misra	Paper Publication, Seminar
Computer Science Engineering		
1	Debasish Das	Comparing two clustering technique (K- means and Map-Reduce)
2	Manoj kumar Behera	Data classification and mining
3	Shivani Nanda	Precision-based Localization of a Miner in Mining Conditions Published a Journal in Taylor and Francis in the same topic
4	Mamata Garanayak	Recommender System based on Collaborative Filtering and K-means Submitted to the KES international journal

**4. i. Distinguished visitors along with Purpose of visit and date
Jatni Campus**

School of Engineering and Technology				
Sl. No	Date of Visit	Name of Visitors	From	Purpose
1	16 th March 2018	Mr. Pavan Reddy	ACE Engineering Academy	Career talk
2	6 th Dec 2018	Mr. Purna Mohanty	Tessolve	Seminar
3	17 th Jan 2018	Er. SuryakantHota	CONVOCON	New Trends in Civil Engineering construction
4	24 th July 2018	ErAmitavMitra	Dalmia	Advances in construction material
5	18 th June 2018	DhanadakantaMishra	Visiting Research scholar from Dpt. of Civil and environmental engg. Honkong University of Science and Technology	Talk on Low Clinker Concrete
6	11 th August 2018	Mr. Ashok Menon	Head HR. Sadhvab Group	To Visit Centurion University
7	14 th Dec	Mr.KanwarSamshe r, Head Jaquar Foundation and Mr.Ajay Mahajan , Head Customer care	Jaquar Foundation	To set plumbing training centre in our campus to train water skill expert.
8	28/12/2018	Dr.JagannathNaya k	Director of CHESS Laboratory , DRDO, Hyderabad	Seminar on Optical Engineering – An evolution from Science to Technology to Product
School of Mnagement				
9	9 January 2018.	Mr. Amitabh Mohanty,	Business Manager Force Motors Ltd.	A worksho p was conduct ed for the students

				on the topic “Career opportunities in Automobiles Industry”
10	10 th January 2018	Mr. Shilabhadra P.Parida,	Management and Technical Consultant from Ireland	Workshop on Consulting Engagements in the present scenario.
11	16 Feb 2018	Dr. Amarendra Das,	Professor-Economics from NISER,	Was invited, as the resource person to give the talk on Union Budget
12	5 Feb 2018	Mr. Monoranjan Panda	Consultant from Moyilal Oswal Securities Limited	To conduct the workshop was conducted
13	7 Feb 2018	Mr. P. K. Parmanik,	Director, Fasttrack Consultancy	A workshop was conducted for the students, on the topic different job opportunities at present scenario
14	5 March 2018	Mr. Krishna Baliarsingh	Area Manager, Vistaar Financial	A workshop was conducted for

			Services Pvt. Ltd.,	the students on the topic Career opportunities in Micro Finance
15	8 March 2018	Mr. Anjani Kumar Mishra	HR Manager from Shahi Exports-Skill Development	A workshop was conducted for the students on the topic Career opportunities in the Skill Development Sector
16	13 March 2018	Mr. Ali Kishore Patnaik and Mr. Abhijit Patnaik,	Founder of Odisha Diesel. Executive Director-Sales and Marketing from Odisha Diesel Engines	Workshop was conducted for the students of School of Management, Bhubaneswar Campus, on the topic Career opportunities in Automobiles industries
17	20-22 March 2018.	Mr. C R Subramanya,	Consultant from sansRisk Business Solutions P Ltd,	A workshop was conducted for the

			Hyderabad	students in the Capstone Business Simulation Game
18	11 July 2017	Mr. Rishi	Talent Acquisition of Hinduja Group.	To conduct workshop for an initiative to go for earn while you learn process.
19	1 September 2017.	Prof. Vishwa Ballabh and Prof. Madhukar Shukla	XLRI,	To conduct the workshop for young entrepreneurs, social enterprises, entrepreneurs from SC/ST category, people with disabilities and grass root enterprises (collective enterprises, e.g. cooperatives,

				FPO's, Federations of SHG's)
20	16 Sep 2017	Mr. Narasingha Panigrahi	Director, SGR Pvt. Ltd.	To conduct the Awareness program on Waste Management
21	16 Sep 2017.	Mr. Bipin Bihari Dutta,	Capital Market	Seminar was conducted on Dimensions of Capital Market
22	16 Sep 2017	Mr. Abhinav Madan,	Managing Director of Gram Tarang	Workshop was conducted on Financial Statement Analysis
23	16 Sep 2017	Dr. Sudhir Mukund Galande Mr. Bidyut Kumar De,	Deputy Chief Executive Officer Joint Director (Faculty) of Indian Institute of Banking and Finance (IIBF), Mumbai.	A seminar was organized on Enhancing Employability in Banking and Financial Sector
24	21 Sep 2017,	Ms. Mrinalini Khusape,	Head Projects (Sales and After Sales), Skoda Auto India Pvt. Ltd.	To conduct a Corporate Interacti

				on
25	9 Oct 2018	Mr. Jagdish Patnaik	VP, Cluster Head of Axis Bank	To conduct the Seminar on Job Opportunities in Banking Sector
26	10 Oct, 2018	Mr. Satish S. Prabhu	Corporate Leadership Trainer	To conduct the seminar to do personal finance management and how to approach customer to avail different financial schemes
27	3rd Nov. 2018	Mrs. A. Annapurna	HR-Director of Inspirage	To conduct a seminar how and she inspired us about never quitting in your life, learn hands on skills and highlighted the points that why we should not expect for any applaud

				s or credits from the organization and just focus and continue our good work for the organization
28	21 Nov 2018.	by Mr. Rajat Kujjur	Profesor, Sambalpur University	A seminar was held about on the on-going problem on left wing extremism in Odisha and discussed about the strategies and policies needs
				to be initiated to curb the menace
29	15 Nov 2018	Mr. Anirban Ghosh,	Chief Sustainability Officer, Mahindra Group	To conduct the seminar on Electric Vehicle “EV: The Future of Mobility”
30	21 Dec 2018.	Mr. Brajendra Bhujabal	Director, Engineering – Analytics and AI, Adobe System, INC, USA	To conduct the seminar on career opportunity on Data Analytics and Artificial Intelligence
31	4 Jan. 2019	Ms Smita Chakrabarty	ICIC Securities	To conduct the Seminar on StockMind
		Mr. Thomas	CEO, Odisha Capital Market	To conduct a Seminar on

32	18 Jan. 2019	Matthew	Enterprises Ltd.	Virtual stock Market Game
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Paralakhemundi Campus

(ii) Distinguished visitors along with Purpose of visit and date

School of Engineering and Technology				
S l . N o	Dat e of Vi sit	Name of Visitors	From	Purpose
01	21.01 .2019	Sanjit Kumar Behara		A talk on Solid waste management
02	22.11. 2018	Dr. Md. Khalid khan		A talk on Agricultural Engineering- Vision 2020
3	10th July 2018	Prof. Bhupesh Deka, KLU, Guntur		Talk on recent technology trends and expectations in IT industry, "Blockchain Techn ology" and highlight on "Hyperledger" the open s business
4	3rd Augus t 2018	Mr. Munirathnam, from Aerospace- Automotive		Interaction Program with students on Key Factors involving in Industry
5	1st Septe mber 2018	Mr. Rabindra Sah, from D assault Systemes		Talk on the 3 To-Market Concept
6	SEP 2018	Dr.K.Venkata Subbayya	Chairman- BOS, Andhra University, Visakhapatn am	Guest Lecture
7	3 rd Aug 2018	Er.Muniratna m	Charmain of Aerospace board of SAE	Guest Lecture
8	June 2108	Er.Rabindra sah	Tata technologies	Guest Lecture
School of Management				
1	21.02. 2018	Mr. Sumit Swarnanaya, IIT, Varanasi Alumnus		Delivered Talk And had Enriching interaction with the Mana

		And Founder Agri		gement Students.They were happy
		Mach India Along With Mr. Kishor Kumar, Managing Partner of Agrimach India		toiInteract, especially with MBA-ABM Students And Counseled Students in small group about umpteen Career Opportunities that exists in the field of Agribusiness.
2	27.02.2018	Mr. Dibyendu Basu, Chief Manager, HRD, JK Paper		A Talk and had A Career Counseling Session with our MBA(ABM), MBA (DM) and BBA Students.
3	05.03.2018	District Industry Centre (Dic), Gajapati Mr. Satya Narayana Panda, Dy. Manager of Sbi, Mr.Prabat Patro,Asst.Director(Horticulture Dept.), Mr. M.K. Mahapatro, Amie (DIC)		Organized A Seminar Titled "Entrepreneurship Development – Entrepreneurial Opportunities
4	02.02.2018	Mr. J. Panda, Manager, Axis Bank and S. Vidyadhar Rao, Manager, Andhra Bank		Hisab nikash 2K18, the flagship budget analysis event discussed different aspects of the general budget 18-19 and its implications.
5	24.08.2018	Mr. Dilip Tripathy, head, DCB Bank, Corporate office Mumbai		Seminar on Agricultural Finance

6	22.11.2018	Mr. Debraj Behera from World Bank		Educated students on various development and agribusiness career c
7	03.01.2018	Mr. Birajprasad Singh, Project Executive, Dhan foundation		Placement drive
8		B. Shivarudrapa, Programme Director, BAIF		Placement drive
9	14.03.2018	Ms. Sandhya, Director, Sana ra organics		Placement drive
10	23.03.2018	K. V. Ravi Kanth, CEO, Jain Irrigation Ltd		Placement drive
11	24.04.2018	Mr. Himanshu Sharma, Vice President- Operations- Polycab – Halol (Gujarat)		A Talk and Educated students on various development.
12	10.05.2018	Mr. Mendu Srinivasulu, Vice President, eFresh Agribusiness Solution Pvt Ltd, Hyd		visiting our University
13	18.07.2018	Mr. P. S. Rao And Mr. Dharmesh Kumar, Welspun Corp Ltd		Placement Drive
14	03.08.2018	Mr. Manas Manogaram, Zoho Corporation		Cliqtrix Contest training
15	18.08.2018	B. K Swain – GM-HR Corporate, Pata njali Ayurved Ltd, Haridwar		Visiting our University .A Talk and Educated students on various development.

16	31.10.2018	Mr. M. Gopi Krishna, HR Business Partner - India, Advanta Seeds (A UPL Group Company).		Visiting University
17	09.11.2018	Mr.I.V.S Ranganath .HR Head , Shriram bIoseeds Genetics & Research India,HYD		Placement drive

(iii) Distinguished visitors along with Purpose of visit and date

Paralakhemundi Campus School of Agriculture				
S l . N o	Da te of V is it	Name of Visitors	From	Purpose
1		Sri SriHari, Vice president	eFresh Agribusiness Solutions Pvt Ltd	Placement and MoU
2	July 2018	Dr.Babu and Dr.Kanan	Himalaya Drugs Bangalore	MoU and project discussion
3	March 2018	Dr.S.K.Srivastava, Director, ICAR-CIWA		Chief guest – Kissan Mela - 2018
4	24-25 July 2018	Dr.J.K.Sunderray, Director, ICAR-CIFA		Sensor based water quality monitoring, drone based pond surveillance, development of solar based demand feeder, crude pituitary gland extract, low cost smart aerator
5	27 th to 31 st July	Prof.Pradeep Sahoo, Prof.Basant Mohanty, Prof.S.K.Das, Prof.Lona Nayak,		To address the Orientation programme of B.Sc.Ag students

		Prof.Ranjan		
		Mahapatra, Prof.L.D.Swain , Prof.Brahmana nd		
6		Dr.Sunil Nanda, Fishery expert from Haryana		Addressing faculty and given suggestion for fishery ponds
7	Sep 2018	Dr.Tapas Roul		Livestock classes for students
8	18 th aug 2018	Patanjali ayurved ltd. -Mr B.K Swain, GM Corporate Group HR Head		Visit for placement purpose
9	31st Octob er' 2018	Mr M.Gopi Krishna, HR Business Partner - India, Advanta Seeds (A UPL Group Company)		Placement
10	Dec 2018, Feb 2019	Dr.DilipKumar Dora		Visiting faculty
11	Jan 2019	Sri Ekadasi Nandi		Organic and biofertilize r certification
12	Dec 2018, Feb 2019	Dr.Ashok Kumar Padhy		Visiting faculty
13	4 th Augu st 2019	Mr.Asutosh Pal,	scientist , Tata steel	Talk on SRI method of Rice cultivation
14	5th to 9th Augu st 2018	Deakin Student's Mobility Team	Deakin University	Agriunits

15	Feb 2019	Mr.Alok Mishra	Former Director, National institute of Agriculture and Horticulture	Project consulting and
16	7 th august 2		Dr Veerabhadrra , retired scientist from N.G.Ranga University, AP	Agrifora

5.

- (i) **Academic achievements / accomplishments of Faculty members.(as a Keynote speaker, chaired the conference, board member of Govt./ bodies, research project coordinators etc...)**

Paralakhemundi Campus		
S L N O	Department	Achievement
1	Civil Engineering	Prof. Prof.Prafulla Kumar Panda 1. chaired a session at International Conference on Management, Sciences, Engineering and Applications (ICMSEA) at BITS,Vizag December 20th to 22nd 2018 2. Became an Editorial Board Member: Science Research Association (SCIREA) of Geosciences 3. Became an Editorial Board Member: International Journal of Emerging Technology and Advanced Engineering, India

		4. Became an Editorial board Member of AR Research Publication and Conference World Reviewer
2	Mechanical Engineering	Team stallions bagged overall Runner-up in National level E Bike Racing Championship- Electric Bike Race Challenge-2019 held in SRM University, Chennai from 20 th to 24 th January 2019
		29 students obtained NDT- 2 level certification In Ultrasonic Testing of welds. Certification valid for 5 years. Program conducted 2Dec to 10 Dec 2018.
		Trained 11 students on various 3D Experience softwares such as delmia , enovia, dymola,catia
		Dr.P.S.Rao-1. Acted as Reviewer for AIMTDR2018. 2.Two Ph.D s were awarded under my supervision. 3. Published 05 technical papers in journals. <ul style="list-style-type: none"> Faculty Development Program (FDP) on Digital Manufacturing Dassult Systems, conducted by CUTM Dt june 26th-27th2018
3	Management	Dr. Rashmi Ranjan Parida was convocated with PhD degree at IIT Kharagpur in august presence of his Excellency President of India, Governor of WB and Chief Minister of WB on 20th July 2018.
4		Dr. Duraga Prasad Padhy was awarded PhD by Kalinga University, Chhatisgarh in the month of May, 2018.
5		Mr. Sanat Kumar Lenka was awarded Ph.D in English on the topic 'Teaching and Learning of English: A Study of the Government Schools in Khordha, Odisha' on 24 September 2018 under the guidance of Prof. Prajna Pani and Prof. Anubha Ray.
6		Mr.Nagala ShyamVenkataNooka Raju was awarded PhD on the topic "A Study on the Factors Influencing Investor's Decision Towards Investment in Equity Shares: Selected District of Andhra Pradesh", in November 2018.under guidance of Dr. Anita Patra
7		Centurion University of Technology & Management, Paralakhemundi is selected as a participating Institute under Unnat Bharat Abhiyan, A Flagship Programme of MHRD under the Coordinator-ship of Prof. Rashmi Ranjan Parida.

8	Dr. Rashmi Ranjan Parida and Prof. Umakanta Nayak won “Best Paper Award in Xub Sustainability Summit 2018” on The Title, “Urbanization, Water and Governance-A Sustainable Perspective” held from 9-10 February 2018 at Xavier University.
9	Awarded by ICSSR as Programme Director to conduct Capacity Building Programme in February, 2019
1 0	Invited as the Member of Board of Studies for the Department of English, NIST, Berhampur.
1 1	Invited Talk at International Conference on Mathematical

		Sciences and Engineering Applications (ICMSEA-2018) at Baba Institute of Technology, Visakhapatnam.
1 2		Invited as Chief Guest at District Level Women Convention, organised by Institute for Womens' Development, Gajapati dated 8.12.18, and delivered a Key note Address on "One Billion Raising: Indian Context".
1 3		Chaired a session in 12 th NASMEI Conference: An internal conference in marketing at Great Lakes, Chennai on December 21 st , 2018
1 4		Dr .Thomas Jakosben from NTNU, Norway and Dr Rashmi Ranjan Parida jointly designed the Syllabus for Sustainable Entrepreneurship Programme at Centurion University with active support from Dr Haribandhu Panda, Dr Smita Mishra Panda And Dr Supriya Patnaik during The Month of June, 2018.
1 5		Prof. Prajna Pani was invited as a Resource Person by the Dept. of Economics under the special course-Masters in Energy Economics, Banaras Hindu University (BHU) to organise a 5 Day Workshop on Soft Skills and Corporate Readiness from 30th Oct. to 3rd Nov. 2018
1 6		Prof. Prajna Pani was invited as a Resource Person to a 2 day workshop on Soft Skills and Corporate Readiness, Veer Surendra Sai University of Technology, Burla, 25 th - 26 th Aug. 2018
1 7		Awarded by ICSSR, MHRD, Govt of India as Programme Director to conduct Capacity Building Programme in February, 2019
1 8		Prof. Prajna Pani adjudicated the thesis titled 'Edu Technology Applied in Higher Secondary Language Classroom: Praxis of Theory and Practice, Bharathiar University, Tamil Nadu.

(ii) Academic achievements / accomplishments of Faculty members.(as a Keynote speaker, chaired the conference, board member of Govt./ bodies, research project coordinators etc...)

S L N O	Department	Achievement
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Paralakhemundi Campus

1	School Agriculture of	Dr.Atanu Deb presented paper and got the best scientist award in the International Conference on “Emerging Technologies, Systems and Applications (ICETSA-2018)” on 21st – 23rd April, 2018 at Jharkhand Rai University, Ranchi, India <u>Dr.Atanu Deb</u> Popular articles in Magazine: Related to Agriculture and Rural
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	<p>Development</p> <ul style="list-style-type: none"> • Deb, A. (2018, January). Women Empowerment: Concept, Context and Challenges. <i>KrishakaDevoBhava</i>, 5(4), 10-20. • Deb, A. (2018, March). Toto: Story of a primitive tribal community. <i>KrishakaDevoBhava</i>, 5(5), 15-34. • Deb, A. (2018, October). A brief history of Community Radio. <i>KrishakaDevoBhava</i>, 5(6), 12-26. <p>Articles in Newspaper: Related to Rural and Tribal issues</p> <ul style="list-style-type: none"> • Deb, A. (2018). Chenchus of Nallamala. <i>AnandabazarPatrika</i>. Retrieved August 9, 2018. OCLC Number: 187024438 • Deb, A. (2018). Rock arts of Hazaribag. <i>AnandabazarPatrika</i>. Retrieved June 26, 2018. OCLC Number: 187024438 													
	Extension IC materials for various organizations													
	<table border="1"> <thead> <tr> <th>Types of IC materials</th> <th>Organizations</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>Leaflet, Folder, Poster, Standy, Video snip-age</td> <td>Centre for World Solidari Jharkhand</td> <td>2 0</td> </tr> <tr> <td>Year book on 'Traditional Super foods of India'</td> <td>Welthungerhilfe, Germany. European Union, Belgium</td> <td>2 0</td> </tr> <tr> <td>Flash book</td> <td>Prasari, Kolkata</td> <td>2 0</td> </tr> </tbody> </table>	Types of IC materials	Organizations	Y	Leaflet, Folder, Poster, Standy, Video snip-age	Centre for World Solidari Jharkhand	2 0	Year book on 'Traditional Super foods of India'	Welthungerhilfe, Germany. European Union, Belgium	2 0	Flash book	Prasari, Kolkata	2 0	
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	Ph.D award- Tanmoy Shankar, Piyalli Dutta, Arkendu Ghosh, Sashmita Das, A.Pushparani Devi, Priyanka Nandi, Rojeet Thagjam, Umalaxmi Thingujam, Veronica Kadam													
	Dr.Koustav Panda – attended refresher course organized by the Indian academy of Sciences at Bharatiar university, Coimbatore, Tamil Nadu, India scheduled from 10th to 24th September 2018													
	Deb. A. 2018. Networks and Spatial Complexity of Food Security: Selected cases from the Family Farms of East Singhbhum, Jharkhand. International Conference on "Emerging Technologies, Systems and Applications (ICETSA-2018)" 21 – 23 April, 2018 at Jharkhand Rai University, Ranchi, India													
	Koustava K. Panda. 2018. Invited speaker (Topic: Carbohydrates – Biological Importance) at SKCG College, Paralakhemundi, Orissa, 20 January, 2018.													

Priyadarshani P Mahapatra . 2018. Organized Vegetable packers training -40 students in two phases from Punjab, west Bengal. June, 18

Pushpalatha G.2018. Invited speaker (Topic: Recombinant DNA Technology) at SKCG College, Paralakhemundi, Orissa on 20th January 2018.

Ramana G.2018. Invited speaker (Topic: Carbohydrates – Biological Importance) at SKCG College, Paralakhemundi,

	<p>Orissa on 20th January 2018</p> <p>Sambid Swain. 2018. Organized Workshop on Training programme on "Healthy Shrimp and GIFT Tilapia Culture Using Biofloc Technology" in association with TNJFU – NFDB sponsored programme</p> <p>Zaman. A. 2018. Chief Guest and Keynote Speaker in National Seminar on Judicious Use of Water and Fertilizer in Modern Agriculture, held at Naihati RBC College, West Bengal on 20 January, 2018, Organized by IFFCO.</p>
	<p>Handbook by Deb, A. (2018, October). <i>An illustrated Handbook for Watershed Workers (DharaSevakerHaatboi)</i>. Ford Foundation, West Bengal Government, Prasari- Rajarhat, 1-30.</p> <p>Manual by Deb, A. (2018). <i>Extension teaching materials: A reference manual</i>. Centre for World Solidarity, Jharkhand. 1-50.</p> <p>Book on Rural and Tribal Issues: In regional language by</p> <p style="padding-left: 40px;">Deb, A. (2018). <i>Saga of Village: A book of transect walk (Pothjayepaythemey)</i>. Kolkata, West Bengal: Chitrangi. ISBN 9789385782411</p>
	<p>Book written</p> <p>Agricultural Heritage, A. Zaman and SagarMaitra, Palm View Publication, Kolkata, August, 2018; ISBN:978-81-932912-7-6</p> <p>Book Edited</p> <p>Cutting Edge Technologies for Agricultural Sustainability (Eds. A. Zaman and SagarMaitra), published by New India Publishing Agency, New Delhi, July 2018; ISBN: 978-93-87937-28-2</p> <p>Book Chapter contributed</p> <p>Chapter name: 'Soybean' in the book 'Farage Crops of the World' (Eds. Dr. Md. Hedayetullah and ParveenZaman), published by Apple Academic Press, USA. (September 2018)</p> <p>Chapter name: 'Bio-drainage for improving agricultural productivity in low-lying areas'; Authors: SagarMaitra and A. Zaman; Book name: Cutting Edge Technologies for Agricultural Sustainability (Eds. A. Zaman and SagarMaitra), published by New India Publishing Agency, New Delhi, India. (July 2018)</p> <p>Chapter name: 'Combatting climate change by organic agriculture'; Authors: SagarMaitra, Tanuj Kumar Mandal, Tanmoy Shankar and A. Zaman; Book name: Cutting Edge Technologies for Agricultural Sustainability (Eds. A. Zaman and SagarMaitra), published by New India Publishing Agency,</p>

	<p>New Delhi, India. (July 2018)</p> <p>Chapter name: 'Role of ITKs in sustainable development of innovative agriculture'; Authors: A. Zaman and SagarMaitra; Book name: Cutting Edge Technologies for Agricultural Sustainability (Eds. A. Zaman and SagarMaitra), published by New India Publishing Agency, New Delhi, India. (July 2018)</p> <p>Chapter name: 'Biological drainage system for agricultural sustainability under salinity and lowland conditions'; Authors: A. Zaman and SagarMaitra; Book name: Cutting Edge Technologies for Agricultural Sustainability (Eds. A. Zaman and SagarMaitra), published by New India Publishing Agency, New Delhi, India. (July 2018)</p> <p>Chapter name: 'Pusa hydrogel: a superabsorbent for soil moisture conservation to enhance crop productivity'; Authors: JnanaBharatiPalai, SagarMaitra and A. Zaman; Book name: Cutting Edge Technologies for Agricultural Sustainability (Eds. A. Zaman and SagarMaitra), published by New India Publishing Agency, New Delhi, India. (July 2018)</p>
	<p>Book chapter contributed</p> <p>Palai, J.B., Maitra, S. and Zaman, A. 2018. Pusa Hydrogel: A Superabsorbent for Soil Moisture Conservation to Enhance Crop Productivity. <i>Cutting Edge Technology for Agricultural Sustainability</i>. New India Publishing Agency, ISBN: 978-93-87973-28-2:387-391</p> <p>Maitra S. and Palai J.B., 2018. Organic Farming: A Way to Achieve Agricultural Sustainability. <i>Advances in Agronomy</i>. AkiNik publication, ISBN: 978-93-5335-128-1. 2: 89-107</p>
	<p>Book chapter contributed</p> <p>Panda, S., Borkataki, S., Panigrahi, S. and Taye, R.R., 2018. Resistance Evolution in Insect Pests and Pathogen, published in the <i>Journal of Applied Entomology and Zoology</i> (Volume - 2).</p>
	<p>E-Magazine – cultivation practices of ChowChow</p>

(iii) Academic achievements / accomplishments of Faculty members. (as a Keynote speaker, chaired the conference, board member of Govt./ bodies, research project coordinators etc...)

Jatni Campus		
S L N O	Department	Achievement

1	Civil Engineering	<p>1. Mrs.Sagarika Panda & Miss. Tapasi Parida, Two Faculty members have successfully completed the Suryamitra Training of Trainers program sponsored by CUTM (Solar PV installer Suryamitra , Solar PV installer Electrical, Solar PV installer Civil)</p> <p>2. Major. Gen R.C.Padhi & and Prof.K.C.Sethi, Resource Person for the training on “Coordinated Preparation of High-Resolution</p>
		National Foundation Spatial Data (NFSD) for Gram-Panchayat and Ward Level Mapping” organized during December 18-22, 2018 by DST, Govt. of India and ORSAC
2	Computer Science	For the Staff of Central School On an all Odisha basis Conducted a workshop as speaker for the concepts in python programming in March 2018
3	Mechanical Engineering	<p>1. Dr. R.C Mohanty was invited for a FDP on Finite Element Method and Analysis to GIFT Engineering College ,Bhubaneswar on 27/12/2018</p> <p>2. An Invited Speaker for the National Seminar on “Recent Advances in Mechanical Engineering (RAME-2018)”, held on 7th and 8th Sept 2018 organized by Department of Mechanical Engineering, College of Engineering Bhubaneswar (CEB), Odisha. I gave a talk on “Dynamics: Theory and Applications”.</p> <p>3. Dr. R.C Mohanty selected as Reviewer of Journals</p> <p>(i) Journal of Mechanical Engineering Science</p> <p>(ii) Journal of Engineering Manufacture</p>
4	ECE	Mr Harish Ch. Mohanta presented a paper at ICMSEA conference at BITS Vizag Campus 20th to 22nd December 2018
5	Biotechnology	Best Paper award in International Conference, Publication of Papers, Attended Workshop for Biovia, Winner of Youth connect program of Bhubaneswar Municipal Corporation, Patent filing projects
6		Dr. Bibhunandini Das received a project of worth Rs 5.88 lakh from National Commission for Women in the month of March 2018. The title of the study is “Political representation and Empowerment of Women Local Government representatives in Odisha”. SoM congratulates her for this success.

	School of Management	
		UN Assignment as Gender expert for project implementation with United Nation Industrial Development Program (UNIDP) by Prof. Smita Mishra Panda
		Prof. Umakanta Nayak was conferred with the PhD. degree in Management at the 6th Annual Convocation 2018. School of Management wishes him best wishes.
		Prof. Sisir Ranjan Dash has faced the final defence for his doctorate on 08/11/18 and been awarded with Ph.D. in Management by Siksha 'O' Anusandhan (Deemed to be University) as per the notification No. Ex/627/2122/2018 dated 12/11/18.
		Prof. Umakanta Nayak was invited as an External Examiner for

	<p>Management Research Project to KL University, Vijayawada, from 28-29 December 2018.</p>
	<p>Prof. Madhumita Das was invited by Doordarshan Bhubaneswar to co-ordinate the programme "Ama Sankruto o Ama Parampra". She had co-ordinated two episodes on "Ama Parampara re Dhanu Sankranti" and Ama Parampara re Bhasa Sahitya". Both the programs have been highly appreciated by the viewers.</p>
	<p>Prof. Sabysachi Dey was invited as an expert for taking interview for Government Project for the Recruitment of Vocational Trainers (Retail) on 19 Dec 2018.</p>
	<p>Prof. Sabysachi Dey was invited by the Principal of Baba Bhairabananda Autonomous Mahavidyalaya, Chandikhole as a member of Board of Studies of Bachelor in Vocational Studies (Retail Management) as subject expert vide letter no 1200/18 dated 18 December 2018.</p>

7.

(i) Lectures delivered by staff members in different forums

Jatni Campus		
S l. N o .	Name of Staff	Location
Computer Science Engineering		
1	Debasish Das	Domain presentation in Oct 2018 (Data Analytics) at CIT, Jatni Campus.
2	Rakesh Kumar Ray	Domain presentation in Oct 2018 (Software Technology) at CIT, Jatni Campus.
Biotechnology		
3	Preetha Bhadra	Co-ordinate IELTS program for Faculties in Jatni Campus
Civil Engineering		
3	Dr. Kamal kumar Barik	Department of earth science, Sambalpur University

(i) Lectures delivered by staff members in different forums

Paralakhemundi Campus		
S	Name of	Location

I. N o .	Staff	
Civil Engineering		
1	Prof.Prafulla Kumar Panda	1.Avulsion as a landscape-forming event: A Case study of River Kosi using Space Technology and Geospatial Approach at BITS ,VIZAG on 22 nd December 2018 2. Disease Control and Combat Mapping for Tribal Fortification Using GIS –A Case Study for Selected Tribal blocks of Rayagada District at SAC Ahmadabad on 5 th December 2018

Computer Science Engineering		
2	Sashi Bhusan Maharana	SKCG (A) College, Paralakhemundi
3	K. Santoshachandra Rao	Avanthi Institute of Engineering & Technology, Cherukupally(V),Bhogapuram(M),
Ag Engineering		
1	Dr.B.P. Mishra	Invited as a speaker on “Odisha Environment Congress”
		Invited as a speaker at Vizag
Mechanical Engineering		
2	Dr.P.S.Rao	Lecture on recent welding engineering advances at Swami Vivekananda college of engineering, Vijayanagaram in January 2018
3	Dr.P.S.Rao	Lecture on Rapid Prototyping Techniques at Swami Vivekananda college of engineering, Vijayanagaram in March 2018
Management		
1	Prof. Prajna Pani	<p>Prof. Prajna Pani was invited as a Resource Person by the Dept. of Economics under the special course-Masters in Energy Economics, Banaras Hindu University (BHU) to organise a 5 Day Workshop on Soft Skills and Corporate Readiness from 30th Oct. to 3rd Nov. 2018.</p> <p>Prof. Prajna Pani was invited as a Resource Person to a 2 day workshop on Soft Skills and Corporate Readiness, Veer Surendra Sai University of Technology, Burla, 25th-26th Aug. 2018.</p> <p>Prajna Pani offered a session on Learn with Fun in the event titled ‘Learning Societies and Unconference’, Centurion University of Technology and Management, 15th-19th January 2019</p>
M.S.Swaminathan School of Agriculture		
1	Mr.Kartik Pramanik	Training programme on Scientific cultivation of Chilli organised by MSSSoA & APEDA in CUTM
2	Dr. Pushpalatha G.	Dept of Biotechnology, CUTM, honoured as an invited speaker (Topic: Recombinant DNA Technology) at SKCG College, Paralakhemundi, Orissa on 20 th January 2018.

3	Dr. Kousatava K. Panda,	Dept of Biotechnology, CUTM, was invited as an speaker (Topic: Carbohydrates – Biological Importance) at SKCG College, Paralakhemundi, Orissa on 20 th January 2018.
4	Dr. Ramana G.	Dept of Biotechnology, CUTM, was invited as an speaker (Topic: Carbohydrates – Biological Importance) at SKCG

		College, Paralakhemundi, Orissa on 20 th January 2018.
5	Priyadarsini P.Mahapatra	Training programmes on cashew, pineapple and vegetables at dept.of Horticulture, Pathapatnam, AP
6	Dr.Saurav Barman, Mr.Licon, Dr.tanuj mandal, Mr. Kartik Pramanik	Training on Vermicompost, Organic farming, mushroom cultivation and horticulture nursery at Tata Steel, Jajpur
7	Dr.Saurav Barman	Training on Soil health, natural farming, Organic farming, to IDEI farmers at Goalda, Baripada

8.

(i) **Academic achievements / accomplishments of students (GATE, CAT, MAT, Civil services etc.)**

Jatni Campus		
Civil Engineering		
S l o .	Name of Student	Achievement
1	Saswat Mishra	A student has got enrolment in NICMAR, Delhi in post graduation Course.
Mining Engineering		
2	Habibullah Khan, B.Tech. 3 rd year	Qualified GT Exam conducted by DGMS.
Biotechnology		
3	Monali Parida	Best Paper award, Paper publication, Several competition winner, Winner of Youth connect program of Bhubaneswar Municipal Corporation.
4	Yaswobanta Kar	Paper Publication, Several Competition Winner
5	Victor Pradhan	Best Paper award, Paper publication
6	Saswati Das	Paper Publication

(ii) **Academic achievements / accomplishments of students (GATE, CAT, MAT, Civil services etc.)**

S l o .	Achievement

1	<p>The following students have got prizes in debate competitions organised by DIPRO., Gajapati district on occasion of Vigilance awareness week.</p> <p>Mr Asish Mishra, 3rd yr BSc Agriculture got 2nd Prize in English debate competition.</p> <p>Mr Subham Dash, 3rd yr Bsc Agriculture got 1st Prize in Odia debate. Mr Bikash Agrawal, 2nd yr Bsc Agriculture got 2nd Prize in Odia debate</p>
2	<p>2nd year M.Sc.Ag students qualified the TOT test of Mushroom and Solanaceous of NSDC Agri RPL Project</p>
3	<p>53 B.Sc. (Agriculture) 2014 Batch students are qualified JRF for PG courses in 2018 and joined in different Institutes and Universities, supported by ICAR.</p>
4	<p>The first student initiative agricultural magazine SHYAMALA SUBARNA by D.Shuvam, released by Minister of Agriculture, Odisha</p>
5	<p>M.Sc.Ag Students visited to EID Parry India Ltd. And KVK, Seetampeta on 7th March</p>
6	<p>Students participated Agri Vikas 2018 held at SoA university, Bhubaneswar</p>

7	Our RAWEP students conducted hundreds of farmer awareness programs in more than 60villages of Srikakulam, Gajapathi districts and appeared more than 50times in different news articles and video telecasts of media.					
8	AELP students of Mushroom, vermicomposting and Biofertilizer units have conducted method demonstrations to the small scale marginal farmers to encourage self employment and carried out different social service activities in adopted villages Patikota, Rasur, Barlanda, Parasurampuram etc.					
B.Sc.(Ag.): 2014 batch - JRF qualified students for PG courses in 2018						
S L · N O	SUDE NT NAM E	REGISTR ATION NO.	G E N D E R	QUA LIFI ED IN	SUBJE CT	UNIVER SITY
1	B Rohi ni Kum ar	140806A GR250	M	M.S c	Agro forest ry	Forest Research Institute at Dehradun
2	K Renu ka	140806A GR031	F	M.S c	Hortic ulture	Andhra University, Vishakhapa tnam
3	I. Sai Siri	140806A GR168	F	M.S c	Hortic ulture	Andhra University, Vishakhapa tnam
4	A Naga Jyoth i	140806A GR144	F	M.S c	Hortic ulture	Andhra University, Vishakhapa tnam
5	K. Renu ka	140806A GR031	M	M.S c	Hortic ulture	Andhra University Vishakhapa tnam
6	S Lalith a Prasa nthi	140806A GR218	F	M.s c	Ento molog y	Vishwabara thi, west bengal
7	P Vedit ha	140806A GR268	F	M.s c	Ento molog y	Vishwabara thi, west bengal
8	D Gowr i Shan kar	140806A GR266	M	M.s c	Ento molog y	SHUATS, Allahabad
9	P Moun ika	140806A GR269	F	M.s c	Ento molog y	SHUATS, Allahabad
10	Katta ri Hema	140806A GR138	M	M.s c	Ento molog y	SHUATS, Allahabad

	nth					
11	B Raju	140806A GR133	M	M.s c	Entomology	SHUATS, Allahabad
12	B Deekshit	140806A GR094	M	M.s c	Entomology	SHUATS, Allahabad
13	B Revanth	140806A GR154		M. Sc.	Agronomy	SHUATS, Allahabad
14	K Sandeep	140806A GR134	M	M. Sc.	Agronomy	SHUATS, Allahabad
15	Shaik Bilal	140806A GR012	M	M. Sc.	Agronomy	SHUATS, Allahabad
16	DRM S Vidya Sagar	140806A GR057	M	M. Sc.	Agronomy	SHUATS, Allahabad
17	Bibu Shekar Mahanty	140806A GR216	M	M. Sc.	Agronomy	SHUATS, Allahabad
18	B Vikas	140806A GR111	M	M. Sc.	Plant Breeding	SHUATS, Allahabad
19	V Sharmila	140806A GR243	F	M. Sc.	Plant Breeding	SHUATS, Allahabad
20	Syed Sajid Ali	140806A GR022	M	M. Sc.	Plant Breeding	SHUATS, Allahabad

21	S. ES Abhishek	140806A GR084	M	M. Sc.	Genet is & Plant Breeding	Vishwabara thi, west bengal
22	Kiran Mungura	140806A GR155	M	M. Sc.	SST	
23	K. Sai Kiran		M	M. Sc.	SST	
24	Gane sh Teja	140806A GR219	M	M. Sc.	SST	
25	Korra Srinivas	140806A GR236	M	M. Sc.	SST	SHUATS, Allahabad
26	Uma Mahe shwar i	140806A GR270	F	M. Sc.	SST	SHUATS, Allahabad
27	Kond ru Vand ana	140806A GR256	F	M. Sc.	SST	SHUATS, Allahabad
28	Saura v Kum ar Sahu	140806A GR259	M	M. Sc.	SST	OUAT
29	Sirila S Abhis ekh Pradh an	140806A GR248	F	M. Sc.	Soil Scien ce	OUAT
30	N. Chan dra Leela	140806A GR060	F	M. Sc.	Horti cultur e	SHUATS, Allahabad
31	B Triu males h	140806A GR062	M	M. Sc.	Horti cultur e	SHUATS, Allahabad
32	B Ramy a	140806A GR002	F	M. Sc.	Horti cultur e	SHUATS, Allahabad
33	G Lava nya	140806A GR025	F	M. Sc.	Horti cultur e	SHUATS, Allahabad
34	Siras apalli Bhar gav Kiran	140806A GR113	F	M. Sc.	Horti cultur e	SHUATS, Allahabad

35	V Lavana	140806A GR025	F	M. Sc.	Horticulture	SHUATS, Allahabad
36	Ch Siva Charan	140806A GR143	M	M. Sc.	Horticulture	SHUATS, Allahabad
37	Salomi	140806A GR063	F	M. Sc.	Plant Pathology	SHUATS, Allahabad
38	Hepsiba Rani	140806A GR147	F	M. Sc.	Plant Pathology	SHUATS, Allahabad
39	Pujyasmitha Naya	140806A GR265	F	M. Sc.	Agri Meteorology	OUAT, Bubenswer
40	M Ramji Gupta	140806A GR141	M	M.S c	ABM	Indian Institute of Plantation Management, Bangalore
41	I Ram Rohit	140806A GR161	M	M.S c	ABM	Indian Institute of Plantation Management, Bangalore
42	P Uday Kumar	140806A GR217	M	M.S c	ABM	Sagar group of Institute at Hyderabad
43	Sami ktya Das	140806A GR182	F	M.S c	ABM	Utkal University, BBSR
44	Lekh ana	140806A GR203	F	M.S c	ABM	JNKVV, Jabalpur
45	Gade Uma	140806A GR122	F	M.S c	ABM	KAU, Thrissur,

	Devi					Kerala
46	Salagala Rani Rechhal	140806A GR117	F	M.Sc	ABM	PAU, Ludhiana
47	Anamika Devi	140806A GR049	F	M.Sc	ABM	SKUAST, J& K
48	Vemavarapu Parimala	140806A GR085	F	M.Sc	Economics	SHUATS, Allahabad
49	Sowjanya Kuna	140806A GR089	F	M.Sc	Economics	SHUATS, Allahabad
50	S. Bhargav Kiran	140806A GR113	M	M.Sc	Horticulture	SHUATS, Allahabad
51	G. Hemanth Kumar	140806A GR235	M	M.Sc	SST	SHUATS, Allahabad
52	G. Devananda Sai	140806A GR220	M	M.Sc	Entomology	SHUATS, Allahabad
53	B. Deekshith	140806A GR094	M	M.Sc	Entomology	SHUATS, Allahabad

9.

(i) Innovative Programmes

Jatni Campus	
1	First year student's involvement in mini Project work.
2	Workshop on Build your own Computer(01/11/18 - 08/11/18) for 1st yr CSE students
3	Around 11 tech-fest organised for different +2 colleges in which 1500 students participated
4	NRMC Land Surveyors
5	MBA in Power Management

(ii) Innovative Programmes

Paralakhemundi Campus	
1	Enovia Customization (CSE Domain: Go-To-Market)
2	Visualization using Python (CSE Domain: Data Analytics)

3	Mr.Somayajula Rahul, Mr.Suman Sudhansu Received first prize from Honorable CM- Andhra Pradesh ,Shri.Chandrababu Naidu for their Innovative work on 3D printer and CNC plotter in JNANABHERI knowledge summit under innovation & technology segment held in ANDHRA UNIVERISTY , Vishakhapatnam on 23 rd August 2018.
4	<u>Mr.Abhi Mitra, Mr.Debasish</u> Received Second prize from Honorable CM-Andhra Pradesh ,Shri.Chandrababu Naidu for competing in gaming Hackathon Organised by APITA, unity 3d , UNESCO at Visakhapatnam. The topic of the game is "reduce inequality in society" for which a virtual reality game is prepared with a title "towards the change" by the team .
5	Certificate Course on Saura Language
6	MBA (DM) designed in collaboration with NTNU, Norway.
7	Be A Contributor Course
8	MBA (ABM) designed in collaboration with NTNU, Norway

School of Agriculture	
1	Atal RPL Project, QP's for different courses developed by faculty Simulating molecular basis of Agriculture growth and yield with Dassault Systemes BIOVIA Himalaya Project – Pilot & Commercial plant projects - Germination studies for Medicinal weed crops

10.

(i) Any new laboratories

Jatni Campus	
Biotechnology	
Sl. No	Laboratory
1	Animal Cell Biology Lab
2	Biovia Lab

(ii) Any new laboratories

Paralakhemundi Campus	
Sl. No.	Computer Science Engineering
1	G2M Lab
2	AR/ VR Lab
Sl. No.	Mechanical Engineering
1	Digital material testing laboratory
2	3D Printing laboratory
3	3D Experience theatre
School of Agriculture	
1	Biovia Lab
2	Protected Cultivation Unit, Automated Poly House, Apiary Unit, Multitier Cropping System, Fish Processig Lab, Fish Rearing Unit, Field Lab, Three More Stp's, Different Types Of Sprinklers By Jain Irrigation, Biodiversity Corner, Poultry Unit, Crop Museum

11.

(i) Research Publications

Paralakhemundi Campus		
S l n o	Facult y	Research Publication
EEE		
1	Manoj Samal	Design of a Controller for MIMO System by using Approximate Model Matching (AMM) Method”, International Journal of Engineering and Management Research (IJEMR)-Volume-8, Issue-6 ISSN (Online): 2250-0758 ISSN (Print): 2394-6962 of December 2018.
2	Anjan Kumar Sahoo	Design of a Controller for MIMO System by using Approximate Model Matching (AMM) Method”, International Journal of Engineering and Management Research (IJEMR)-Volume-8, Issue-6 ISSN (Online): 2250-0758 ISSN (Print): 2394-6962 of December 2018.
Civil Engineering		
1	Prafulla Ku. Panda	<p>1. Water quality index computations at selected locations: a case study of Brahmaniriver basin, Odisha, India, International Journal of Management, Technology And Engineering, Volume-8, Issue-XVI</p> <p>2. Avulsion as a landscape-forming event: A Case study of River Kosi using Space Technology and Geospatial Approach ,International Journal of Management, Technology And Engineering, Volume-8, Issue-XVI</p> <p>3. Disease Control and Combat Mapping for Tribal Fortification Using GIS –A Case Study for Selected Tribal blocks of Rayagada District, Odisha, National Symposium on Advancements in Geospatial Technology for Societal Benefits</p> <p>4. Geomorphology of the Kosi Fan in Consequence to a Mega-Avulsion Aided by Space Inputs and Hydraulic Modeling”, Journal of Remote Sensing & GIS, April 2018, Volume 7, issue-2. IF-7.238</p> <p>5. Hydro Geomorphological Characteristics and Delineation of Ground Water Potential Zone - A Case Study of Rushikulya and Bahuda Basin, Ganjam Odisha, International Journal of Advanced Remote Sensing and GIS March 2018, Volume 7, Issue 1, pp. 2540-2550</p> <p>6. Rainfall Data Analysis for Estimation of Rainfall Erosivity Factor International Journal of Engineering, Science and Mathematics Vol. x Issue x, December 2017, ISSN: 2320- 0294 Impact Factor: 6.765</p>

2	Dr.M.L.Narsi maham	<ol style="list-style-type: none">1. Water quality index computations at selected locations: a case study of Brahmaniriver basin, Odisha, India, International Journal of Management, Technology And Engineering, Volume-8, Issue-XVI2. Avulsion as a landscape-forming event: A Case study of River Kosi using Space Technology and Geospatial Approach , International Journal of Management, Technology And Engineering, Volume-8, Issue-XVI3. Disease Control and Combat Mapping for Tribal
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		Fortification Using GIS –A Case Study for Selected Tribal blocks of Rayagada District, Odisha,National Symposium on Advancements in Geospatial Technology for Societal Benefits 4. geomorphology of the Kosi Fan in Consequence to a Mega- Avulsion Aided by Space Inputs and Hydraulic Modeling”, Journal of Remote Sensing & GIS, April 2018, Volume 7,issue-2.IF-7.238 5. Rainfall Data Analysis for Estimation of Rainfall Erosivity Factor International Journal of Engineering, Science and Mathematics Vol. xIssue x, December 2017, ISSN: 2320- 0294 Impact Factor: 6.765
3	Madhusmita Ghadai	Water quality index computations at selected locations: a case study of Brahmaniriver basin, Odisha, India,International Journal of Management, Technology And Engineering,Volume-8,Issue-XVI
4	Pranati Panda	Rainfall Data Analysis for Estimation of Rainfall Erosivity Factor International Journal of Engineering, Science and Mathematics Vol. xIssue x, December 2017, ISSN: 2320- 0294 Impact Factor: 6.765
ECE		
1	Prof. Sandipan Pine	Optimization of The Breakdown Voltage of Soi Ldmos Using TCAD, International Journal of Engineering, Science and Mathematics, Volume 8, Issue XII, Page 3294-3303, ISSN: 2249-7455
2	Prof. Sandipan Pine	Controlling a Wheeled Robot through Field Programmable Gate Array, International Journal of Engineering, Science and Mathematics Vol. 6 Issue 8, ISSN:2320-0294
3	Prof. S.N.Padhy	Controller Design for Bridgeless SEPIC PFC Rectifier Operating In Continuous Conduction Mode, International Journal of Engineering, Science and Mathematics, Volume 6, Issue XI, ISSN: 0973-7006
4	Prof. S.N.Padhy	Modelling and Simulation of Bridgeless SEPIC PFC Rectifier Operating in Continuous Conduction Mode, International Journal of Engineering, Science and Mathematics Vol. 6 Issue 8, ISSN:2320-0294
5	Prof. N.Jeevaratnam	Review of MEMs Piezoresistive paper based pressure sensor, International Journal of Engineering and Mathematics, ISSN: 0973-7006
6	Prof. Prabhat Ku Patnaik	A Novel approach of Parameter Extraction of Distributed MEMS Transmission Line using Neural Network ,International Journal of Engineering, Science and Mathematics, ISSN: 0973-7006
7	Prof. Binod Ku Padhi	GSM Based Temperature and Humidity measurement of SILO. Far East Journal of Electronics and Communications, ISSN: 0973-7006

8	Prof. Sandipan Pine	Optimization of The Breakdown Voltage of Soi Ldmos Using TCAD, International Journal of Engineering, Science and Mathematics, Volume 8, Issue XII, Page 3294-3303, ISSN: 2249-7455
9	Prof. Sandipan Pine	Controlling a Wheeled Robot through Field Programmable

		Gate Array, International Journal of Engineering, Science and Mathematics Vol. 6 Issue 8, ISSN:2320-0294
10	Prof. S.N.Padhy	Controller Design for Bridgeless SEPIC PFC Rectifier Operating In Continuous Conduction Mode, International Journal of Engineering, Science and Mathematics, Volume 6, Issue XI, ISSN: 0973-7006
11	Prof. S.N.Padhy	Modelling and Simulation of Bridgeless SEPIC PFC Rectifier Operating in Continuous Conduction Mode, International Journal of Engineering, Science and Mathematics Vol. 6 Issue 8, ISSN:2320-0294
12	Prof. N.Jeevaratnam	Review of MEMs Piezoresistive paper based pressure sensor, International Journal of Engineering, Science and Mathematics
Mechanical Engineering		
1	Dr. P. Srinivasa Rao	P.GovindaRao,P.Srinivasa Rao and A.Gopala Krishna, "Vibratory Assisted Welding System" Published in Official Journal of the Patent Office, Chennai, Journal Issue No. 46/ 4th NOV. 2016, Journal Page No. 72445, Application No: 201641029625.
2	Dr. P. Srinivasa Rao	P.Govinda Rao, P.Srinivasa Rao and A.Gopala Krishna, "A Smart Prediction Tool for Estimating Impact Strength of Welded Joints Prepared by Vibratory Welding Process".
3	Dr. P. Srinivasa Rao	P.Govinda Rao and P.Srinivasa Rao, "Development of a prediction tool for tensile strength of the welded joints prepared by vibratory welding process", Materials Focus Vol. 6, Issue 3, pp. 319-324, 2017(Indexed by ESCI, Web of Science, Thomson Reuters). 4.P.Govinda Rao,P.Srinivasa Rao, BBVL Deepak, "GRNN-Immune Based Strategy for Estimating and Optimizing the Vibratory Assisted Welding Parameters to Produce Quality Welded Joints", Engineering Journal , Vol. 21, Issue 3, pp. 251-267, 2017(ESCI and SCOPUS, Web of Science, Thomson Reuters).
4	Dr. P. Srinivasa Rao	G. Musalaiah, Bade Venkata Suresh, P.Srinivasa Rao and P.Govinda Rao, "Shear Strength Enhancement in Vibratory Lap Welded Joints", International Journal of Mechanical Engineering and Technology (IJMET), Volume 8, Issue 1, January (2017), pp. 160-168(Indexed by SCOPUS).
5	Dr. P. Srinivasa Rao	A novel method for joining of Aluminium alloy AA6061 plates by friction stir welding using vertical milling machine,International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 04 Issue: 09 Sep -2017

6	Dr. P. Srinivasa Rao	Bade Venkata Suresh, G. Musalaiah, P.Srinivasa Rao and P.Govinda Rao, "Influence of Vibratory Weld Conditioning on Hardness of Lap Welded Joints ", International Journal of Mechanical Engineering and Technology (IJMET), Volume 8, Issue 1, January (2017), pp. 169-177(Indexed by SCOPUS).
7	Dr. P. Srinivasa Rao	M. Vykunta Rao, P. Srinivasa Rao and B. SurendraBabu (2017), "Vibration Effect on the Impact Strength of Al5052- H32 weldments" ,Journal Mechanical Engineering research and Developments, Vol. 40, No. 1, 2017, pp. 311-316.(Indexed by SCOPUS).

8	Dr. P. Srinivasa Rao	M. Vykunta Rao, P. Srinivasa Rao and B. SurendraBabu (2017), "Effect of Vibratory Tungsten Inert Gas Welding on Tensile Strength of Aluminum 5052-H32 Alloy Weldments". Materials Focus, 6(3), 325-330.(Indexed by web of science).
9	Dr. P. Srinivasa Rao	J.Kalpana,P.Srinivasa Rao and P.Govinda Rao, "Investigation of acceleration effect on the flexural strength of vibratory dissimilar welded joints, Materials Focus, Vol. 6, Issue , pp. 107-113, 2017 (Indexed by ESCI, Web of Science, Thomson Reuters).
10	Dr. P. Srinivasa Rao	G.V.S.S.Sharma, P. Srinivasa Rao and B. SurendraBabu, "Quality Assurance through Process Improvement- A concise Review", Engineering Journal 2017(ESCI indexed and Scopus indexed). Publisher: Faculty of Engineering Chulalongkorn University, Thailand
11	Dr. P. Srinivasa Rao	Experimental Investigation of EDM Parameters on Aluminum & Stainless Steel 304, International Journal of Engineering, Science and Mathematics Vol.6Issue 8, December2017,
12	Dr. P. Srinivasa Rao	Effect Of Hybrid Dielectric Fluid On The Performance Of Edm Parameters, International Journal of Engineering, Science and Mathematics Vol.6Issue 8, December2017, Vol. 6 Issue 8, December 2017 (Special Issue) ISSN: 2320-0294 Impact Factor: 6.765
13	Dr. P. Srinivasa Rao	Process capability improvement through DMAIC for aluminium alloy wheel machining J Ind Eng Int (2018) 14:213–226
14	Dr. P. Srinivasa Rao	Drafting software as a practicing tool for engineering drawingbased courses: Content planning to its evaluation in client–server environment, International Journal of Mechanical Engineering Education 0(0) 1–17
15	Dr. P. Srinivasa Rao	Regression analysis for estimating hardness and tensile strength of vibratory dissimilar welded joint, international journal ofmanagement, technology and engineering,issn no:2249-7455,vol 8,12,dec 2018
16	Mr. Amrit Mallick	A novel method for joining of Aluminium alloy AA6061 plates by friction stir welding using vertical milling machine,International Research Journal of Engineering and Technology (IRJET) e-ISSN: Volume: 04 Issue: 09 Sep -2017 Vol. 6 Issue 8, December 2017 (Special Issue) ISSN: 2320-0294 Impact Factor: 6.765

1 7	Mr. Amrit Mallick	The Effect of functionalities MWCNT on Mechanical and electrical properties of PMMA Nanocomposites.",Nanoelectronic Materials and Devices. Lecture Notes in Electrical Engineering, vol 466. Springer, Singapore
1 8	Mr. Sujit Mishra,Dr.Ashok Misra,P.S.V.Ramana Rao,D.Nageswar Rao	Simulation ofAerodynamic Flow Parameters over a Simplified Sedan Car,International Journal of Engineering, Science and Mathematics Vol.6Issue 8, December2017, Vol. 6 Issue 8, December 2017 (Special Issue) ISSN: 2320-0294 Impact Factor: 6.765
1 9	Mr.Santosh Patro,Dr.	A Concise Review on Optimization of Machining Process

	P. Srinivasa Rao	Variables in WEDM, International Journal of Engineering Science and Technology,2018
20	G.Sridevi,Dr. P. Srinivasa Rao	Optimization of Performing Parameters of SS-316 in Diesinker EDM, International Journal of Engineering, Science and Mathematics.Vol. 6 Issue 8, December 2017 (Special Issue) ISSN: 2320-0294 Impact Factor: 6.765,
AG Engineering		
1	Dr.B.P. Mishra	Prompt corrective action parameters identification using PCA Analysis for sustainable development in a Gandhian State,Odisha, International Journal of Management ,Technology And Engineering (ISSN NO:2249-7455)
Applied Sciences		
1	Dr.Ashok Misra	1. Effect of Electrification of Nano particles on Natural Convective Boundary Layer Flow and Heat Transfer of a Cu- Water Nano fluidpp.1254-1264 2. Modeling Boundary Layer Flow and Heat Transfer of a Particulate Suspension,pp.417-433 3. Simulation of Aerodynamic Flow Parameters over a Simplified Sedan Car,pp.1265-1274 4. Classification of Threats in Cloud Environment,pp.13161327 5. Separation of Indian classical seven tune signal from musical instrumental mixed signal using PCA/ICA based Fast-ICA method,pp.1301-307
2	Dr.Banitamani Mallik	1. Invariant Moment Based ID3 Classifier for Face Recognition 2. Hematological judgement in entrepreneurial decision 3. Role of the indian armed forces in strategic decision making and reclaiming the strategic space 3. Summability factor of improper integrals 4 Mathematical exposition on eye movements in decision dynamics 5. Invariant Moment Based Neural Network Classifier for Face Recognition
M r 3	.Balaji Padhy	1.role of the indian armed forces in strategic decision making and reclaiming the strategic space. 2. an eq model for homogeneous items with various demands and deteriorations under fuzzy environment.
4	Dr.Pratibha Tripathi	Local-moment magnetization and spin-orbit induced anisotropy of diamagnetism and g-factor pf p-type Pb_(1-x)Gd_(x)Te
5	Dr.Satyanarayan Dhal	Superior electrical conduction of a water repelling 3D interconnected nanonetwork formed by ion irradiation

6	Mr. Gouri Kumar Sahu	Investigation of optical and structural properties of scheelite-
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		type barium tungstate ceramic
7	Dr.Uttam Kumar Sahu	Application of Box–Behnken Design in response surface methodology for adsorptive removal of arsenic from aqueous solution using CeO ₂ /Fe ₂ O ₃ /grapheme nanocomposite.
8	Dr.Narayan Gouda	1.Kinetic study of thermal degradation of microalgae Arthrospiraplatensis by iso-conversational methods 2. Pyrolytic conversion of protein rich microalgae Arthrospiraplatensis to bio-oil.
9	Dr. S P Nanda	Sea Water Corrosion of Nickel based Plasma Spray Coating.
Computer Science Engineering		
1	K. Santoshachandra Rao	Deep Learning using Image Processing review, published in IJMTE in December 2018
2	Shweta Patnaik	Social Media Data Analytics using Visualization, published in IJSRET in April 2018
3	Priyanka Agrawal	A New Hybrid Approach using Fuzzy Clustering and Morphological Operation for Lung segmentation in CT Images, published in Biomedical and Pharmacology (Scopus) in October 2018
4	Avinash Seekoli	Raw Data Processing with HQL and Pig, published in IJMTE in December 2018
5	Abhilasha Akkala	Textractor extract Optimal Character in Image File, published in IJMTE in December 2018
School of Management		
1	Mr.Santosh Patro,Dr. P. Srinivasa Rao	A Concise Review on Optimization of Machining Process Variables in WEDM, International Journal of Engineering Science and Technology,2018
2	G.Sridevi,Dr. P. Srinivasa Rao	Optimization of Performing Parameters of SS-316 in Diesinker EDM, International Journal of Engineering, Science and Mathematics.Vol. 6 Issue 8, December 2017 (Special Issue) ISSN: 2320-0294 Impact Factor: 6.765,
3	Mr.Santosh Patro,Dr. P. Srinivasa Rao	A Concise Review on Optimization of Machining Process Variables in WEDM, International Journal of Engineering Science and Technology,2018
4	G.Sridevi,Dr. P. Srinivasa Rao	Optimization of Performing Parameters of SS-316 in Diesinker EDM, International Journal of Engineering, Science and Mathematics.Vol. 6 Issue 8, December 2017 (Special Issue) ISSN: 2320-0294 Impact Factor: 6.765,
5	Mr.Santosh Patro,Dr. P. Srinivasa Rao	A Concise Review on Optimization of Machining Process Variables in WEDM, International Journal of Engineering Science and Technology,2018

6	G.Sridevi,Dr. P. Srinivasa Rao	Optimization of Performing Parameters of SS-316 in Diesinker EDM, International Journal of Engineering, Science and Mathematics.Vol. 6 Issue 8, December 2017 (Special Issue)ISSN: 2320-0294 Impact Factor: 6.765,
7	Mr.Santosh Patro,Dr. P. Srinivasa Rao	A Concise Review on Optimization of Machining Process Variables in WEDM, International Journal of Engineering Science and Technology,2018
8	G.Sridevi,Dr. P. Srinivasa Rao	Optimization of Performing Parameters of SS-316 in Diesinker EDM, International Journal of Engineering, Science and Mathematics.Vol. 6 Issue 8, December 2017 (Special

		Issue)ISSN: 2320-0294 Impact Factor: 6.765,
9	Mr.Santosh Patro,Dr. P. Srinivasa Rao	A Concise Review on Optimization of Machining Process Variables in WEDM, International Journal of Engineering Science and Technology,2018
10	Prof.S.Kameswar Rao	Prof.S Kameswar Rao published a paper titled “Saukaryam: an e-Governance initiative of Greater Visakhapatnam Municipal Corporation” in International Journal of Management, Technology & Engineering, Vol. 8, No.12, 2018.
11	Prajna Pani	Dr. Prajna Pani published a paper on Living Pedagogically in the Digital Age: New Perspectives of English Language Teaching & Learning, Asian Quarterly: An International Journal of Contemporary Issues, Vol. 15, Issue no. 4, Feb 2018.
12	Prajna Pani & Santosh Kumar	Dr. Prajna Pani& Santosh Kumar Rout published a paper on Socio-cultural Practices in Saura Tradition, Research Chronicle, Vol. VI, Issue 1, 2018
School of Agriculture		
1	P. Mishra, N. Singh, A. Jain, N. Jain, V. Mishra, G. Pushpalatha, et al	Identification of cis-regulatory elements associated with salinity and drought stress tolerance in rice from co-expressed gene interaction networks.
2	Ravi Shankar, B.Praveen	Biofertilizers-A noble technology for sustainable agriculture
3	Tripura, Tejib, Sarkar, Tapas, Meduri, Madhavi and Datta, Nilanjana	Effect of Packaging Material and Storage Period on Physic - Chemical Attributes of Osmotic Dehydrated Ripe Sapota Slice.
4	Sarkar, Tapas, Datta, Nilanjana, Tripura, Tejib and Meduri, Madhavi	Impact of packaging material and storage period on nutritional attributes of osmotic dehydrated ripe sapota slices
5	Pradhan K, Nandi A, Das S, Sarkar S, Sahu G S and Patnaik A.	Genetic variability and varietal performance in ash gourd[<i>Benincasa hispida</i> (Thunb) Cogn.] genotypes.
6	Pradhan K, Nandi A, Das S, Sarkar S, Sahu G S and Patnaik A	Genetic diversity analysis of Ash gourd (<i>Benincasa hispida</i> (Thunb.)Cogn.) Germplasm by Principal Components,

7	Pradhan K, Nandi A, Das A, Sahu N, Senapati N, Mishra S P, Patnaik A and Pandey G.	Quantification of capsaicin and Ascorbic acid content in twenty four Indian genotypes of chilli (<i>Capsicum annum</i> L.) by HPTLC and Volumetric method”.
8	Rakesh Roshan Satapathy	Management of <i>Colletotrichum gloeosporioides</i> (Penz.) Causing Cashew
9	T. Umamaheswar i, S. K. Beura, A. K. Dhal and D. S. Mary	In-vitro Evaluation of Fungicides against <i>Myrothecium</i> Leaf Blight Disease of Cotton
1 0	T Umamaheswar i, SK Beura and DS Mary	In vitro evaluation of phyto-extracts in the management of <i>Myrothecium</i> leaf blight of cotton incited by <i>Myrothecium roridum</i>
1 1	Ayam Pushparani	Okra (<i>Abelmoschus esculentus</i> L. Moench) for

	Devi, Swadesh Banerjee1, Praveen Kumar Maurya1, Tridip Bhattacharjee1 , Imtinungsang Jamir2, Soumitra Chatterjee3, Asit Kumar Mandal2, Subrata Dutta2 and Arup Chattopadhyay 1*	Selecting Donor Parent Aiming at Enation Leaf Curl Virus Disease Tolerance in Eastern India Curl Virus Disease Tolerance in Eastern India
1 2	Yogendra Yadav, Praveen Kumar Maurya, Ayam Pushparani Devi, Imtinungsang Jamir, Tridip Bhattacharjee, Swadesh Banerjee, Subhramalya Dutta, Debanjana Debnath, Asit Kumar Mandal, Subrata Dutta and Arup Chattopadhyay	Enation leaf curl virus (ELCV): A real threat in major okra production belts of India: A review
1 3	A. Panigrahi, M. Sundaram, C. Saranya, Sambid Swain, R.R. Dash, J. SyamaDayal	Carbohydrate sources deferentially influence growth performances, microbial dynamics and immunomodulation in Pacific white shrimp (<i>Litopenaeusvannamei</i>) under biofloc system. Fish and Shellfish Immunology
1 4	Sambid Swain, Paromita Banerjee Sawant, N.K.Chadha, J.K.Sundaray, Chandra Prakash and R.M.Tibile,	Effect of varying water pH on hormonal and haematological parameters of Discus (<i>Symphysodonaequifasciatus</i>)

1 5	Shimantini Borkataki, Badal Bhattacharyya, Sudhansu Bhagawati, Ritu Ranjan Taye and Himangshu Mishra	Aquatic insect fauna of Majuli river island of Assam
1 6	Shimantini Borkataki1*, Badal Bhattacharyya 2, Sudhansu Bhagawati3, Ritu Ranjan Taye4 and Dhanalakshmi Gogoi2	Composition and Diversity of Aquatic Insects of Majuli River Island of Assam
1 7	Ritu Ranjan Taye1, Mukul Kumar Deka2, Shimantini Borkataki3, Siddharth Panda3* and Jaya Gogoi1	Effect of Electromagnetic Radiation of Cell Phone Tower on Development of Asiatic Honey Bee, Apis cerana F. (Hymenoptera: Apidae)

18	Ritu Ranjan Taye, Dr. Aatur Rahman and Dr. Shimantini Borkataki	Molecular characterization of dwarf honey bees, <i>Apis florea</i> f. and <i>Apis andreniformis</i> smith from north east Himalaya
19	Prabhat K. Singh* and R. Sadhukhan	Ems and gamma radiation induced mutation in grasspea (<i>Lathyrus sativus</i> L.)
20	P. Robindro Singh*, Chandan Karak, Priyadarshani P. Mohapatra, B. Ashok Kumar and P. Hazra	Manifestation of Heterosis in Bittergourd
21	Y. Sudharani, Priyadarshani P Mohapatra, Kartik Pramanik, Sagar Maitra	Effect of Different Phosphorus Levels on <i>Unguiculata</i> (L.) Genotypes
22	Sagar Maitra, AZaman, Tanuj Kumar Mandal and Jnana Bharati Palai, 2018	Green manures in agriculture: A review,
23	Zaman, A. and Maitra, S. 2018	Crop modeling: a tool for agricultural research
24	Pilli Manasa, Sagar Maitra and M. Devender Reddy, 2018	Effect of Summer Maize-Legume Intercropping System on Growth, Productivity and Competitive Ability of Crops
25	Y. Sudharani, Priyadarshani P Mohapatra, Kartik Pramanik, Sagar Maitra, 2018	Effect of Different Phosphorus Levels on Growth and Yield of Cowpea (<i>Vigna unguiculata</i> L.) Genotypes
26	T. K. Mandal, A.M. Puste and Sagar Maitra, 2018	. Influence of irrigation and mulching on yield attributes, yield and quality of lentil (<i>Lens esculentum</i> L.) grown as intercrop under limited water conditions,
27	T. Shankar, G.C. Malik, M. Banerjee, 2018.	Nutrient management in rice-rice based cropping system on growth and productivity of lateritic belt of West Bengal

2 8	M.D. Bairagya, C.K. Kundu and S. Sarkar. 2018	Mitigate Grain Arsenic Load of Summer Rice through Water Management,
2 9	M. Roja, K.S. Kumar, V. Ramulu, ManojKumar	Modeling and evaluation of Aquacrop for maize (<i>Zea mays</i> L.) under full and deficit irrigation system : A case study in semi-arid tropics
3 0	M. Roja, K.S. Kumar, V. Ramulu, Manoj Kumar	Influence of different drip and sprinkler irrigation levels on dry matter production and nutrient uptake of <i>Rabi</i> maize.
3 1	Ch. Deepthi, A.V. Ramana, A. UpendraRao, P. Guru Murthy	Effect of soil and foliar applied fertilizers on yield attributes and yield of rabi sesame.
3 2	Ch. Deepthi, A.V. Ramana, A.	Nutrient Management in Rabi Sesame for North Coastal Zone of Andhra Pradesh.

	UpendraRao, P. Guru Murthy	
3 3	Panigrahi, S., Kumar, S., Panda, S., Borkataki, S. (2018).	Effect of permeability on primary processing of wood
3 4	Panigrahi, S., Tripathy, S.,(2019).	Enhancement of Technology from Old Preservatives to New Preservatives and Latest Development in the Field of Preservation
3 5	Gayatree Mishra, M Martin Luther and GourangaChar an Mishra, 2018	Efficacy of new generation herbicide in combination and integrated application on weed control efficiency, production potential and economics in direct seeded rice (<i>Oryza sativa</i> L.),
3 6	Gayatree Mishra, M Martin Luther, ChPullaRao and P RavindraBabu, 2018	Response of direct seeded rice(<i>Oryza sativa</i> L.) to integrated weed management practices,
3 7	Pilli Manasa, SagarMaitra and M. Devender Reddy, 2018	Effect of Summer Maize-Legume Intercropping System on Growth, Productivity and Competitive Ability of Crops
3 8	Divya Bharathi T, Krishnayya PV, Srinivasa Rao M and Prasanna Kumari V	Effect of elevated co2 and temperatures on thermal requirement and thermal constants of beet armyworm, <i>Spodoptera exigua</i> (Noctuidae: Lepidoptera) on chickpea
3 9	Telugu DivyaBharathi ^{1*} ,Mat hukumalliSrini vasa Rao ² and PulipakaVenka ta Krishnayya ³	Developmental Response of <i>Spodoptera exigua</i> (Noctuidae: Lepidoptera) on Chickpea under Elevated CO ₂ and Temperatures based on TWO - SEX Life Table
4 0	Rahul adhikary, L Ravi Sankar	Use of geotextiles for improving crop productivity on groundnut in Inceptisols
4 1	Rohitagaranay ak, Rahul Adhikary,Arun abha Pal	GPS based Soil Profile study with micronutrient analysis Soils of Ganjam

4 2	BeraMonisankar, Ghosh G. K., MondalSuchhanda, Biswas P. K. and Kundu M. C (2019)	Yield of Boro Rice as Influenced by Integrated Nutrient Management in Lateritic Soils of West Bengal, India
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(ii) **Research Publications**

Bhubaneswar Campus		
S l n o	Facult y	Research Publication
ECE		
1	Mr. Debaraj Rana	Remote health monitoring system by using Raspberry Pi, 2018
2	Mr. Harish Mohanta	1.Compact frequency reconfigurable metasurface antenna 2.Meatsurface based frequency and polarization reconfigurable antenna
3	Mr. Siba K Panda	Developing High-Performance AVM Based VLSI(Springer)

Biotechnology		
1	Preetha Bhadra	9 paper. 2 in UGC-peer reviewed journal, 1 in Thomson Reuters (ISI/ESCI) Indexed Journal, 6 in SCI and SCOPUS indexed journal
2	Bishwambhar Misra	3 Papers. 2 in UGC-peer reviewed journal, 1 in Thomson Reuters (ISI/ESCI) Indexed Journal
CSE		
1	Mamta Garnayak	Recommender system based on collaborative filtering and K-means submitted to the KES international journal
2	Shivani Nanda	Precision – based localization of a Miner in Mining conditions published a journal in Taylor and Francis in the same topic
Civil Engineering		
1	Dr.M.k.Rath	<ul style="list-style-type: none"> • Hygrothermal ageing behaviour of Fiber Reinforced composites • Failure Analysis and Design of Workshop Building Considering Earth Quake and Wind Pressure • New Construction Technology for Housing Building Complex using EPS Core Panels • Strengthening of RCC Slabs and Beams by FRP Composites • Increase in Compressive Strength of Concrete by addition of Super Plasticizer Strength Enhancement of Prefabricated Reinforced Concrete Pipe and Manhole Cover using FRP • Buckling Effects of Composite Plate • Failure analysis & Design of 500 Bedded ladies Hostel at Cutm • Failure Analysis of Beam and Column of a 300 Bedded Ladies Hostel
2	Prof.ShibaP.Mishra	<p>Management of the sediment transported by the south Mahanadi deltaic rivers to the Chilika lagoon</p> <p>Delineation of fluvial-Aeolian dunes along the SMD and Chilika coasts of Odisha</p> <p>The apocalyptic Anthropocene epoch and its management in India</p> <p>Delineation of fluvial-Aeolian dunes along the SMD and Chilika coasts of Odisha</p> <p>The Cataclysm of Geo-Bio-Climate in Short-Lived Holocene and in Anthropocene epochs: A Critical Review</p> <p>The Enhanced Inland Food Chain and Export Disparities of Small Cardamoms in India: A Critical Review</p> <p>Waste generation and management in anthropocene epoch: an objective appraisal of Indian condition</p> <p>Photoperiodic bio-diversities under light pollution in India during Anthropocene epoch</p> <p>Liquefaction at Mouth of the River Devi: an Amphidromic Point in the Mahanadi delta</p>
3	Mrs Sagarika panda	The failure study of Bed ash silo A case study

4	Mrs.SipalinNayak	Investigations on Finding Mechanical Strength of Concrete by using Additive K100
5	Ms.Sweta Das	Liquefaction at Mouth of the River Devi: an Amphidromic Point in the Mahanadi delta

6	Mr.DurgaCharan Sahoo	Study on effects of silica fume on Mechanical properties of concrete Shear strengthening of RC Beams using externally bonded GFRP
Mechanical Engineering		
1	Dr. RC Mohanty	Energy and Exergy Analysis of a Diesel Engine Fuelled with Diesel and Simarouba Biodiesel Blends in Journal of the Institution of Engineers (India): Series C, Springer,2018
2	Dr. RC Mohanty	Exergy and Energy Analyses and Evaluate Drying Parameters to Develop a Statistical Model for a Solar Dryer in Fish Drying in International Journal for Research in Engineering Application & Management,2018
3	Dr. RC Mohanty	An Experimental Statistical Model Developed in Fish Drying using Regression Analysis in International Journal of Mechanical Engineering & Technology,2018
4	Dr. RC Mohanty	PCA Based Hybrid Taguchi Philosophy for Optimization of Multiple Responses in EDM in Indian Academy of Sciences & Springer,2019
5	Dr. RC Mohanty	Fabrication and Optimization of Fish Drying in Journal of The Institution of Engineers (India) – Series A, Springer,2019
6	Dr.A.M Mohanty	Experimental Analysis and Parametric Optimization of 6065- Aluminium Alloy in Rotary Friction Welding in International Journal of Advanced Mechanical Engineering,2018
7	Dr. A.M Mohanty	Optimization of EDM Machining Parameters to Machine INCONEL – 825 in International Journal of Engineering and Management Research,2018
8	Prof. D.K Mohanta	Experimental Analysis and Parametric Optimization of 6065- Aluminium Alloy in Rotary Friction Welding In International Journal of Advanced Mechanical Engineering,2018
9	Prof. D.K Mohanta	Effect of Heat Treatment in Low Carbon Steel in International Journal of Engineering and Management Research (IJEMR),2018
10	Prof. D.K Mohanta	Experimental Study on Micro Drilling Process in International Journal of Engineering and Management Research (IJEMR),2018
11	Prof.Ipsita Mishra	Simulation of a double cavity type Solar trough collector in International Journal of Mechanical Engineering and Technology,2018
12	Prof. RR Panda	Fabrication and Characterisation of Aluminium Based Silicon Carbide Composite in IJEMR,2018
13	Prof. RR Panda	Optimization of EDM Machining Parameters to Machine

		INCONEL – 825 in IJEMR,2018
1 4	Prof. RR Panda	Effect of Heat Treatment in Low Carbon Steel in International Journal of Engineering and Management Research (IJEMR),2018
1 5	Prof. RR Panda	Experimental Study on Micro Drilling Process in International Journal of Engineering and Management Research (IJEMR),2018
1 6	Prof. RR Panda	Fabrication and Characterisation of Aluminium Based Silicon Carbide Composite in IJEMR,2018

1 7	Prof.S.KSethi	Performance Optimzation in Turning of Alluminium 8019 Alloy,IJEMR,2018
School of Management		
1	Dr. R. Pradeep Patnaik	Published a paper at “International Journal of Current Research in Life Sciences”, Vol. 07, No. 02, pp.1128-1131, February, 2018 in the topic, “Factors Influencing Consumer Buying of Dairy Product: A Study In Odisha”, having impact factor of 5.379.
2	Prof. Shiv Sankar	Published a paper in, “International Journal of Research and Scientific Innovation (IJRSI)” on the topic "Smokeless Chulha-A Way for Enhancing Quality of Life", bearing ISSN: 2321 – 2705 having Impact Factor 1.69.
3	Prof. Shiv Sankar	Technology Diffusion: A Marketing Perspective, University of Malaya, Kualalmapur, Malaysia, ISSN No. 2320-2882, IJCRT
4	Prof. Binoy Kumar Bose	Transforming India: Issues and Chanllenges, School of Economics, Political Science and Management, Gangadhar Meher University, Sambalpur
5	Dr. Bijay Bhujabal	eBook, 25 Aug 2018 https://www.amazon.in/s/ref=nb_sb_noss?url=search-alias%3Daps&field-keywords=bijay+bhujabal , ASIN:B07GT75YHN
6	Dr. Bijay Bhujabal	Paperback, 25 Aug 2018 https://www.amazon.com/dp/1976962250 https://www.amazon.co.uk/dp/1976962250 https://www.amazon.de/dp/1976962250 https://www.amazon.fr/dp/1976962250 https://www.amazon.es/dp/1976962250 https://www.amazon.it/dp/1976962250 https://www.amazon.co.jp/dp/1976962250 ASIN:1976962250 ISBN 1: 13: 978-1976962257 ISBN 2: 10: 1976962250
7	Dr Madhumita Das	Livelihood in Bhitarkanika Wildlife Sanctuary, India: An Impact Assessment of Ecotourism Practices, The Singapore Economic Review, ISSN No. 0217-5908, 2018, 63(1), 1-29
8	Dr Umakanta Nayak	Leveraging the Human Capital for Organization Sustainability in SMEs: A Knowledge Based Perspective, Pratibimba, ISSN No. 9725466, 2018,
9	Dr. Sisir Ranjan	A Study on Cross Border Trade Policies & Developments with Special Reference to Emerging Economies, ESPACIOS, Venezuela, Publisher: Revista Espacios, ISSN No. 0798-1015, 2018, 39

		(34), pp. 11 - 23
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10	Dr. Sisir Ranjan Dash	Impact of CSR on Brand Image: Discovery of a Customer Value Perspective through Regression Analysis , ESPACIOS, Venezuela, Publisher: Revista Espacios, ISSN No. 0798-1015, 2018, 39(7), pp. 13 -25
11	Dr. Sisir Ranjan Dash	Evaluating Policy Impacts on International Financial Integration: A Cointegration Approach, ESPACIOS, Venezuela, Publisher: Revista Espacios, ISSN No. 0798- 1015, 2018, 39(7), pp. 01 - 12
12	Dr Bibhunandini Das	Technology Adoption in Agriculture and its Determinants: An Inter-State Analysis, in the edited volume of Indian Agriculture after Green Revolution: Changes and Challenges by Binoy Goswami, M P Bezbaruah and Raju Mandal. Publisher: Routledge, Taylor and Francis Group., ISSN No. 978-1-138-28629-0, 978-1-315-26853-8, 2018, 112-129
13	Dr.Pramod Kumar Patjoshi	Analysing Liquidity Management and Financial Performance Practices of ONGC and IOCL, Journal of Siddhant (Was in UGC Referred, ISSN No. 2231-0649, 2018
14	Dr.Girija Nandini	Education of women : A better future of the society, Journal of Innovative Professional Science & IT (JIPSIT), ISSN No. 2348-6619, Vol-5, Issue-1, pp-22-26, January 2018

12. MoUs signed

S l o	MoU signed with
1	MoU with SACAL, Berhampur, Odisha
2	MOU with Robert Bosch Engg & Buss Sol PVT LTD
3	MOU with Royal Melbourne Institute of Technology (RMIT) MOU
4	MOU with Himalaya Drug company with CUTM
5	MOU with Himalaya Drug company with GramTarang Food
6	MoU with Tessolve Semiconductor, Bangalore
7	MoU with CIFA, BBSR
8	MoU with Veative Labs, New Delhi
9	MoU with Sabuja Biplav NGO, Odisha
10	MoU with ICAR for women farmers focused technical collaboration.
11	MoU with CDAC (Centre for Development of Advanced Computing), Govt. of India
12	MoU with Festo India Pvt. Ltd.
13	MoU with ICAR-CIFA,BBSR
14	MOU with SELCO, Bangalore
15	MOU with eFresh Agribusiness Solutions PVT. Ltd., Hyderabad

1 6	MOU with Gram Tarang Employability Training Services Private Limited
1 7	MOU with Western Sydney University, Australia
1 8	Agreement Paper of GOL & Hi
1 9	MOU WITH NTI MANAGE, HYDERABAD
2 0	MOU WITH BBIO, GUJARAT
2 1	MoU with Dassault Systemes Foundatin , Mumbai with MSSSoA
2 2	Mou with Canada - India -CICE -
2 3	MoU with Kailash Fisheries and Aquatis, Mayurbhanj, Odisha
2 4	MoU with Swasthya Swaraj Society , Bhawanipatna
2 5	MoU with Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam

26	MoU with Siksha 'O' Anusandhan, Bhubaneswar
27	MoU with Vision Eye Hospital, BBSR
28	MOUs with NRRI & CUTM
29	MoU with Indian Institute of Water Management (IIWM), BBSR
30	MoU with Biological E, Limited, Hyderabad
31	MoU with NSDL Database Management, Ltd.
32	MoU with ORMAS, Bhubaneswar.

13. Special Achievements

Paralakhemundi Campus	
S l . N o .	Details
School of Management	
1	.Dr .Thomas Jakosben from NTNU, Norway and Dr Rashmi Ranjan Parida jointly designed the Syllabus for Sustainable Entrepreneurship Programme at Centurion University with active support from Dr Haribandhu Panda, Dr Smita Mishra Panda And Dr Supriya Patnaik during The Month of June, 2018.
2	Awarded by ICSSR as Programme Director to conduct Capacity Building Programme in February, 2019
3	Prof. Prajna Pani, Life-time Member, Global Association for Humanities and Social Science Research: GAHSSR-M1684
4	Dr. Rashmi Ranjan, Life-time Membership, International Society for Research and Development., Membership ID : SR4150900404
5	Prof. Prajna Pani was appointed as the Editor of the Journal CETRA.
AG Engineering	
1	Dr. B. P. Mishra, Invited in BRAC University, Bangladesh
2	Dr. B. P. Mishra, Invited as a speaker at 2 nd International conference on Business of Management (ICBM-2019)
Civil Engineering	
1	Prof. Prafulla Kumar Panda Received award "Award for Creative Invention" in "Research Excellence and Academic Awards" 2018, From CSERD
M S Swaminathan School of Agriculture	
1	A text book on Agricultural waste management an elective subject for B.Sc agriculture students having 144 pages dated 2019 was published by M.Devender Reddy, Mandapati Roja and Ch Deepthi of Agronomy Department, MSSSOA, CUTM through Kalyani publishers, New Delhi.

2	“Role of MGNREGA in Livelihood Generation" has been published and book launch ceremony will be held on 09.02.2019.Special reduction offer will be provided to buyer. by Lambert Academic Publishing.
3	Flower enterprises: An alternative option for generating income and livelihood. Associated Asia research foundation.
4	LOI of MSSSoA, CUTM for Accreditation has been accepted by ICAR
5	SSR of MSSSOA, CUTM submitted and Inspection will be in March 2019
6	National Award ‘AIASA Institute of Excellence-2017’ to Centurion University of Technology and Management, on all India nomination basis. The National Award will be presented by Hon’ble Chief Minister, Govt. of Assam as Chief Guest on inaugural session of 3 rd National Youth Convention on “Transforming Agriculture for Agripreneurship & Employment Opportunities: The Youth Perspective” on 23 rd

	February 2018 at Jorhat (Assam).
7	B.Sc.(Hons.) Horticulture started.
8	MoU's with BenchBio Pvt.Ltd., e-fresh, Himalaya drugs, ICAR-CIWA, NRRI-Cuttack, Kailash Hatchery, Sabuja Biplav, GOI and HI, Dassault systems foundation, MANAGE
9	Handbook by Deb, A. (2018, October). <i>An illustrated Handbook for Watershed Workers (DharaSevakerHaatboi)</i> . Ford Foundation, West Bengal Government, Prasari- Rajarhat, 1-30.
10	Manual by Deb, A. (2018). <i>Extension teaching materials: A reference manual</i> . Centre for World Solidarity, Jharkhand. 1-50.
11	Book on Rural and Tribal Issues: In regional language by Deb, A. (2018). <i>Saga of Village: A book of transect walk (Pothjayepayethemey)</i> . Kolkata, West Bengal: Chitrangi. ISBN 9789385782411
12	Book chapter by Dr.Shimantini Borkataki – Book – Applied Entomology and Zoology Resistance evolution in insect pests and pathogen(71-94)
13	How to increase the farmers income – Book chapter in Hindi by Dr.Prabhat Kumar Singh
14	More than 20 Adjunct Professors joined in MSSSOA from different parts of the country
15	Dr.Sagar Maitra Book written Agricultural Heritage,A. Zaman and SagarMaitra, Palm View Publication, Kolkata, August, 2018; ISBN:978-81-932912-7-6 Book Edited Cutting Edge Technologies for Agricultural Sustainability (Eds. A. Zaman and SagarMaitra), published by New India Publishing Agency, New Delhi, July 2018; ISBN: 978-93-87937-28-2

Computer Science Engineering

1	Priyanka Agrawal, faculty, has cleared NET in June 2018
2	Shweta Patnaik, faculty, has been appointed as Guest Faculty for IGNOU by SKCG, Paralakhemundi
3	Sashi Bhusan Maharana, faculty, has been appointed as Guest Faculty for OSOU by SKCG, Paralakhemundi
4	P Swaroop Kumar, student of 6 th semester got 1 st prize in project expo on 15 th August 2018
5	Debasish Mohanty, student of 8 th semester got 1 st runner-up in Gaming Hackathon
6	Babita Mahapatra, student of 6 th semester got 1 st prize in English debate organized by DIPRO, Gajapati on occasion of Vigilance Awareness Week

Mechanical Engineering

1	29 students obtained NDT- 2 level certification In Ultrasonic Testing of welds. Certification valid for 5 years. Program conducted 2Dec to 10 Dec 2018
2	Mr. Amrit Mallick-1. One day Symposium “One day Symposium on “Enabling Control System Technology for Challenging Aerospace Systems”,at CIT,BBSR on 24 th February 2018.

	<ul style="list-style-type: none"> Faculty Development Program (FDP) on Digital Manufacturing Dassult Systems, conducted by CUTM Dt june 26th-27th2018
3	<p>Mr.Sujit Mishra-</p> <ul style="list-style-type: none"> FDP Program and training on Electric Vehicle (EV) from Imperial Society of Innovative Engineers from 26th Nov to 2nd dec, 2018 at CUTM, PKD. Workshop on SIMULIA conducted from Dassult System from 16th to 18th,2018 oct at CUTM,AP campus Workshop on System Engineering conducted from Dassult System from 3rd to 5th oct ,2018at CUTM,PKD Workshop on Basic MATLAB and Model-Based Design using Simulink conduted at CUTM,PKD from 26 Sep 2018 to 29 Sep 2018. Skill development program on Go-To-Market kick-off from Dassult System conducted on 26sept 2018,CUTM,PKD Faculty Development Program (FDP) on Digital Manufacturing Dassult Systems, conducted by CUTM Dt june 26th-27th2018 One day Symposium “One day Symposium on “Enabling Control System Technology for Challenging Aerospace Systems”,at CIT,BBSR on 24th February 2018. Faculty Development Program (FDP) on Computational Fluid Dynamics (CFD),SASTRA University,Thanjavur Tamil Nadu from 12th june 2017 to 17th june 2017. Participation In 3 days training program on Yamaha 2 wheeler maintenance at CUTM,BBSR from 19th june to 21st june 2017. A five day short term course on CFD Analysis of heat Transfer and Fluid flow problems using FEM & FVM from 3rd July2017-7th July 2017, IIT(ISM) Dhanbad.
4	<p>Mr. Suman Pandipati</p> <ul style="list-style-type: none"> Faculty Development Program (FDP) on Digital Manufacturing Dassult Systems, conducted by CUTM Dt june 26th-27th2018
5	<p>Mr. Santosh Patro</p> <ul style="list-style-type: none"> Faculty Development Program (FDP) on Digital Manufacturing Dassult Systems, conducted by CUTM Dt june 26th-27th2018
6	<p>Mr. Sudhanshu Shekhar Sahu</p> <ul style="list-style-type: none"> Faculty Development Program (FDP) on Digital Manufacturing Dassult Systems, conducted by CUTM Dt june 26th-27th2018
7	<p>Mr. Satya Brata Nayak</p> <ul style="list-style-type: none"> Faculty Development Program (FDP) on Digital Manufacturing Dassult Systems, conducted by CUTM Dt june 26th-27th2018
8	<p>Ms. G. Sridevi-1. AICTE_ISTE Sponsored One Week Induction Programme On "Advances in Hybrid Polymer Composite Engineering and Applications"held at ANITS,VSKP from 11th to 16th june2018</p> <ul style="list-style-type: none"> FDP Program and training on Electric Vehicle (EV) from Imperial Society of Innovative Engineers from 26th Nov to 2nd dec, 2018 at CUTM, PKD.
9	<ul style="list-style-type: none"> Mr Kagesh- Faculty Development Program (FDP) on Digital Manufacturing Dassult Systems, conducted by CUTM Dt june 26th-27th2018

14. Special Achievements

Bhubaneswar Campus	
S l . N o .	Details
ECE	
1	Ms. Swarna Prabha Jena and Mr. Subrat Kumar Pradhan were invited by OSDA as JURY to evaluate at the World Skill Competition 2018 for the events on date 29 th and 30 th April 2018
Civil	
1	Mr. Kamal Kumar Barik completed his Ph.D in 18 th OCT 2018

15.

(i) SCHOLARSHIP FOR 2018-19

Paralakhemundi CAMPUS		
Name of the Scholoship	No. of the Students	Amount
Medhabruti	255	Rs.25,50,000/-
Prerana	205	Rs.41,83,000/-
Ekalyan Scholarship	18	Rs.2,88,000/-
National Scholarship	22	Rs.5,50,000/-
School of Management		
Name of the Scholoship	No. of the Students	Amount
Prerana Scholarship	4	Rs.2,09,300/-
Rayagada Campus		
Name of the Scholoship	No. of the Students	Amount
Prerana Scholarship	112	Rs.34,37,000/-

(ii) SCHOLARSHIP FOR 2018-19

Bhubaneswar Campus		
SCHOLARSHIP FOR 2018-19		
Name of Scholarship	No. of the Students	Total Amount Received
Prerana Scholarship	173	Rs.61,03,429/-
Medhabruti Scholarship	66	Rs.6,60,000/-
National Scholarship	7	Rs.2,10,000/-

16. Infrastructure

Paralakhemundi campus	Bhubaneswar Campus
Construction work during 2018:- Total area of 7169 sqft has been constructed.	Construction work during 2018:- Total area of 50,000 sqft has been constructed.

17. Future construction Plans

Paralakhemundi campus	Bhubaneswar Campus
1. New admin block:- 20000 sqft	1. VC's Office Building (G+4) – 9000 sqft plinth area. 2. Hotel Management Building – 7000 sqft plinth area (G+4)

18. CSR Activities

CSR @ Paralakhemundi Campus		
Date	Activity	Description
7.04.2018	E Waste Management Workshop	The workshop was organised by Team Clean e Bhubaneswar to generate awareness for sustainable e waste management practice where 200 students participated
21.06.2018	International Yoga Day	As per UGC guideline, the international yoga day was celebrated in the PKD campus inaugurated by Prof Supriya Pattanayak, DVC, CUTM. The yoga session was facilitated by Prof Sibakripa Bose, Chief Mentor, CUTM
20.05.2018-31.07.2018	Swachchata Internship	60 students from different branches registered for Swachh Bharat Summer Internship under UGC where all the participants got 2credits and cash prize to best three interns
6.07.2018	Vanmohatsav	A cleanliness drive and a plantation drive was organised in the campus. 100 numbers of NSS volunteers and CSR coordinators participated in this event
15.07.2018	Visit To Vivekananda Ashram	NSS volunteers visited Vivekananda Ashram at S Uruda where 30 orphans are residing. The volunteers distributed food and stationary items to them and spent valuable time.
21.07.2018	Blood Donation Camp	51 units of blood donated by students, faculty and staff. The camp was organised by Youth Red Cross and inaugurated by Dr Anita Patra, Registrar and Prof Anurag, Pro VC
31.07.20	Orientation Prog For Bsc Agri	

18		
6.08.2018 - 14.08.2018	Competitions On Occasion Of Independence Day	Different Competitions like debate, essay, painting and poster were conducted on the eve of Independence Day
15.08.2018	Kabbadi Match	Total 8 teams participated and 12 league matches were played among the students of different branches.
19.08.2018	Nss Navajeevan Visit	NSS volunteers visited Navajeevan orphanage on the eve of World Humanitarian Day where 50 orphans are residing. The volunteers served lunch, cake cutting and chocolate distribution

		and they spent valuable time.
15.0 8.20 18	Independence Day Celebration	72nd Independence Day was celebrated in the campus in the midst of heavy rain and lightening. Prof Anurag was the Chief Guest on this occasion. Different Platoons marched past on this occasion.
17.0 8.20 18	Candle Rally	
26.0 8.20 18	Plantation Drive	On the occasion of Raksha Bandhan, Students tied Rakhis to the plants and saplings with an oath to protect them with their best effort.
26.0 8.20 18	Visit To Jagannath Niketan	The girls visited Jagannath Niketan and tied rakhis to the orphan children, distributed sweets and spent valuable time with them.
06.0 9.20 18	Csr Cultural Fest	The inauguration of CSR cultural fest was organised on 6th September where the students from Dance Club and Music club performed on the stage.
08.0 9.20 18	International Literacy Day	Youth Red Cross organised a Literacy Drive on the occasion of International Literacy Day. ³² YRC volunteers were engaged in this drive. They organised debate and essay competition.
13.0 9.20 18	Ganesh Puja	The Ganesh Puja was celebrated in the campus at Sri Vidya Venketeswar Temple in a grand way. This was organised with the help of CSR team
17.0 9.20 18	Viswakarma Puja	The Viswakarma Puja was celebrated in the campus at Sri Vidya Venketeswar Temple in a grand way. This was organised with the help of CSR team
22.0 9.20 18	Blood Donation Camp	60 units of blood donated on Rose Day. Organised by Youth Red Cross
01.1 0.20 18	National Blood Voluntary Day	A blood donation camp was organised at the District Head Quarter Hospital, Gajapati inaugurated by CDMO. 15 students from our university donated blood.
02.1 0.20 18	Mega Cleanliness Drive	A mega cleanliness drive Swacch Bharat was organised on occasion of Gandhi Jayanti. More than 200 students participated in the event.

10.1 1.20 18- 12.1 1.20 18	Yrc Camp	The District level study cum training camp for YRC volunteers and Counsellors organised in the campus where 18 colleges from gajapati district participated. Around 150 students alongwith counsellors participated.
11.1 1.20 18	Blood Donation Camp	As a part of District level YRC camp a blood donation camp was organised on the 2nd day. 30 students donated blood.
07.1 2.20 18- 08.1 2.20 18	Dance Workshop	A dance workshop was organised for the students. Ms Debasmita Patnaik, Trained dancer facilitated the session. More than 100 students participated.

19. CSR Activities

CSR @ Bhubaneswar Campus		
Date	Activity	Description
11-08-2018	Madhur Mayee Adarsh Siksha Niketan	We Went To The Place Some Activities Cum Competitions Were Conducted And Spend Some Time With The Children .
15-08-2018	Independence Day	Flag Hosting Was Done And Parade Was Performed Along With Prize Distribution Was Done.
25-08-2018	Raksha Bandhan	Raksha Bandhan Was Celebrated And Rakhi Was Tied To The Persons Responsible For Thr Security.
25-08-2018	Health Check-Up Camp	Health And Vision Chekup Was Done By The School Of Pharmacy And Life Science ,Paramedics & Allied Health Sciences
29-08-2018	National Sports Days	Micro Marathon Race On Campus Was Conducted
01-09-2018	Street Play & Flash Mob@ Mission "Swachh Centurion-Swasth Centurion"	Street Play And Flash Mob Was Orgnised Under Swachh Centurion (Movement Against Pan,Gutkha,Tobacco And Alcohol).
05-09-2018	Teacher's Day	Teachers's Day Was Celebrated Activities Like Play ,Group Song Was Done .
08-09-2018	Adrut Children's Home	Visted Childrens Home And Activities Cum Compitions Like Lemon Spoon Race,Quiz,Dance Etc Was Conducted .
13-09-2018	Ganesh Puja	Ganesh Puja Held On Aryabhata Building Prashad Distribution Was Done To 927 Students.
15-09-2018	Engineer's Day	Engineers Day Was Celebrated At The Main Building And Dr. Supriya Pattanayak,Pprof. Jagannath Padhi And Dr. Prasant Kumar Mohanty Motivated Everybody With Their Speech
17-09-2018	Viswakarma Puja	Viswakarma Puja Was Held At The Integrated Skill Development Building In The Campus Prasad Distribution Was Done To 1100 Students
18-09-	Eco-Craft Workshop	Eco-Craft Workshop Was Conducted Under The Initiative Waste To Wealth Innovation Where Participants Were Tought To Make Handcraft

2018		By Using Different Kinds Of Waste.
29-09-2018	Mega Voluntary Blood Donation Camp	On Occation Of Surgical Strike Day Mega Voluntary Blood Donation Camp We Donated Record Braking 382 Blood Donation
01-10-2018	Observance Of National Voluntary Blood Donationday On 1st October2018	Students Participated In The Mass Rally To Promote Voluntary Blood Donation.
02-10-2018	Gandhi Jayanti	Homage Was Payed To The Great Leader Gandhiji & Activities Like G.K And Quiz Was Conducted .
30-10-2018	Sustainable Enterprise Award	Jagruti Yatra And Coca Cola Presented Awards

		To The Entrepreneurs
30-10-2018	Run For Unity	Students Participated In The Run For Unity Marathon From Mancheswar Railway Station To East Cost Railway Auditorium .
01-11-2018	Debate Competition For District Vigilance Awareness Week 2018	On The Occation Of Vigilance Awareness Week Indian Oil Corporation Limited Conducted A Debate Competition And Prize Distribution Was Done To The Winners
06-11-2018	Bring Smile On Someone's Face This Diwali	Students Went To Mission Ashra Along With 50 Plant Saplings And Planted Them Inside The Campus Spreading Awareness About Eco-Friendly And Green Diwalali.
09-11-2018	National Education Day	Essay Writing Competition Was Conducted On This Day
13-11-2018	Competitions On The Occasion Of Energy Conservation Day	Different Competitions On The Day Was Held At Madhusudan Building
14-11-2018	Awareness Camp On World Diabetics Day	A Group Of Students From Applied Science Did Awareness Campaign Throughout The Campus.
01-12-2018	World Aids Day	Students Participated In The Mass Orgnised By Osacs From Exhibition Ground (Ekamara Hat) To Jayadev Bhawan.
01-12-2018	6th Convocation Memories	6th Convocation Was Conducted In The Pkd Campus
05-12-2018	Centurions On International Volunteers Days	Students Participated In The Competitions Like Quiz,Debate,Painting Etc Organised At Red Cross
07-12-2018	City Changer Lab Innovative & Workable Ideas Models To Improve Urban Living.	Bmc Competitions Where Students Participated And Won The Prizes.
09-12-2018	Waste To Wealth Innovation Initiative At Bhubaneswar Patho Utsav. Ph-1	Oganized Every Sunday Where Students Make Art Out Of Waste Paper Phase-I .
11-12-2018	International Story Telling Event	International Story Teller Ms. Wangari Grace From Kenya Visited The Campus And Told Stories In Her Unique Way
15-12-2018	.Fest (Bbsr City Festival)Promotion Events	Promoters Visited The Campus For Promotion Of .Fest At Bbsr
16-12-	Waste To Wealth Innovation Initiative At	Oganized Every Sunday Where Students Make Art Out Of Waste Paper Phase-I .

2018	Bhubaneswar Patho Utsav. Ph-2	
24-12- 2018	Guest Speaker Invitation From Centurion University Of Technology & Management For A Talk By Dr. Sruti Mohapatre .	Dr. Shruti Mohapatra Visited The Campus And Guided The Entrepreneurs .

20. PLACEMENT INFORMATION – 2018-19

Branch wise Placement Information 2018-19 2018-19 pass out Batch

S l. N o. .	Branch	Total Eligible	No. of students selected
1	Civil	71	8
2	CSE	88	25
3	ECE	66	45
4	EEE & EE	46	5
5	Mech	170	115
6	Management	82	66
Total Selected		523	264

- **School of Engineering and Technology**
Companies visited for 2018-19 PASS OUT BATCH

S r. N o. .	D a t e	Company Name	Total No. of Offer s
1	6-Jan-2017	Gateway Techno Lab	7
2	31-Jan-2017	Dorma	6
3	29-Jun-2017	Mps Ltd	4
4	12-Jul-2017	Mindtree Ltd	2
5	22-Jul-2017	Vyom Lab	2
6	18-Sep-2017	Stanadyne India Pvt Ltd	20
7	21-Sep-2017	Ux Reactor	1
8	22-Sep-2017	Surya International	1
9	7-Oct-2017	Sectronics	2
10	13-Oct-2017	Riaxe Systems	8
11	14-Oct-2017	Kalisama Steel	16
12	23-Oct-2017	Alkraft Thermotechnologies	10

1 3	23-Oct- 2017	Des	6
1 4	16- Nov- 2017	Train To Prosper	3
1 5	23- Nov- 2017	Think & Learn Pvt. Ltd. (Byju's)	2
1 6	8-Dec- 2017	Etech Global Service	5
1 7	22-Dec- 2017	Radheya Machining Limited	40
1 8	27-Dec- 2017	Dassault Systemes	3
1 9	12-Jan- 2018	Collabera Technology	3
2 0	19-Jan- 2018	Justdial Ltd	6
2 1	10-Feb- 2018	Nemhans Solutions Pvt. Ltd	21
2 2	10-Apr- 2018	Kaleesuwari Refinery Pvt Ltd	3
2 3	18-Apr- 2018	Apssdc	11
2 4		Hcl	3

25		Infosys Ltd	1
26		Laxmi Plastics & Fabricators	1
27		Mahindra Electric	2
28		Rungta Mines Barbil Odisha	1
29		Western Refrigeration	6
30		Wheels India	2
Total			198

- School of Management (MBA)
Companies visited for 2018-19 PASS OUT BATCH

S r. No.	Date	Name of Company	No. of qualified students
1	19-Jul-2017	Appeal Group	4
2	18-Aug-2017	Evos buildcon	2
3	30-Aug-2017	Shriram Movers & Packers	1
4	16-Oct-2017	Go Speedy Go	15
5	15-Nov-2017	Berger Paints Ltd.	0
6	16-Nov-2017	Train to Prosper	2
7	20-Nov-2017	S & P Global	0
8	21-Nov-2017	Capital First	0
9	8-Dec-2017	E Tech Solutions	1
10	13-Dec-2017	Jaro Education	0
11	1-Jan-	Ultratech Cement	0

1	2018		
1 2	6-Jan- 2018	Axis Bank Ltd.	0
1 3	19-Jan- 2018	JustDial	3
1 4	29-Jan- 2018	Pasupati Group	5
1 5	2-Feb- 2018	Asian Heart Institute	1
1 6	12- Feb- 2018	Face Academy	0
1 7	21- Feb- 2018	Vodafone	0
1 8	14- Mar- 2018	Samasta Microfinance	7
1 9	20- Mar- 2018	Muthoooot Microfin	16
2 0	14- Apr- 2018	Future Generali	4
2 1	15- Apr- 2018	Sahi Export	5
		Total	66

TRAINING ACTIVITIES 2018-19

Training Programs Organized during 2018-19

1. Career Counselling and training by Internal Resource persons for technical training & Soft Skills by:

Top Most companies accommodating for Summer Training during the session 2018- 19.

S L N O	BRAN CH	COMPANY/ORGANIZATION
1	CE	Nagarjun Construction Corporation L&T Construction RKD Construction Diversified Energy Solutions Pvt Ltd Z Estate Srusti Builders Pvt. Ltd VATECH WABAG LIMITED, OWSSB, OISIP JICA PROJECT
2	CS E	Airport Authority of India Tata Steel TCS Gateway Techno Lab Riaxe Systems Pvt Ltd ETech Global Solution
3	EC E	BSNL Indian Railway Airport Authority of India NALCO, Tata Steel Nemanhans Solution
4	EE E	Indian Railway Airport Authority of India NALCO Tata Steel Ltd
5	EE	Bhushan Power & Steel Limited Airport Authority of India NTPC OHPC OPTCL RSP Talcher Thermal Power Plant
6	Mech anical	Tata Motors Ltd Tata Steel Ltd Bhushan Power & Steel Limited Airport Authority of India Steel Authority of India Limited NTPC RSP HAL

List of training Activity

S L	Dates	Name of the activities	Remarks
1	14 th May 2018 19 th May 2019	Summer Immersion “Aptitude and English” – 2018	Conducted by Prof. V Srikanth
2	9 th May 2018 12 th May 2018	Summer Immersion “English” Workshop – 2018	Conducted By Internal Team
3	9 th May 2018 12 th May 2018	Summer Immersion “GD & PI” Workshop – 2018	Conducted By SMT
4	15 th Jan 2018 30 th Mar 2018	Customized Training Program for B.Tech and MBA Students	Conducted By Internal Team
5	5 th Mar 2018 30 th Mar 2018	Career Counselling	Conducted By SMT
6	2 nd July 2018 7 th Sep 2018	Customized Training Program for B.Tech and MBA Students	Conducted By Internal Team
7	29 th Mar 2018	First Naukri Aptitude Test (FNAT-2019)	Conducted By First Naukri.com and Internal Team
8	5 th April 2018	AMCAT Assessment 1	Conducted By Aspirin minds and Internal Team
9	19 th July 2018	AMCAT Assessment 2	Conducted By Aspirin minds and Internal Team
10	22 nd Feb 2018	CoCubes Employability Test	Conducted By CoCubes and Internal Team.
11	14 th Oct 2018 17 th Oct 2018	CoCubes 7-DCT Series (Diagnostic Career Test)	Conducted By CoCubes and Internal Team

1 2	1 st Nov 2018	CoCubes 1 st Assessment Test	Pre-	Conducted By CoCubes Internal and Team
1 3	2 nd Jan 2018 30 th Mar 2018	Personality Development Practice		Conducted By al Intern Staff
1 4	2 nd July 2018 10 th Oct 201	Personality Development Practice		Conducted By al Intern Staff
1 5	2 nd July 2018 10 th Oct 201	Aptitude & er Care Enhancement -1		Conducted By al Intern Staff

21. BUDGET EXPENDITURE – 2018-19**i. PARLAKHEMUNDI CAMPUS – 2018-19**

Head of Accounts	Monthly Budget	Annual Budget
------------------	----------------	---------------

Total Receipts

Student Related Fees	433.33	520 0.0 0
Other Receipt	10.00	12 0.0 0
Total Receipts	443.00	532 0.0 0

Revenue Budget

Salary Staff (Teaching)	100.00	1200.00
Salary Staff (Non-Teaching)	25.00	300.00
Campus Maintenance	10.42	125.00
Fuel & Maintenance	15.00	180.00
Generator Fuel	2.00	24.00
Guest Hospitality	1.75	21.00
Travel & Conveyances (TA+DA) etc	6.25	75.00
Training & Placement & Staff Development	5.83	70.00
Lab Consumables	0.83	10.00
Admission Expenses (includes Mobilisation)	5.83	70.00
Advertisement	10.42	125.00
Other Academic Expenses	54.17	650.00
Printing & Stationery	2.08	25.00
Electricity & Power	10.00	120.00
Other Administrative Cost	29.17	350.00
Interest on Loan	16.67	200.00
Food Cost (Student)	30.83	370.00
Internet	2.29	27.50
Honorarium (visiting faculty)	3.33	40.00
Contingency	9.17	110.00
Total Revenue Budget	341.04	4092.50
Capital Budget		
Principal Payments	35.42	425.00
Short Term Loan	0	0
Margin Money	10.00	120.00
Other Fixed Cost	50.00	600.00
Total Capital Budget	95.42	1145.00

Total Budget	436.46	5237.50
Net Budget Surplus / (Deficit)	6.87	8 2 . 5 0

ii. JATNI CAMPUS – 2018-19

Head of Accounts	Monthly Budget	Annual Budget
<u>Total Receipts</u>		
Student Related Fees	425.00	5100.00
Other Receipt	8.33	100.00
Total Receipts	433.33	5200.00
<u>Revenue Budget</u>		
Salary Staff (Teaching)	51.67	620.00
Salary Staff (Non-Teaching)	50.83	610.00
Campus Maintenance	8.33	100.00
Fuel & Maintenance	11.00	132.00
Generator Fuel	0.83	10.00
Guest Hospitality	3.75	45.00
Travel & Conveyances (TA+DA) etc.	12.50	150.00
Training & Placement & Staff Development	0.03	0.40
Lab Consumables	0.03	0.40
Admission Expenses (includes Mobilisation)	20.83	250.00
Advertisement	16.67	200.00
Other Academic Expenses	29.17	350.00
Printing & Stationery	0.92	11.00
Electricity & Power	6.42	77.00
Other Administrative Cost	27.59	331.00
Interest on Loan	33.33	400.00
Food Cost (Student)	23.33	280.00
Internet	0.42	5.00
Honorarium (visiting faculty)	3.67	44.00
Contingency	0	0
Total Revenue Budget	301.28	3 6 1 5. 3 6
<u>Capital Budget</u>		
Principal Payments	70.83	850.00
Short Term Loan	0	0
Margin Money	41.67	500.00
Other Fixed Cost		
Total Capital Budget	112.50	1 3 5

		0. 0 0
Total Budget	413.78	49 65 .4 0
Net Budget Surplus / (Deficit)	19.55	23 4. 60

iii. CUTM (JATNI+PARLAKHEMUNDI) CAMPUS – 2018-19

Head of Accounts	Monthly Budget	Annual Budget
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Total Receipts

Student Related Fees	75.00	900.00
Other Receipt	95.83	1150.0
Total Receipts	170.83	2050.00

Revenue Budget

Salary Staff (Teaching)	25.00	300.00
Salary Staff (Non-Teaching)	0	0
Campus Maintenance	0	0
Fuel & Maintenance	0.04	0.50
Generator Fuel	0	0
Guest Hospitality	0	0
Travel & Conveyances (TA+DA) etc	7.92	95.00
Training & Placement & Staff Development	33.33	400.00
Lab Consumables	0	0
Admission Expenses (includes Mobilisation)	5.83	70.00
Advertisement	8.33	100.00
Other Academic Expenses	6.25	75.00
Printing & Stationery	0.52	6.20
Electricity & Power	0.75	9.00
Other Administrative Cost	12.50	150.00
Interest on Loan	0.08	1.00
Food Cost (Student)	0	0
Internet	0.04	0.50
Honorarium (visiting faculty)	3.00	36.00
Contingency	1.25	15.00
Other Cost (Project Related Cost)	41.67	500.00
Total Revenue Budget	146.52	1758.20
<u>Capital Budget</u>		
Principal Payments	3.79	45.54
Short Term Loan	0	0
Margin Money	0	0
Other Fixed Cost	16.67	200.00
Total Capital Budget	20.46	245.54

ANNUAL REPORT

2017-18



Annual Report

2017-18



Centurion
UNIVERSITY

Shaping Lives...
Empowering Communities...

Centurion University of Technology & Management



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Background

Centurion University of Technology and Management started with the belief that higher education must lead to holistic development of people through meaningful employment and entrepreneurship. It owes its existence to inclusive, appropriate and relevant education and academic deliveries, which use the tripod of *hands on knowledge, practice oriented learning and experience linked pedagogy*. Gradually, the university has moved towards development of skilled graduates who are sought in the market, society and government.

Since the school education in the region was and still is of poor quality and there were large scale school dropouts, it became the first partner of National Skill Development Corporation (NSDC), Government of India, with a focus on Skills Development and Livelihood linked Education. To ensure that the graduates get gainful employment, the University started imparting skill integrated higher education in all its schools. The university is founded in the model of building skill in all levels of education. The DNA of Centurion University is to award competency linked Degrees by converging *teaching – training – production*.

To bridge the gap between industry and academia, CUTM works closely with industries in teaching, training, consulting and research. Some of the industry partners include Rural Electrification Corporation (REC), Power Grid Corporation of India Ltd (PGCIL), Odisha Power Transmission Corporation Ltd. (OPTCL), SELCO, Schneider Electric; Ashok Leyland, Volvo, Eicher, Hyundai, Yamaha, Bharat Earth Movers Ltd. (BEML); National Aluminum Co. Ltd. (NALCO), Vedanta, Jindal, Utkal Alumina, Steel Authority of India Ltd. (SAIL), Hindustan Petroleum Corporation Ltd. (HPCL); Godrej and Boyce; CISCO, Mind tree; OBC, Canara Bank, Allahabad Bank, Union Bank, Central Bank of India, Axis Bank, SIDBI; Café Coffee Day (CCD), Gap Foundation, Odisha Police Housing Corporation (OPHWC), Australian Sports Commission, etc.

The University with its constituent campuses have area of 120 acres of land (Campus – I: 79.042 acres, Campus – II: 40.883 acres and rest at other locations) and 2.75 lakh square feet of built-up area. It has more than 6000 students in graduate and postgraduate programs and over 15000 students in vocational programs. It has residential facility for 80% students and 50% faculty and staff. The University has well equipped learning laboratories, workshops, library, sports and health facilities.

The University is organized in the form of Schools, such as M S Swaminathan School of Agriculture (MSSSOA), School of Applied Sciences (SOAS), School of Engineering and Technology (SOET), School of Management (SOM), School of Vocational Education & Training (SVET), School of Pharmacy and Life Sciences (SPLS), School of Paramedics & Allied Health Sciences (SOPAHS), Institute of Knowledge Society (IKS), and the Centurion University Centre for Renewable Energy and Environment (CUCREE).

CUTM believes in dynamic engagement with its stake holders and communities at large. To achieve this purpose, the University has incubated many social enterprises, social entrepreneurs, and outreach entities under the umbrella of Gram Tarang. Its incubated organizations work in the area of skills, financial inclusion, urban micro-business services, entrepreneurship, tribal development, food processing and agriculture. It includes Gram Tarang Employability Training Services (GTETS), Gram Tarang Inclusive Development Services (GTIDS), and Gram Tarang Foods (GTF), Urban Micro-Business Centre (UMBC),



Last Mile Supply Company (LMSC) and Ratnakar Bank (RB). GTETS, GTIDS, GTF and LMSC are registered as for-profit private company under Company Act. UMBC and LMSC are registered as Section 8, not-for-profit Company. RB is registered as a Non-Banking Finance Company (NBFC). The reaches of these organisations span across India and they provide learning labs to the students and faculty of the University.

Administrative Setup

Designation	Name
President	Prof. Mukti Kanta Mishra
Vice President	Prof. D. N. Rao
Vice Chancellor	Prof. Haribandhu Panda
Deputy Vice Chancellor	Prof. Supriya Pattanayak
Pro Vice Chancellor	Prof. Ardhendu Mouli Mohanty
Pro Vice Chancellor	Prof. Anurag
Registrar	Prof. Anita Patra
Director of Examinations	Brig. H.K. Sahu (Retd)
Dean, Academic Affairs	Prof. M. L. Narasimham
Dean – School of Engineering & Technology, PARALAKHEMUNDI Campus	Prof. B. P. Mishra
Dean, School of Applied Sciences	Prof. Ashok Misra
Dean, School of engineering & Technology, BBSR Campus	Prof. Prasant Kumar Mohanty
Dean, School of Management, BBSR Campus	Prof. K.V.D. Prakash
Dean, Academics, MSSSoA	Prof. M. Devendra Reddy
Director, Research & Extension, MSSSoA	Prof. K Prasad Rao
Dean Administration, MSSSoA	Prof. Satya Prasad Nanda
Dean, R&D, PARALAKHEMUNDI Campus	Prof. P. S. Rao
Director, Institute of Knowledge Societies	Prof. Chandrabhanu Patnaik

PGP Coordinator, School of
Management, Paralakhemundi
Campus

Prof. Rashmi Ranjan
Parida

Director, BBSR Campus	Prof. Jagannath Padhi
Director, Rayagada Campus	Mr. Rajesh Kumar Padhi
Director, Bolangir Campus	Mr. Pradeep Kumar Sadangi
Dean, Student Affairs, PARALAKHEMUNDI Campus	Prof. Susant Kumar Patnaik
Dean, School of Vocational Education and Training. PARALAKHEMUNDI Campus	Prof. Mir Sadat Ali
Dean, School of Basic Sciences, BBSR Campus	Prof. S. K. Biswal
Dean, IQAC, BBSR Campus	Prof. Subrata Sarangi
Director Research initiative & Ph.D. Programme Coordinator, Management & Humanities (BBSR Campus)	Prof. Smita Mishra Panda
Dean, Sports, BBSR Campus	Prof. Rabi Narayan Routray
Director, Sports, Paralakhemundi Campus	Prof. Govindarao Itraju

Vice Chancellor's Report

Teaching and Non-Teaching Staff (New Recruitment) during the Year 2017-18

Branch	Paralakhemundi Campus		JATNI Campus		Total Teaching	Total Non-Teaching	Grand Total
	Teaching Staff	Non-Teaching Staff	Teaching Staff	Non-Teaching Staff			
CSE	-	-	1	1	1	1	2
ECE	-	-	-	-	-	-	0
EEE	-	-	-	-	-	-	0
Mechanical	5	-	1	-	6	-	6
Civil	1	3	-	-	1	3	4
Chemical	1	-	-	-	1	-	1
Ag. Engg	3	1	-	-	3	1	4
School of Management	1	-	-	-	1	-	1
Diploma Engg.	5	-	8	-	13	-	13
School of Applied Sciences	-	-	10	-	10	-	10
Basic Sciences	2	2	-	-	2	2	4
NSDC	-	14	-	-	-	14	14
Mines	-	-	4	-	4	-	4
IKS	-	-	2	-	2	-	2
SAPAD	-	-	3	-	3	-	3
School of Disaster Management	-	-	-	2	-	2	2
Others (Sports/CUC RE E)	-	1	-	-	-	1	1
Training & Placeme	-	2	-	6	-	8	8

nt							
HR & Admn.	-	2	-	-	-	2	2

Teaching and Non-Teaching Staff (New Recruitment) during the Year 2017-18

Branch	Paralakhemundi Campus		JATNI Campus		Total Teaching	Total Non-Teaching	Grand Total
	Teaching Staff	Non-Teaching Staff	Teaching Staff	Non-Teaching Staff			
Dean Office	-	1	-	-	-	1	1
Accounts	-	-	-	1	-	1	1
Hostel	-	1	-	-	-	1	1
Library	-	1	-	-	-	1	1
SOAS	29	10	-	-	29	10	39
BBA & FI Programme	-	1	-	-	-	1	1
System/ERP	-	1	-	-	-	1	1
Admission Cell	-	3	-	7	-	10	10
Maintenance	-	-	-	7	-	7	7
VSP Office	-	1	-	-	-	1	1
MRC	-	3	-	-	-	3	3
Examination	-	1	-	-	-	1	1
QA Cell	-	-	-	2	-	2	2
Electrical Manufacturing Unit	-	-	-	4	-	4	4
Security	-	-	-	2	-	2	2
Transport	-	1	-	1	-	2	2
TOTAL	47	49	29	33	76	82	158

Courses	Rayagada Campus		Bolangir Campus		Total Teaching	Total Non-Teaching	Grand Total
	Teaching Staff	Non-Teaching Staff	Teaching Staff	Non-Teaching Staff			
Centurion ITC	2	0	2	1	4	1	5
GTET	8	10	2	1	10	11	21
B. Sc. & M.Sc.	13	10	6	2	19	12	31
Diploma	9	0	-	-	9	0	9
TOTAL	32	20	10	4	42	24	66

Student Admission during the Year 2017-18

Course	Branch	Paralakhemundi Campus		Bhubaneswar Campus		Total
		Male	Female	Male	Female	
B.Tech.	CSE	35	24	90	29	178
	ECE	21	8	11	4	44
	EE	0	0	10	3	13
	EEE	2	0	14	1	17
	Mechanical	25	0	38	0	63
	Civil	5	1	30	9	45
	MI	-	-	15	0	15
	BIO	-	-	3	8	11
	CSE- CTIS	-	-	18	6	24
	AG	65	16	-	-	81
B.Sc. (Ag.)		142	143	-	-	285
MBA/MD M		-	-	27	9	36
MBA (DA)		-	-	12	5	17
MBA(AB M)		1	4	-	-	5
MBA (DM)		3	1	-	-	4
BBA		21	17	20	15	73
BBA-ICA		-	-	6	2	8
B.Com.		-	-	10	0	10
B.Com.- ICA		-	-	11	4	15
M. Tech.	PS	-	-	6	1	7
	ECE	-	-	3	2	5
	CSE	-	-	1	1	2
	ME	-	-	12	1	13

	ST	-	-	7	1	8
M.Sc.	PHY	1	4	40	46	91
	CHEM	-	-	25	50	75
	IT	-	-	3	2	5
	MATH	-	-	7	7	14
	BO	-	-	17	42	59
	ZOO	-	-	14	78	92
B.Sc.	OPT	6	2	10	23	41
	IT	-	-	6	5	11
	ZOO	-	-	5	11	16
	BO	-	-	3	5	8
	IT-CTIS	-	-	23	15	38
	PHY	8	6	9	8	31
	CHEM	-	-	6	10	16
	MA	-	-	8	6	14
DIPLOMA A	AUTO	-	-	6	0	6
	IT	-	-	7	1	8
	CIVIL	8	4	14	1	27
	EE	32	0	27	6	65
	ME	31	0	64	0	95
	MI	-	-	57	0	57
Ph.D.	Management & Humanities	2	1	1	1	5
	Engineering & Sciences	29	8	-	-	37
SoVET	Regular I.T.I Students	143	8	130	3	284
	Employment Mission	66	23	217	120	426
	Industry Specific Training (Utkal Alumina)	19	0	30	0	49

	Mini Tool Room & Training Centre (MTRTC)	-	-	72	0	72
	DDU-GKY/SMO	503	199	549	378	1629
	Total	1168	469	1694	919	4250

Course	Branch	Rayagada		Bolangir		Total
		Male	Female	Male	Female	
Integrated B.Sc., M.Sc. & BCA	B.Sc., M.Sc. & BCA	35	12	89	80	216
SoVET	Regular I.T.I students	35	07	08	00	50
	FITTER (DDUGKY)	30	00	63	00	93
	SMO (DDUGKY&P MKVY)	15	193	00	197	405
	BCBF (PMKVY)	-	-	141	83	224
	TOTAL	115	212	301	360	988

Conferences & Seminars Organized

Webinar/Seminar

Sl. No.	Webinar/Seminar	Dates Delivred	No. of Training Days	Resource Person Name
1	Seminar on Microelectronics and its application in the field of Biomedical	8.9.2017	1	Prof. Sandipan Pine
2	Seminar on Clean Energy	6.10.2017	1	Mr. Murthy



3	Seminar on Renewable energy	28.11.2017	1	Prof. Mohanty
4	Seminar on Modern Concepts in Agriculture	04.12.2017	1	Prof. Murthy
5	Seminar on Recent Developments and Applications of Functional Materials	23.12.2017	2	Dr. ANURAG
6	Seminar on Entrepreneurship Development – Entrepreneurial Opportunities	14.03.2018	1	Mr. M. Srikanth
7	Seminar on Internet of Things	22.03.2018	3	Mr. Satya N. Gupta, Mr. Anand Sengupta
8	Seminar on Current Agriculture Perspectives	24.03.2018	1	Ms. Rasmita Toppo, Sri Sasanka Lenka
9	Seminar on Advanced Materials and Technology	17.04.2018	1	1. Dr. N.C.Mishra, Utkal University 2. Dr. Amritendu Roy, IIT Bhubaneswar 3. Dr. S. K. Rout, BIT Mesra 4. Dr. T. Badapanda, CVRCE Bhubaneswar 5. Dr. S. Anwar, IMMT Bhubaneswar
10	Seminar on Antibiotic Sensitivity Test	30.04.2018	1	Dr. Ardhendu Praharaj
11	Seminar on Business Plan Development	02.05.2018	1	Mr. Hemachanadran.L

WORKSHOP

Sl. No.	Workshops	Dates Delivred	No. of Training Days	Resource Person Name
1	Workshop on Drone Design, Testing and Training	12/6/2017	2	Mr. Satyanarayan Padhy
2	Workshop on Programming Skills	3/7/2017	5	Mr. Sashi Bhushan Maharana
3	Workshop on How to file a patent (Paralakhemundi Campus)	15/07/2017	1	Dr. M. L. Narasimham
4	Workshop on Research Proposal Writing	29/07/2022	1	Dr. Smita Mishra Panda
5	Workshop on Engineering concept behind the Electric & Solar vehicle	17/08/2017	3	Mr. Asish
6	Workshop on Embedded Systems using Arduino	28/08/2017	2	Mr. N Venkat Reddy
7	Seminar on Microelectronics and its application in the field of Biomedical	8/9/2017	1	Prof. Sandipan Pine
8	workshop on Digital Manufacturing and Industrie 4.0	16/09/2017	2	Sri. Rabindra Sah
9	Workshop on Ethical Hacking	22/09/2017	2	Dr. Neeraj Kumar Rathore
10	Workshop on SMART Farming (An Application of Electronics in Agriculture Sector)	23/09/2017	1	Mr.G.K.Gupta
11	Workshop on Innovation Eco-system and Patents(PKD Campus)	18/11/2017	1	Dr. Smita Mishra Panda
12	Workshop on Creative Writing	15/12/2017	1	Dr.Prajna Pani
13	WORKSHOP ON INTERNET OF THINGS USING ARDUINO BOARD	11/1/2018	5	Mr. Sashi Bhushan Maharana



14	Workshop on Start-up India: Pitching Idea	31/01/2018	1	Dr. Subhendu K. Mishra
15	Workshop on Basics of Robotics and their Applications	8/2/2018	2	Dr. L. Suvarna Raju
16	Workshop on How to file a patent	9/2/2018	1	Dr. Smita Mishra Panda
17	WORKSHOP ON HISAB NIKASH 2018	12/2/2018	1	Mr. J. Panda
18	Workshop on RC Plane and Water Rocket	15/02/2018	2	Dr. Raj Hareshwar Patil
19	Workshop on Start-up India: Pitching Idea	16/02/2018	1	Dr. Subhendu K. Mishra
20	Workshop on The P Factor	18/02/2018	1	Dr. Girish P Rath, Mr. Susant Sahoo, Mr. Narayan Mahapatro, Dr. Rashmi R Parida
21	Workshop on Business Idea	27/02/2018	6	Mr. Hemachanadran.L
22	Workshop on Recent Trends of Mining Technology	17/03/2018	1	Dr. Subhash Kumar
23	Workshop on Block Chain	7/4/2018	1	Dr. Viswanath Venkatesh
24	Workshop on E - WASTE Management	7/4/2018	1	Dr. A.K. Awasthi
25	Workshop on Disaster Risk Resilience and Global warming	11/4/2018	1	Dr. Suresh Ramakrishnan
26	Workshop on Green Chemistry for Sustainable Development	29/04/2018	2	Dr.Ashok Kumar Mishra, . Dr.Tarashankar Pal, Dr. Prafulla Kumar Sahoo, Dr. Kunja Bihari Satapathy
27	Workshop on MATLAB Programming	3/5/2018	8	Dr. Saroj Kumar Mishra
28	Workshop on Computational Methods in Physics	9/5/2018	9	Dr. Harendra Singh, Dr. Vijendra Singh
29	Workshop on Reinforced structural design using staad pro.	21/05/2018	4	Mrs. Sweta Das
30	Workshop on Power control & Drives	23/05/2018	1	Dr. K.S. Amit Kumar



31	Workshop on How to start a Business Work	27/05/2018	1	Mr. Hemachanadran.L
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Faculty and Staff Development Programmes

Sl. No.	FDP Title	Dates Delivred	No. of Training Days	Resource Person Name
1	FDP on Solar Photovoltaic Systems	27-06-2017	4	Chittaranjan Routray
2	Soil Health Management using Soil Testing Kit	3/7/2017	5	Dr. Gayakwad DJ
3	IOP-IANCAS Workshop On Nuclear Science	7/7/2017	1	Suchismita Acharya
4	Hydroponics cultivation of exotic leafy vegetables	7/8/2017	5	Dr.Gaikwad DJ.
5	QIP Short term course on "Design of Microwave Antennas for Wireless Communication Applications"	21-08-2017	6	Chittaranjan Routray
6	AICTE sponsored short term course on "Numerical and Analytical Techniques to Undertake Research in Engineering (NATURE-2017)"	1/9/2017	1	Harish Chandra Mohanta
7	Application of MATLAB, Control System, Image Processing and Fuzzy Logic Tool Box	9/10/2017	1	Dr. R. C. Mohanty
8	ORGANIC FARMING	9/10/2017	5	Dr. Rahul Adhikary
9	FDP on Plasma Processing of Materials: Opportunities and Challenges	18.10.2017	6	Harish Chandra Mohanta
10	Different tools and softwares for Chemistry education and research (ChemDraw, Origin, MestreNova, Mercury)	6/11/2017	5	Prof. (Dr) Sudhansu Sekhar Nayak



11	Capacity Building for Social Science Faculty Members	6/11/2017	12	P Kalyan Chakraborty
12	Iradina Simulation Materials Science Research	15-11-2017	5	Dr.Pratibha Tripathy
13	Role of India in innovation of medicines	22-11-2017	2	Biswakath Kar
14	Millimeter-Wave Antennas, Circuits and Systems	28-11-2017	1	Dr. Banitamani Mallik
15	Enabling control system technology for challenging aerospace system.	28-11-2017	1	Dr. Sagarika Parida
16	Micro-irrigation for enhancing water use efficiency in maize	4/12/2017	5	Mr. N Mohan Satyavar Rao
17	National Seminar on Current scenario of pharmacy education and challenges in industrial sector	9/12/2017	1	Prachi Rani Sahu
18	XIX International Workshop on Physics of semiconductor devices	11.12.2017	5	Harish Chandra Mohanta
19	Wokshop on NDT of welded joints at CUTM Paralakhemundi	13-12-2017	1	Harish Chandra Mohanta
20	Mass Spectrometry and its applications in Biological research	20-12-2017	5	Narayan Gouda
21	31st annual confrence of Odisha chemical society & national seminar on recent Development and applications of fundamental materials	23-12-2017	2	V. Khageswar
22	In-house Training programme on Induction Training	26-12-2017	5	Biswakath Kar
23	Refresher Course on Molecules and Material Characterization	1/2/2018	14	Chittaranjan Routray



24	Molecular and Material Characterization	1/2/2018	14	Dr. Santosh Kumar Satpathy
25	Yield prediction using CERES rice modelling under changing environments	4/2/2018	5	Dr. Arunabha Pal
26	Designing and application of IoT in protected cultivation	5/2/2018	5	Mr. Durgadatta Meher
27	VERMICOMPOST PRODUCTION	12/3/2018	5	Dr. Rahul Adhikary
28	MATLAB Programming	3/5/2018	8	KALPITA BHATIYA
29	Computational methods in physical and engineering sciences	9/5/2018	9	Dr. Ramesh Chandra Mohanty
30	Efficient and low loss antenna configurations	21-05-2018	1	Dr. R. C. Mohanty

*** Only a few of the FDPs are mentioned here, this is not an exhaustive list.**

Highlights of Achievements in the Past Year

CUTM, Odisha Facilitated establishment of the Centurion University, Andhra Pradesh in the state of Andhra Pradesh. Centurion University, Andhra Pradesh was inaugurated by Hon'ble Chief Minister of Andhra Pradesh on 14-06-2017. It has started at its temporary Campus at Vizag. The Permanent Campus at Vijayanagaram is under construction.

School of Management, Centurion University was ranked A++ by Business India **Best B-School Survey 2017**.

Centurion University of Technology and Management (CUTM), Odisha got the recognition as the '*Skill University*' by the Government of Odisha through Gazette notification dated 30th August 2017.

The University trained 7502 Anganwadi Workers belonging to Anganwadi Centres across 12 districts of Odisha on 'mother tongue based multilingual early childhood care and education'. This was conducted in collaboration with the "Women and Child Development Department, Govt. of Odisha" and with support from Bernard van Leer Foundation (BvLF).

Two groups of students from Australia First Nation (aborigines) visited Centurion University in October and November and got engaged in classroom training, action learning labs, social enterprises and cultural excursions. This visit was the result of the collaboration between Centurion University, Wadeye Northern Territory and TAFE New South Wales and supported by the Australian Government through their Outward Bound Mobility Programme.

26 Students from Australia's Victoria University, Deakin University and University of Melbourne came to Centurion University for studying primary health Care, Law & Justice and Science Practices in India.

Centurion University has been given system integrator status by Dassault Systems, a unique recognition among Universities in the Country.

The Skill Development and Technical Education Department of the Government of Odisha approved, through a competitive bidding process, the establishment of the Institute for the Training of Trainers (ITOT) at its Bhubaneswar Campus with a viability gap funding of about Rs.3 crore.

Having fulfilled all the conditions stipulated under National Employability Enhancement Mission (NEEM) 2017, Centurion University has been recognized as NEEM facilitator. Thus, the University can offer on the job practical training to enhance the employability of a person either pursuing or discontinued his/her graduation/diploma in any technical/non-technical stream, anywhere in the Country.

Centurion University, Bhubaneswar Campus received award from Health Minister, Govt. of Odisha on 14th June for Highest Number of Voluntary Blood Donation in the Year 2016 – 17.

Indian Council of Social Science Research (ICSSR) has approved a grant-in-aid of Rs.7 Lakh to Centurion University Bhubaneswar Campus on 29th March 2017 for "Situational Assessment of Faecal Sludge Management in Smart City Bhubaneswar".

The University has established a state-of-the-art Allied Health Sciences and Paramedics Learning Laboratory. The laboratory is equipped to offer short, medium and long term programs in Clinical Medical Research, General and Emergency Trauma Care, Optometry and Vision Science, Radiology and Imaging Technology.

School of Agriculture has established industry standard biotechnology lab, Bio fertiliser and Bio pesticide Unit, Mushroom production Centre, Bakery Unit, Dairy and Dairy Processing Units.



E-Rickshaw developed by engineering students of Bhubaneswar Campus has got the approval from Bihar Govt. for sale in the state in 2nd January 2018.

Mind tree Foundation has approved a donation of about Rs.42 Lakh to Centurion University Gram Tarang towards Centre of Excellence for Skill Training & Placement Project in 2017-18 and will donate an amount of about Rs.15 Lakh towards Centurion University UMBC Project in 2017-18.

University has signed 26 MoUs some of these include:

- MoU with Deakin University and WDHC, Australia.
- MoU with Norwegian University of Science and Technology, (NTNU).
- MoU with Northern Institute, Charles Darwin University, Australia.
- MoU with the University of Western, Australia.
- MoU with ICD, Paris & Toulouse, France.
- MoU with Dedicated Agri Services Private Limited, Mumbai.
- MoU with Moto Corp., Madhya Pradesh.
- MoU with Robert Bosch

83 Distinguished visitors have visited different campuses of Centurion University. Some of them include.

- Mr. Steven Herbert, Former Minister, Skills and Training, Australia.
- Prof. Ruth Wallace, Director, Northern Institute, Charles Darwin University, Australia.
- Dr. R.B. Ghosh, California, USA.
- Sri Charanjit Singh Channi, Punjab Technical Education and Industrial Training Minister.
- Prof. Trilokinath Pandey, Emeritus Professor, University of California.

The Fifth Convocation of CUTM was presided over by **Dr. S.C.Jamir**, Honourable Governor of Odisha on 11th December 2017. 25 Ph.D. Students, 10 M.Phil. Students, 29 M.Tech. Students, 55 MBA/MDM Students, 64 M.Sc. Students, 157 B.Sc. Students, 556 B.Tech. Students, 237 B.Sc. (Agriculture) Students, 212 Diploma Students & 2 Certificate Course in Medical Lab Technology Students have received the University Certificates. 17 Students of M.Phil., M.Tech, M.Sc., MBA, B.Tech, B.Sc. (Ag.), B.Sc., & Diploma have received **Gold Medals**.

During the Campus Recruitment 2018, more than 80 top recruiters participated and more than 250 offers were released to Centurions. Many Centurions landed with more than one offers. Highest salary was Rs.9 lakhs per annum. The recruitment process is on and university hopes to achieve more placements during the year.

43 Socially Responsible activities by NCC, NSS & Youth Red Cross, 42 Cultural Events, and 13 Intra College Sport Events were conducted during the year.

National Level Electric Bike Race Challenge-2017 was held at CUTM, Parlakhemundi in Collaboration with AMT Moto Corp. from 28th to 30th Dec 2017. National level solar car design challenge-2017 for Schools was also conducted on the inaugural day.



Training programs in organic farming for farmers at different places in Gajapati, Phulbani, Malkanigiri, Nabaragnpur, Koraput, Kalahandi and Srikakulam were organised by the School of Agriculture.

29 conferences and 13 faculty development programmes were organised during the year. These include.

- Sixth International Conference on Gerontological Issues and Higher Education.
- Ninth International Conference on Hydro-Gramin Technology (Sustainable Agriculture, Rural Development and Livelihood Improvement) was organized in collaboration with the International Institute of Bengal Basin (IIBB), California, USA.
- National conference on Zero Effect and Zero Defect for MSME sector was organised in collaboration with the Utkal Chamber of Commerce and Industry and Quality Council of India.
- Kissan Mela cum Exhibition - 2017 was held by the School of Agriculture at its Paralakhemundi Campus on 8th March, 2017 in collaboration with CARE India. More than 1000 farmers with their spouses participated in the fair and got exposed to different farmer friendly sustainable agriculture technologies and package of practices.
- Third Chandrabhaga Poetry Festival.
- International conference on Religion in Digital Asia.
 - Commonwealth of Learning Canada Course Writers' Workshop on Media and Communication.
- 2nd International Conference on Mathematical Sciences in Engineering Applications.
- 31st Annual Conference of Orissa Chemical Society & National Seminar on Recent Developments and Applications of Functional Materials.

During the year 118 faculty members & 106 non-teaching staff were recruited at Paralakhemundi, Bhubaneswar, Bolangir & Rayagada campuses of the University.

During the year 5238 Students got admitted into all the UG/PG/Diploma Programmes of the University.

During the year 1038 titles with 6360 volumes of Library Books have been purchased.

Grants/Scholarship Received:

An amount of about Rs.1.7 Crore has been received from Prerana SC/ST, Medhabruti, E. Kalyan & National Scholarship. Total 658 Students of Paralakhemundi and BBSR campuses have got benefits.

An amount of about Rs.14.5 Crore was received by the University from different organisations. These include.

Bernard Van Leer Foundation (BvLF).

- Orissa Power Transmission Corporation Limited.
- IDCO
- Mind tree Foundation



- Care India
- Australian Consulate General

We are grateful to all these organisations.

New Programmes/Courses:

- During the year, four new Schools such as School of Forensic Sciences, School of Education, School of Open and Distance Education and School of Mining have been started.
- University launched new courses, such as M.Sc.Ag in Agronomy, Agricultural Extension and communication, Horticulture (Vegetable science), Molecular Biology and Biotechnology, Genetics and Plant Breeding; and B. Sc. (Fisheries Science).

Faculty Achievements:

- Faculty members have
 - Attended 89 conferences / workshops.
 - They have applied 5 Patents. 1 Patent got published. 153 research articles in several National/International Journal have been published.
- Dr. P. Kalyan Chakravarthy & Dr. R. Pradeep Kumar Pattnaik, Department of Management, Dr. Amir Prasad Behera, Department of English , Dr. Narayan Gouda, Department of Chemistry, Dr. Swarnalata Jena, Department of Mathematics, Dr. Sasmita Priyadarshani Dash, Dr. Priyadarsini P. Mahapatra, Dr. Atanu Deb, Dr. Shantanu Das, Dr. Rema Das, Department of Agriculture, Dr. Dhriti Mallik. Department of Biology and Dr. Mamata Ratah, Department of English were awarded Ph.D. Degree.
- Ms. Priyanka Nandi, Ms. Piyali Dutta, Ms. Umalaxmi Thingujam & Mr. Rojeet Thingujam of MSSSoA submitted thesis for the award of Ph.D.
- Dr. Prajna Pani Chaired a technical session at International Conference on Incorporating Folklore Studies in Management Practices at KIIT, Bhubaneswar.
- Dr. Nidhi Meher was a speaker in the Conference on Present Trends in Automation and Control Systems at VSSUT, Burla.
- Dr. S.K. Mandal Chaired a Session at “International Conference on Mathematical Sciences in Engineering Applications (ICMSEA - 2017), December 22-24, 2017 at Visakhapatnam, Andhra Pradesh, India.”
- Dr. Anurag gave Keynote address at “International Conference on Mathematical Sciences in Engineering Applications (ICMSEA - 2017), December 22-24, 2017 at Visakhapatnam, Andhra Pradesh, India.”

- h. Dr. Ashok Misra gave Keynote address at “International Conference on Mathematical Sciences in Engineering Applications (ICMSEA – 2017), at Visakhapatnam, Andhra Pradesh.
- i. Dr. Anita Patra gave key note address at “International Conference on Mathematical Sciences in Engineering Applications (ICMSEA – 2017), at Visakhapatnam, Andhra Pradesh.
- j. Prof. A. Zaman attended as Chief Guest and Keynote Speaker in the National Seminar on Judicious Use of Water and Fertilizer in Modern Agriculture, held at Naihati RBC College, West Bengal on 20 January, 2018, Organized by IFFCO.
- k. Ms. Nandini Padhi of MSSSoA was awarded gold medal as a topper from OUAT in Fisheries Science.
- l. Dr. Saurav Barman, Dr. Sagar Maitra, Dr. B. Praveen, Dr. Abid Hussain, Dr. A. Pal, Dr. Tanuj Mandal, Ms. Madhuri Patnaik, Mr. Subhendu Jena, Ms. Bijaya Bharati Bag, Dr. Rahul Adhikary, Ms. Priyanka Nandi, Ms. Priyadarsini Mahapatra – developed Quality Packs on different aspects of organic farming.
- m. Prof. Rashmi Ranjan Parida & Prof. Umakant Nayak received the Best paper award for paper title “Urbanization, Water and Governance-A sustainable perspective” at Sustainability Summit held at XIM, Bhubaneswar.

Students’ Achievements

- n. 05 B.Tech. Students qualified GATE – 2017-18.
- o. Ms. Dibyasmith Parida from MSSSoA selected in National Institute of Agriculture Marketing (NIAM), Jeypore, Rajasthan.
- p. Mr. Pradash Parida, Mr. Soumya Ranjan Behera, Mr. Alok Kumar Behera and Mr. Balakrishna Mahapatra from MSSSoA attended the final round competition in sustainable entrepreneur award, Jagruti Yatra conducted by Tata Institute of Social Science, Mumbai
- q. Two students of 3rd year Computer Science Engineering, Mr. Chaduvula Prasanth and Mr. Anni Viswa Chandan of Parlakhemundi campus have got a start-up ‘Teeny Hopper Solutions Pvt. Ltd.’, an aggregator of all aggregators. The Company can receive orders from anywhere and at any time with a simple SMS or Email and the product or service is delivered at the doorstep. The objective is to improve the market access and last mile supply chain.
- r. 17 B.Sc. (Agriculture) 2013 Batch students are qualified JRF for PG courses in 2017 and joined in different Institutes and Universities, supported by ICAR.

New Constructions

A. Paralakhemundi Campus

An area of about 22000 sqft. has been constructed.

B. Bhubaneswar Campus

An area of about 7.6 Lakh sqft. has been constructed.



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





Schools, Departments and Academic Programmes



1. M S SWAMINATHAN SCHOOL OF AGRICULTURE

Courses Offered

- B.Sc in Agriculture Science
- B.Tech in Agriculture Science
- Diploma in Agriculture Science

Department of Agronomy

Agronomy is one of the important branches of agriculture education and the Department was established in the year 2013 under M.S. Swaminathan School of Agriculture, Centurion University of Technology and Management. The Department is entrusted to laboratory work, research, extension and allied activities are mainly focused on thrust area like organic farming, integrated nutrient management, and integrated weed management varietal performance studies of different crops, intercropping system and also introduction of new crops rather than the teaching by the well-known teachers and staffs.

Department of Horticulture

The Department of Horticulture was established in 2013 with five different courses in B. Sc. (Ag.), Production Technology of Vegetables, Production Technology of fruits, Production Technology of Flowers, Production technology of Spices, Aromatic, Medicinal and Plantation Crops, and Post-harvest Management and Value Addition of Fruits and Vegetables. The objective to establish the department was to initiate education and training in horticulture courses i.e., vocational training, star program for farmers etc., to conduct need based research for the development of horticulture in Odisha and to disseminate the technology for growing horticultural crops and post-harvest management of horticultural produce. The department possess a well-equipped laboratory for under-graduate students.

Department of Agricultural Extension

Agricultural extension is the application of scientific research and new knowledge to agricultural practices. The Department of Agricultural Extension under M. S. Swaminathan school of Agriculture was established during 2013. Since then, it has been playing an important role towards progression of extension science with specific reference to research, education and training. The field of extension now encompasses a wider range of communication and learning activities organized for tribal/rural people from different parts of Orissa and Andhra Pradesh states to deliver the knowledge on various disciplines including agriculture, agricultural marketing and business studies.

Department of Entomology

The Department of Entomology is one of the eight departments established in 2013 under the umbrella of M. S. Swaminathan School of Agriculture, Centurion University of Technology and Management. The Department is entrusted to impart knowledge and give practical training on Entomology and allied activities along with teaching by highly qualified, experienced and devoted teaching staff members.



Department of Genetics & Plant Breeding

The Department was established in 2013 under M. S. Swaminathan School of Agriculture at Centurion University of Technology and Management. In addition, the department is entrusted to laboratory work, research, extension and allied activities.

Department of Crop Physiology, Bio-Technology & Seed Science

Biotechnology encompasses a number of tools and elements of conventional breeding techniques, crop physiology, seed science technology, bioinformatics, microbiology, molecular genetics, biochemistry and molecular biology. Biotechnology defines (or parts of organisms) to make or modify a product, improve plants, trees or animals or develop microorganisms for specific uses. In this direction, the Department of Crop Physiology, Biotechnology and Seed Science in M. S. Swaminathan School of Agriculture has focused and equipped as state-of-the-art laboratories that mentor the students to inculcate hands on experiments and put-in the knowledge of theory in practice.

Department of Plant Pathology

The Department highlights on the study of plant pathogens and their interactions with plants-pests/pathogens leading to disease. Pathogens including bacteria, fungi, nematodes, viruses, viroid and other microbe's attack cause heavy economic loss. In this direction, the study of plant pathology and research findings in the field would be beneficial to the farmers in addressing major pest attacks on crops in the field. The Department under the School of Agriculture has initiated to mentor under-graduate students to study, understand and investigate various host-microbe interactions and towards establishing practices in addressing field problems. It also deals with various aspects of agriculture including microbiology, principles of plant pathology and pathogens, diseases of field crops, Horticultural crops and their management, mushroom cultivation etc. It is aimed towards training the students in various disciplines of agriculture and educate the under-graduate students in the field of plant pathology and microbiology. The faculty members in the department are well qualified and acquired the required skills to carry forward such responsibilities with high accuracy.

Department of Soil Science & Agricultural Chemistry

The Department was established in 2013 under M.S. Swaminathan School of Agriculture and entrusted to contribute the service in teaching, laboratory practical work, research, extension and allied activities other than the teaching by esteemed faculty and staff members.

2. SCHOOL OF ARCHITECTURE, PLANNING AND DESIGN

Courses Offered

- Bachelors in Architecture

Department

The School of Architecture, Planning and Design was started from 2014 – 2015 as per the guidelines of the Council of Architecture. The school aims at providing quality education in the field of Architecture to cater to the need of the hour in the country's path of progress. In the background of Odisha's development for the last few decades in general and the phenomenal growth of Bhubaneswar from the second city of the state to a burgeoning capital city nearly touching 10 lakh population, it is imperative that the need for Architectural



Institutions is on the rise. The motto of the school is to give the society young and qualified people who are not only conscientious architects but are also responsible decision makers who give utmost value to sustainability and inclusivity.

3. SCHOOL OF ENGINEERING AND TECHNOLOGY

Courses Offered

B.Tech and M.Tech

- Civil Engineering
- Mechanical Engineering
- Computer Science and Engineering
- Petro Chemical Engineering
- Electrical and Electronics Engineering
- Agriculture Engineering
- Electronics and Communication Engineering
- Dairy Technology

Department of Civil Engineering

Civil Engineering in Centurion University is offered in both the campuses at Parlakhemundi and Bhubaneswar. The department has some of the most senior faculty members drawn from retired professors from Orissa and AP. It has also professors who have been Chief Engineers of the state. The pedagogy is a mix of theory and practice. Like all departments, Civil also has about 60% practical component in its curriculum.

The department offers courses at undergraduate level, graduate level (Structural Engineering, Hydraulics and Transportation Engineering). The main areas of research include Geotechnical Engineering, Structural Engineering, Hydraulics Engineering, Hydrology, GIS and GPS Systems.

Department of Chemical and Petro-Chemical Engineering

The Department of Chemical and Petro-Chemical Engineering offers separate but related degree programmes in Chemical Engineering, Petro-Chemical Engineering. Chemical engineers deal principally with production of chemicals from various raw materials and compounds and are also responsible for the extraction and processing of minerals. They design, build, operate and manage the plants for physical, thermal or chemical processing of materials to obtain consumable goods and products such as food and beverages, plastics, soaps and detergents, fertilisers, cement, pharmaceuticals and refined petroleum products. Petro-Chemical engineers apply modern knowledge of geology and physics for the assessment, exploration and production of hydrocarbons such as crude oils and natural gas. They produce uninterrupted supply of oils used by chemical engineers to make various goods and also for energy generation.

Department of Computer Science and Engineering

Centurion University is about hands-on learning, and learning through experience. The Computer Science course is also about building the fundamental concepts with focus on software programming and projects. At Centurion University, we understood that writing programs and doing projects is the right way to build not just our foundations, but also interest and passion for the discipline. We also concluded our students must be proficient in one or two languages, and have capability to write original code in these. Centurion offers a set of



core courses – with concepts we believe all must learn; and with a large number of electives. The electives are offered based on student interest, so they have a choice in what they want to learn.

Electrical and Electronics Engineering

This Department strives for excellence in teaching, research and professional services to the industry so as to achieve eminence in selected niche areas of Electrical and Electronics Engineering. The Department offers four years of B.Tech course in Electrical and Electronics Engineering (EEE), Electrical Engineering (EE) and also two years of M.Tech course in Power System & Control Engineering (PSC). The department has many faculty with industry experience especially in Transmission and Distribution.

Department of Electronics and Communication Engineering

Department of Electronics and Communication Engineering aims to produce qualified and dynamic engineers in the fast changing area of Electronics Communication Engineering. The Department has sophisticated and modern laboratory equipment and software for research and development work in the areas of Antenna and Microwave Engineering, Signal Processing and Communication, VLSI, Embedded System. The Department has trained faculty from reputed Institutes of India. The students have been placed in different national and multinational companies. Department is offering domain based courses in the field of VLSI and Embedded System within the curriculum to enhance their skills and make student ready for the industry in association with different industry partners. The Department motivates the faculty and the students for research oriented programs to compete in the new industrial resurgence. Faculties organize and participate in different workshops, Faculty Development Programmes, Seminars and Conferences. Students of the department are encouraged and motivated to take up challenging projects. Summer training, industrial visit and projects are carefully planned for the students to remain updated with technological trend. The department is organizing and engaging the students in latest technological advancement programmes through IEEE JITM student branch. The Department is modern, with software based practical classes through ORCAD, MATLAB, CADENCE, HFSS platforms from the first year. The Department has its own library, along with the Central library to facilitate the students specializing in a particular stream.

Department of Mechanical Engineering

The Department of Mechanical Engineering has strategic alliances with companies like NALCO, HAL, VEDANTA & JINDAL other than CTTC, CIPET, IIW & NSIC to provide superior theoretical and practical training. Besides, the Department has also provided Pro E and Ansys software in its labs. The mission of the Department is to establish itself as a centre of excellence in the field of Mechanical Engineering, through innovative teaching-learning methods, intensive CAD/CAM short term programs, Industry-Institute partnerships. The department focusses on manufacturing, welding, automotive design and auto service sector skill development.

4. SCHOOL OF APPLIED SCIENCES

The School of Applied Sciences (SoAS) offers Bachelor of Science (B.Sc.) program for 3 years, Master of Science (M.Sc.) program for 2 years and M. Phil for 1 years.

Courses Offered

Bachelor of Science (B.Sc.) Honours Program:

- Chemistry

- Optometry
- Mathematics
- Physics
- Information Technology
- Botany
- Zoology
- Bio-Chemistry
- Electronics

Master of Science (M.Sc.) Program:

- Applied Chemistry
- Applied Mathematics
- Applied Physics
- Information Technology

5. SCHOOL OF MANAGEMENT

The School of Management of the University evolved from the Centurion School of Rural Enterprise Management (CSREM). Since inception, nearly a decade ago, its flagship program has been Master of Business Administration (MBA) that focuses on social entrepreneurship. It has carved a niche for itself in offering high quality Management education in eastern India. It differentiates itself from other Management Schools by offering industry oriented meaningful education with a humane face. The key strength of the School is its experienced and enthusiastic faculty, committed top management, flexible curriculum, experiential learning, digital course content, strong linkage with industry, academia, civil society and government, skill integration and outreach programmes.

Courses Offered

Master's Program

- Master's in Business Administration
- MBA in Development Management
- MBA in Agri-business Management
- MBA in Data Analytics

Bachelors Program

- Bachelors in Business Administration
- BBA in Financial Services
- Integrated BA and MA
- Bachelors of Commerce
- B.Com in Banking and Accounting

6. SCHOOL OF MEDIA AND COMMUNICATION

The School of Media and Communications, under the auspices of the Institute of Knowledge Societies at Centurion University is being launched as a complete media school which will have an integrated Bachelors and Master's degree programme, short term skill

programmes in partnership with the PMKVY scheme of the Ministry of Skill Development and Entrepreneurship, Government of India and industry partnerships with both National and Regional Media. The school will deliver UNESCO's "Model Curriculum for Developing Countries and Emerging Democracies".

Courses Offered

- BA in Media Communication
- MA in Media Communication

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Important Research Work and Person/Team Working (Paralakhemundi Campus)		
Sl no	Faculty	Research Work
Civil Engineering		
1	Dr. M.L.Narsimham and Prof. Prafulla Kumar Panda	Development of Disease map and Health care service for selected Diseases in tribal regions of Gajapati and Rayagada district of Odisha
Computer Science Engineering		
1	Dr. M. Vamsi Krishna	Medical Image Processing
School of Management		
1	Dr. P. Kalyan Chakravarthy	Stress Management Research work on Police Personnel in Gajapathi & Nuapada Districts
2	Prof. Rashmi Ranjan Parida	Ph.D Thesis Submitted
3	Prof. S.Kameswar Rao	Ph.D work Cont...
4	Dr. Anita Patra, Prof.Rashmi Ranjan Parida, Dr. Prajna Pani, Dr. Girish Prasad Rath, Dr. Tapas Panda	World Bank Funded Project on SC, ST Students in Engg. Education.
5	Dr. Anita Patra, Dr. Prajna Pani, Prof. M. Sudarshan Rao, Prof. Rashmi Ranjan Parida	Action Research and Development intervention at Badigam village.
6	Dr. Anita Patra	Guiding 5 research scholars.
7	Dr. Prajna Pani	Guiding 3 research scholars.
M S Swaminathan School of Agriculture		
1	Mr.Kartik Pramanik & Ms.Madhuri Pattanaik	Rose garden with drip irrigation & plastic mulch.
2	Mr.Kartik Pramanik & Ms.Priyadarshini Mohapatra	Banana plantation with drip irrigation.
3	Mr.Kartik Pramanik & Mrs.Priyanka Nandi	Citrus orchard rejuvenation with drip irrigation & plastic mulch.
4	Ms.Madhuri Pattanaik & Ms.Piyali Dutta	Papaya plantation intercropped in coconut orchard & papaya plantation near MBA block.
5	Mr. Kartik Pramanik & Ms. Madhuri Pattanaik,	Establishment of Horticultural nursery.



	Dept. of Horticulture	
6	Dr. Pushpalatha Ganesh Department of Crop Physiology, Biotechnology and Seed Science	Screening of germ-plasm varieties, morphological, physiological, biochemical and molecular analysis like germination analysis, ion analysis using flame photometer, anti-oxidant estimations of samples at its different growth stages. Plant DNA and RNA isolation, Allele mining for salinity tolerance among introgression lines (ILs) by using SSR markers/salinity tolerant specific primers like SKC1, SHMT3, CBSDP and DREB2B was a novel study. In silico study in allele mining lead to identification of novel cis elements in salt-tolerant in comparison to salt sensitive introgression line. Validated differentially expressed genes by using qRT-PCR and demonstration of expression of methionine biosynthetic genes. The cloning of SAMS1, SAMS2 and SAMS3 genes in pGEMT and pET28a expression vectors using salt-tolerant shoot samples was successfully carried out.

Jatni Campus		
Sl no	Faculty	Research Work
Electronics and Communication Engineering		
1	Mr. Nimay Candra Giri	Drip Irrigation System (Patent).
2	Mr. Udaya Kumar Sahoo	Fluid Heating Solar Dehydrate (Patent).
3	Mr. Udaya Kumar Sahoo	Auxiliary Power house hold appliances (Patent).
Mechanical Engineering		
1	Dr. R. C. Mohanty and Prof. S. B.	Alternative Fuel.
2	Mukundjee Pandey & Ipsita Mishra	Solar Energy.
Electrical Engineering		
1	Mr. Amit Kumar Sahoo	System Identification and control of Maglev System.
2	Mr. Saroj Panda &	Grid voltage monitoring.

	Mr. Nanda K Ray	
Computer Science Engineering		
1	Sangram Keshari Swain, Debash Das, Sasmita Nayak, Swati Sucharita Barik	Data Analytics.
2	Suwendu Kumar Nayakit, P Anann Naidu, Ajit Kumar Pasayat	Internet security, Cloud security.
3	Sangram Keshari Swain, Shivani Nanda	IoT.
4	Mamata Garnayak P Anann Naidu	Data Mining & AI (Recommender System).
5	Sasmita Nayak	Multi-Processor scheduling using evolutionary algorithm.

Conferences / FDPs/ MDPs organized (Paralakhemundi Campus)	
Sl. No.	Topic
Civil Engineering	
1.	Workshop on Revit Architecture and ETABS. The Civil Engineering Department of CUTM, Paralakhemundi, Odisha organized a three days' workshop on Revit Architecture and ETABS from 27th July 2017 to 29th July 2017 in association with industry partner Astronauts Services Pvt. Ltd.
2.	Workshop on STADPRO. The Department of Civil Engineering, CUTM Paralakhemundi campus organised a two days' workshop on "STAADPRO" from 11 th to 12 th August 2017.
3.	National Seminar on Disaster Management and Mitigation. A national seminar on disaster management and mitigation was held on 1st and 2nd September, 2017 organized by Department of Civil Engineering.
Basic Science	
1	Annual Conference of Orissa Chemical Society, Conducted by Centurion University of Technology and Management, Odisha, on 23-24 th Dec 2017.
2	2 nd International Conference on Mathematical Sciences in Engineering Applications conducted by Centurion University of Technology and Management, Odisha in association with Baba Institute of Technology and Sciences (BITS), Visakhapatnam on 22 nd - 24 th December 2017.



School of Management	
1	FDP on “a new way of looking at oneself & Careers” 10th-11th July 2017.
2	Seminar talk on "Purpose of Education”, 20 Oct. 2017.
3	Workshop on Counselling, 21-23rd Nov. 2017.
4	Seminar Talk On "My Vision of India" by Prof. Triloki Nath Pandey On 14.12.17.
5	6 th International Gerontology conference on ‘Youth is a Gift and Age is an Art: Gerontological issues and higher education" on 2 nd & 3 rd February, 2017.
6	Zed awareness & sensitization training programme date: 10 th February 2017.
7	School of Management in association with MSSSoA, CUTM, Paralakhemundi Organised a seminar on Agrifinance (Green mint) on 22nd February, 2017.
8	2017 Budget speech (Hisab Nikas) on 23 rd february 2017 – by School of Management.
9	Conducting International Women’s Day (Naman) 03.03.2017.
10	Free health checkup camp at Badigaon , 21 st march 2017.
11	Awareness programme on process of implementation of vermicomposting and mushroom cultivation 25 th March, 2017 organised by: the students of MBA (development management) in collaboration with School of Agriculture
12	Skill Development Programs in collaboration with Gram Tarang, Centurion University of Technology and Management to be held at Badigaon Village, Gumma block on 1 st April 2017,
14	Panel Discussion, CUTM, 17 th August 2017
15	Pop Display (Pradarshan) on 16 th October, 2017 –by School of Management
16	“The Coffee house” 20th October, 2017
17	Fiesta 2k17, an event Organized by students of MBA (Development Management) & MBA (Agribusiness Management) on 8.11.17
18	Seminar on Modern Concepts in Agriculture on 4th December 2017
M S Swaminathan School of Agriculture	
1	Training-cum-awareness programme on GAP of Chilli, Maize and Baby Corn held on 12.01.2018 at Paralakhemundi, Gajapati by Sri R.K. Mondal, DGM, Agricultural and Processed Food Products Export Development Authority (APEDA), Mayukh Bhawan, 4th Floor, Bidhan Nagar, Salt Lake City, Kolkata-700091.
2	9th International Conference on ‘Hydro-Gramin Technology (Sustainable Agriculture, Rural Development and Livelihood Improvement). Held on October

	28-29, 2017, Organized by the International Institute of Bengal Basin (IIBB) in collaboration with CUTM, Paralakhemundi, Odisha.
3	Training programs of farmers at different places like Barlanda, Badigaon, Engarsingi, Mohana, Phulbani, Malkanigiri, Nabaragnpur, Koraput, Kalahandi, Srikakulam etc.

Conferences / FDPs/ MDPs organized (Jatni Campus)	
Sl. No.	Topic
Electronics & Communication Engineering	
1	Faculty Development Programme on Solar Photovoltaic Systems, CUTM, Bhubaneswar.
2	2nd National Conference on Mechatronics, Computing & Signal Processing, CUTM Bhubaneswar
Electrical & Electronics Engineering	
1	2 days workshop on Siemens Station 400 by Mr Nikhil Mohanty (Siemens Automation Engineer)
2	A seminar on Quality Management in Power system by Mr Bejjal Singh (QCMA consulting Inc)
Mechanical Engineering	
1	Faculty facilitated FDP: Prof. Radhakant Padhi IISc, Bangalore, Topic Name: Comprehensive Overview of Flight
2	Faculty facilitated FDP: Prof. Radhakant Padhi IISc, Bangalore, Topic Name: Comprehensive Overview of Flight
3	Faculty facilitated FDP: Prof. Sumanjit Das, Topic Name: Programming C
4	Faculty facilitated FDP: Dr. R. C. Mohanty, Prof. Mukundjee Pandey, Topic Name: Engineering Analysis using ANSYS
5	Faculty facilitated FDP: Dr. S.K Mandal, Topic Name: Solar Photo Voltaic System
6	Faculty facilitated FDP: Dr. R. C. Mohanty, Topic Name: Optimization Techniques
7	Faculty facilitated FDP: Prof. Ipsita Mishra, Topic Name: Finite Difference Method
8	Faculty facilitated FDP: Dr. R. C. Mohanty, Topic Name: Weighted Residual Method
9	Faculty facilitated: Dr. R. C. Mohanty, Topic Name: Basic Concepts of FEM

10	Faculty facilitated: Prof. S. S. Mahapatra, NIT Rourkela, Topic Name: Optimization Techniques in Manufacturing
11	Faculty facilitated: Mr. Mohammed Tarique Khan, Topic Name: Yamaha Two wheeler Maintenance
Computer Science Engineering	
1	Faculty Development Programme on C Programming Solar Photovoltaic Systems,

Conferences/ Seminars attended by Staff (Jatni Campus)		
Sl no	Faculty	Particulars of the conference
Electronics & Communication Engineering		
1	Mr.Siba Kumar Panda	<p>1.Participated in Faculty development program on Digital VLSI Circuit Design jointly organized by Electronics and ICT academies, Meity, Govt of India held at National institute of technology (NIT), Patna from 3rd -12th June, 2017.</p> <p>2.Participated in 3days workshop on VLSI and Embedded System Design(VESD-2017) organized by CoreEL Technologies ,Bangalore at the School of Electrical Sciences ,Indian Institute ofTechnology(IIT),Bhubaneswar ,Odisha from 13th -15th october,2017.</p> <p>3. Key Sight Tech day at Bhubaneswar on 8th Jan,2018</p>
2	Dr. S.K. Mandal	<p>1. International Conference on Mathematical Sciences in Engineering Applications (ICMSEA - 2017), December 22-24, 2017 at Visakhapatnam, Andhra Pradesh, India.</p> <p>2. Faculty Development Programme on Solar Photovoltaic Systems, June 27-30, 2017, organized by Centre for Renewable Energy and Environment, CUTM, Bhubaneswar.</p> <p>3. Key Sight Techday, Bhubaneswar, January 8, 2018.</p>
3	Mr.Debraj Rana	QIP-AICTE sponsored Short Term Course on Multimedia Systems and Applications held in IIT Kharagpur on 9th-15th July, 2017.
4	Harish Chandra Mohanta	<p>1. "Millimeter Wave Antennas, Circuits and System" held in IIT Kharagpur from 28th Nov to 2nd Dec, 2017.</p> <p>2. Design of Microwave Antennas for Wireless Communication Applications", August 21- 26, 2017, IIT Kharagpur.</p>
Civil Engineering		
1.	Sweta Das	National conference on disaster management
2.	Sweta Das	Fdp on engineering analysis using ansys.



3.	Minati Mohanty	WORKSHOP ON “Design and performance of pavements” in IIT Bhubaneswar.
4.	Manoj kumar rath	“Dynamic stability of woven fibre laminated composite curved plates in adverse hydrothermal environment”.
5.	Rakesh kumar jena	Total station survey and introduction to GPS and DGPS,NITTTR kolkata
6.	Rakesh kumar jena	Advanced and innovation in civil engineering, VSSUT BURLA.

Electrical Engineering

1	Mr. Surya Narayan Sahoo Mr. Biswajit Mahapatra	National Workshop on Emerging Technologies NWET-2017 at Silicon Institute of Technology.
2	Mr. Amit Kumar sahu Ms. Linkan Priyadarshini Mr. Biswajit Mahapatra Mr. Debasis Sahu	Workshop on Mentoring by Dr Are Hollen.
3	Ms. Smita Jana Mr. Nanda.K.Ray Ms. Pragyajita Satpathy Mr. Debasis Sahu Mr. Swakantik Mishra	Workshop on Solar Photovoltaic Systems by FESTO and SELCO.
4	Mr. Biswajit Mahapatra Mr. Surya Narayan Sahoo Ms. Smita Jana	15 days training of trainers on Industrial wiring and power quality by Schneider Bangalore.
5	Mr. Rama P.Dalai Ms. Monalisa Mohanty	2 week ISTE STTP on Electrical Power System by IIT, Kharagpur.



6	Mr. Saroj Panda Ms. Pragyajita Satpathy	2 days workshop on Hands on Work on Embedded systems Design by Indian Hobby Centre and Research Labs, Bhubaneswar.
7	Ms. Pragyajita Satpathy Ms. Smita Jana Mr. Swakantik Mishra	Seminar on Caste in the Changing World by Professor Triloki Nath Pandey.
8	Mr. Jagannath Padhy Ms. Smita Jana Ms. Linkan Priyadarshini Mr. Biswajit Mahapatra Mr. Debasis Sahu	Seninar on 'India's MARS Orbiter Mission [MOM]: A Technical Marvel' Dr. Syed Maqbool Ahmed Professor at University of Hyderabad.

Mechanical Engineering

1	Dr. R.C.Mohanty	National Level Seminar on “Future Challenges in Technical Education” held on 11 th March, 2017 at CTTC, Bhubaneswar, Odisha, India.
2	Dr. R.C.Mohanty	FDP on “Solar Photovoltaic Systems” held from 27-30 June 2017 and organized by Centre for Renewable Energy & Environment (CREE), Centurion University, Jatni Campus, Odisha, India.
3	Dr. R.C.Mohanty	AICTE sponsored short term course on “Numerical and Analytical Techniques to Undertake Research in Engineering (NATURE-2017” held from Sept 01-05, 2017 at IIITDM, Jabalpur.
4	Dr. R.C.Mohanty	4 th International Conference on Advancement in Engineering, Applied Science and Management (ICAEASM-2017), 26 th Nov 2017, Organized by Conference Info in association with Academic Science, Bengaluru, Karnataka, India.
5	Dr. R.C.Mohanty	“7 th International Conferences on Soft Computing for Problem Solving (SocProS 2017)”, held from Dec 23-24, 2017 at IIT Bhubaneswar, Odisha, India.
6	Prof. Dilip Kumar Mohanta	National Conference on “Multidimensional advancement in mechanical engineering” on 21 st December 2017 at GCE, Kalahandi.

Computer Science Engineering



1	Mr. Ajit Kumar Pasayat Mr. Sangram Keshari Swain, Mr. Manoj Kumar Behera, Mr. Sumanjit Das, Mr. Rakesh Ray, Mr. Sabyasachi Mohanty	Participated in a workshop on Data Analytic Using R Faculty organized by IIT, Kharagpur , 20th Nov 2017 to 26th Nov 2017.
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Parlakhemundi Campus

Sl no	Faculty	Particulars of the conference
Electronics & Communicatin Engineering		
01	Prof. Sandipan Pine	Attended and presented a paper titled “Controlling a Wheeled Robot through Field Programmable Gate Array” in International Conference on "MATHEMATICAL SCIENCES & ENGINEERING APPLICATIONS" (ICMSEA-2017) conducted from n 22 nd -24 th December 2017 at Baba Institute of Technology and Sciences (BITS), Visakhapatnam.
02	Prof. Satya Narayan Padhy	Attended and presented a paper titled “Modelling and Simulation of Bridgeless SEPIC PFC Rectifier Operating in Continuous Conduction Mode” in International Conference on "MATHEMATICAL SCIENCES & ENGINEERING APPLICATIONS" (ICMSEA-2017) conducted from n 22 nd -24 th December 2017 at Baba Institute of Technology and Sciences (BITS), Visakhapatnam.
03	Prof. Prabhakumar Patnaik	Attended and presented a paper titled “A Novel approach of Parameter Extraction of Distributed MEMS Transmission Line using Neural Network” in International Conference on "MATHEMATICAL SCIENCES & ENGINEERING APPLICATIONS" (ICMSEA-2017) conducted from n 22 nd -24 th December 2017 at Baba Institute of Technology and Sciences (BITS), Visakhapatnam
Basic Science		
1	Mr. Gouri Kumar Sahu	FDP on “Plasma processing of materials: Opportunities and challenges” held during 18 th -23 rd December 2017 by Department of Physics, C. V. Raman College of Engineering, Bhubaneswar
	Dr. Narayan Gouda	1. National seminar on recent developments & applications of functional materials held during 23 rd to 24 th Dec 2017 at Dept. of Chemistry CUTM Parlakhemundi. Paper presented entitled by



		<p>Kinetic study of thermal degradation of microlalgae (<i>Arthrospira Platensis</i>) by isoconversional methods.</p> <p>2. 9th International conference on Hydro-Gramin technology held during 28th to 29th Oct 2017 at CUTM Paralakhemundi.</p> <p>3. Workshop on Counselling and Meditation Practice jointly conducted by ACEM School of Meditation, Oslo, Norway and Centurion University of Technology and Management, Odisha.</p>
	Mr. I.SivaRamakoti	<p>1. National seminar on recent developments & applications of functional materials held during 23rd to 24th Dec 2017 at Dept.of Chemistry CUTM Paralakhemundi.</p> <p>2. 9th International conference on Hydro-Gramin technology held during 28th to 29th Oct 2017 at CUTM Paralakhemundi.</p>
	Mr. Balaji Padhy	National seminar on recent developments & applications of functional materials held during 23 rd to 24 th Dec 2017 at Dept.of Chemistry CUTM Paralakhemundi.

Civil Engineering

1	Prafulla Kumar Panda	<p>1. Attended as a delegate in the Asian Conference on Remote Sensing, Space Application: Touching Human lives, October 23rd to 27th, 2017 at New Delhi.</p> <p>2. Participated two day- day :Geo Spatial Public Health Symposium- GEOHEALTH 2017” July 1-2, 2017 at Administrative Staff College of India, Hyderabad</p>
2	Pranati panda	Attended International Conference on Mathematical Sciences in Engineering Applications (ICMSEA – 2017) during December 22-24 th , 2017
3	Sunita Sarangi	Attended International Conference on Mathematical Sciences in Engineering Applications (ICMSEA – 2017) during December 22-24 th , 2017

Computer Science Engineering

1	Dr. M. Vamsi Krishna	International Conference on Mathematical Sciences & Engineering Applications
2	Sashi Bhusan Maharana	International Conference on Mathematical Sciences & Engineering Applications

School of Management

1	Dr. Prajna Pani	<p>1. Presented a paper on Emotional Intelligence: A "Latent" Emotional Capability in Rural Women Entrepreneur, National Conference on Contemporary Issues in Management Research, and Managerial Decision Making, BIMTECH, Bhubaneswar, 6 Jan. 2018.</p> <p>2. Presented a paper on Socio-Cultural Practices in Saura Tradition: A Case Study’, International Conference on Incorporating Folklore Studies in Management Practices, KIIT, 26-27 Dec. 2017.</p>
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		<p>3. Presented a paper on Living Pedagogically in the Digital Age: New Perspectives of English Language Teaching & Learning, 6th International Conference on Language, Literature and Culture, 15-17 Dec. 2017.</p> <p>4. Presented a paper on How Green were the Romantic Poets? U.G.C National Seminar on Interrogating Woman, Environment, Literature: Eco-critical Perspectives, SKCG College, Gajapati, 10-11 Nov. 2017.</p> <p>5. Presented a paper on Mobile Apps for Active Ageing, 6th International Conference on Youth is a gift and Age is an art: Gerontological Issues and Higher Education, Centurion University of Technology & Management (CUTM), 2nd - 3rd Feb. 2017.</p> <p>6. Presented a paper on Influences on Career Decisions, 4th National Language Conference, Institute of Odisha Studies & Research in collaboration with NIST, 6_9 July, 2017.</p>
2	Dr. Girish Prasad Rath	1. Presented a paper (in absentia) entitled The Social Contexts of Second Language Learning of Business Executives: A Comparative Study of Natural and Educational Settings at the two days Interdisciplinary International Conference on Development, Environment and Social Welfare: Issues and Challenges, organized on 16th & 17th in Bangkok, Thailand
3	Dr. Amir Prasad Behera	<p>1. Presented a paper on The Impact of Emotional Intelligence in Intercultural Communication for the 21st Century Engineer in the International Conference on Incorporating Folklore Studies in Management Practices KIT , School of Humanities , on 26th and 27th December 2017, Bhubaneswar</p> <p>2. Presented a paper on The Impact of Emotional Intelligence in Intercultural Communication for the 21st Century Engineer KIT , School of Humanities , on 26th and 27th December 2017, Bhubaneswar</p> <p>3. Presented a paper on Emotional intelligence: a powerful tool to take better decision for 21st Century Leaders, Birla Global University (Bimtech) , on 06th January 2018, Bhubaneswar</p>
4	Dr. P Kalyan Chakravarthy	<p>1. International Seminar (UGC Sponsored) on Corporate Social Responsibility , 10-12th March, 2017 At Acharya Nagarjuna University, Guntur, Andhra Pradesh</p> <p>2. International Conference on Operations Management , 28-29th October, 2017 at ICFAI Business School, Hyderabad</p> <p>3. International Conference on Mathematical Science and Engineering Applications(ICMSEA-2017) at BITS, Visakhapatnam</p>
5	Prof. M. Sudharshan Rao	1. Work Shop on Mentoring & Counseling @ CIT ,BBSR, 21-23rd Nov 2017



6	Dr. Anita Patra	<p>1. Presented a paper titled “A Study of the Gap between Expected and Perceived Quality of Life among the Elderly People in Odisha” at 6th International Conference on Youth is a gift and Age is an art: Gerontological Issues and Higher Education, dated 2nd& 3rd Feb 2017</p> <p>2. Presented a paper on “Emotional Intelligence: A Latent Emotional Capability in Rural Women Entrepreneurs” in the National Conference on Contemporary Issues in Management Research and Managerial Decision-Making” organized by School of Management, Birla Global University, Bhubaneswar on 6th Jan 2018</p>
7	Prof. S.Kameswar Rao	<p>1. International Conference on Citizens satisfaction on drinking water Amenity provided by GVMC (ICMSEA-2017)at Bits ,Visakhapatnam.</p>
M S Swaminathan School of Agriculture		
1	Dr. Rahul Adhikary	9 th International Conference on Hydro-Gramin Technology
2	Umalaxmi Thingujam	<p>a. International Conference on "MATHEMATICAL SCIENCES & ENGINEERING APPLICATIONS" (ICMSEA-2017)</p> <p>b. 9th International Conference on Hydro-Gramin Technology</p>
3	Dr. Arunabha Pal	9 th International Conference on Hydro-Gramin Technology
4	Ms. Priyadarshini Mohapatra	<p>a. Training on rejuvenation of cashew plantation</p> <p>b. Constraints on production technology of vegetables & Pineapple in Pathpatanam village</p>
5	Mr. Kartik Pramanik	a.Training on mushroom cultivation in Kerandi village
6	Ms. Piyali Dutta & Ms. Priyadarshini Mohapatra	FDP on Mentoring policy in CIT,BBSR
7	Dr. AbidHussain	15.12.17 Workshop on creative writing
8	Mr. Rojeetthingujam, Ms Veronica kadam	14.12.17 Seminar on my vision of India
9	Mr. S.A.Elahi	21.02.17 FDP on research paper publications
10	Mr Chitrasena Padhy	1. International Conference on Hydro-Gramin Technology by Centurion University of Technology and Management,Paralakhemundi Campus



		2. International Conference on Rural Management at Xavier School of Rural Management ,Xavier University, Bhubaneswar on 23 rd and 24 th of November,2017
11	Dr Rema Das	International Conference on Hydro-Gramin Technology by Centurion University of Technology and Management,Paralakhemundi Campus
12	Dr Atanu Deb	1. International Conference on Hydro-Gramin Technology by Centurion University of Technology and Management,Paralakhemundi Campus 2. National Seminar Disaster Management by Centurion University of Technology and Management, Paralakhemundi Campus in September 2017.
13	Dr. P. K. Singh	1. International symposium on “Eco- Efficiency in Agriculture and Allied Research”. Crop and Weed Science Society, B.C.K.V., Mohanpur, Nadia (WB). 20-23 Jan.20017. 2. International Conference on “Contemporary Issues in Integrating Climate-The Emerging Areas of Agriculture, Horticulture, Biodiversity, Forestry; Engineering Technology, Fundamental/Applied Science and Business Management for Sustainable Development”. Himalayan Scientific Society for Fundamental and Applied Research. Kalimpong Science Centre, Kalimpong, West Bengal, India. 11-12 May 2017. 3. National Seminar on “Nutrients and pollutants in soil-plant-animal-human continuum for sustaining soil, food and nutritional security - way forward”. Bidhan Chandra Krishi Viswavidyalaya, West Bengal in collaboration with National Academy of Agricultural Sciences, New Delhi. 9-10, June 2017. 4. Oral presentation at 9 th International Conference on ‘Hydro-Gramin Tech. (Sustainable Agriculture, Rural Development & Livelihood Improvement). International Institute of Bengal Basin (IIBB) in collaboration with CUTM, Paralakhemundi, Odisha.28-29, Oct 2017.
14	Dr. P. Senjam	1. Oral presentation at “9 th International Conference on Hydro - Gramin Technology”, 28 th -29 th October, 2017, International Institute of Bengal Basin, CUTM, Paralakhemundi, Odisha. 2. Oral presentation at “International Conference on Mathematical Sciences in Engineering Applications”, 22-24 th December, 2017, BABA institute of technology and Sciences, Visakhapatnam
15	Dr. S. Das	1. Participated in 9 th International Conference on Hydro-Gramin Technology (Sustainable Agriculture, Rural Development and Livelihood Improvement) at CUTM, Paralekhamundi, Odisha.
16	Dr. Sagar Maitra	National Seminar on Disaster Management and Mitigation, held at CUTM on 01-02 September, 2017Paper presented by: Dr. Sagar Maitra, Title & authors: Nanotechnology in Organic Based Farming



		in Low Activity Clay Ecosystems: Calling Policy Intervention, Sagar Maitra, Siddhartha S Mukhopadhyay and A. Zaman
17	Prof. A. Zaman	National Seminar on Judicious Use of Water and Fertilizer in Modern Agriculture, held at Naihati RBC College, West Bengal on 20 January, 2018 Keynote topic: Sustainable agriculture: the modern concept
18	Prof. G.C. Mishra Ms. Bandana Rani Barik Mr. M. Roja	9th International Conference on 'Hydro-Gramin Technology (Sustainable Agriculture, Rural Development and Livelihood Improvement) held on October 28-29, 2017, by the International Institute of Bengal Basin (IIBB), USA in collaboration with CUTM, Paralakhemundi, Odisha.

**Library Status (Purchased) 2017 -18
Paralakhemundi Campus**

Sl.No.	Books	Title	Volume	Amount
1.	Engineering	119	414	Rs.1,74,861.00
2.	Agriculture	302	821	Rs.5,16,817.00
Total		421	1235	Rs.6,91,678.00
1.	E-journals/Databases (On-Line)	IEEE-aspp/ASME/Elsevier/J-Gate (4 e-journal packages)		Rs.17,69,386.00
2.	Print	28 journals / 20 Magazines		Rs.89,419.00
Total (Journals & Magazines)				Rs.18,58,805.00

Library Status (Purchased) 2017 -18 Jatni Campus

Sl.No.	Books	Title	Volume	Amount
1	Engineering	41	89	Rs.1,11,846.27
2	MBA	05	05	Rs.1159.00
3	SoASC	215	1291	Rs.4,38,938.00
4	SoAPAD	11	11	Rs.18,546.90
5	SoVET	147	2858	Rs.10,48,751.00
6	SoPL	70	526	Rs.5,22,106.00
7	SoMAC(ICS)	30	36	Rs.20,287,.75
8	SoPAHS (Paramedic)	98	309	Rs.1,62,554.00
Total		617	5125	Rs.23,24,188.92



Distinguished visitors along with Purpose of visit and date Jatni Campus				
Sl. No	Date of Visit	Name of Visitors	From	Purpose
1	11-12-2017	Mr. Steven Herbert	Former Minister, Skills and Training, Australia	Attend Convocation 5 th
2	11-12-2017	Prof. Ruth Wallace	Director, Northern Institute, Charles Darwin University, Australia	Attend Convocation 5 th
3	30-11-2017	Mr Beijpal Singh	(QCMA consulting Inc)	for delivering a seminar on Quality Management in Power system
4	28/29-01-2018	P. Raja Manickam, Founder & CEO Purno Mohanty, VP (USA)	Tessolve Semiconductor, Bangaluru	Collaboration with CUTM
5	12-06-2017	Mr. Managobinda Mishra, Managing Director	Nemhans Solutions Pvt. Ltd., N4/234, IRC Village, Nayapalli, Bhubaneswar - 751015	BoS
6	30-04-2017 01-05-2017	Arpita Mitra, VP	Cranes Varsity, Bangauru	Training
7	12-06-2017	Prof. D. P. Acharya, Associate Professor	Department of Electronics and Communication Engg, NIT, Rourkela	BoS
8	30-10-2017	D. V. R. Murthy, VP	Invecas, Hyderabad, India	Guest Lecture and recruitment
9	20-10-2017	S.S. Ali	(Senior Engineer)	for a presentation on EPS building
10	17-01-2018	Suryakant Hota	former Project Manager)	Visited on Dt. for a Seminar on "New Trends in Civil Engineering construction"
11	27-03-2017	Prof. Radhakant Padhi IISc, Bangalore	deliver FDP	Comprehensive Overview of Flight



12	09-12-2017	Prof. S. S. Mahapatra Rourkela NIT	deliver FDP	Optimization Techniques in Manufacturing
13	19-06-2017 to 21-06-2017	Mr. Mohammed Tarique Khan	give training to faculty members	On Yamaha two wheeler maintenance.
14	15-01-2018	Dr. Sumit Chand, Vice President, Altisource Technology ,	Altisource Technology , Bangalore	Delivered a talk on Machine Learning to CSE students
15	20-01-2018	Mr. Deepak Kumar	Red Hat Hyderabad	Delivered a talk on Cloud Computing and Linux to CSE students
16	12-06-2017	Mr. Ram Prasad Pattanayak	Infosys , Bhubaneswar	BoS
17	12-06-2017	Mr. Girija Nanda	Infosys , Bhubaneswar	BoS

Distinguished visitors along with Purpose of visit and date (Paralakhemundi Campus)

Sl. No	Date of Visit	Name of Visitors	From	Purpose
1	7-10-2017	Dr. Paramananda Dutta		Ph.D External
2	24-11-2017	Dr. Y. Srinivas		Ph.D External
3	09-01-2017	Dr. AZIZ Rehuan	Deakin University- Melbourne	
4	13-01-2017	Sridhar Reddy	Wadia Techno Engg. Sercher Ltd.	
5	13-01-2017	Hichartas Sunny	Vision Techlogich.	
6	02-02-2017	Sri. Ram Mohan Naidu	Member of Parliament, Srikakulam, AP	
7	02-02-2017	Heaeyffr Rhe	Gavy Nava Gu Seoul, Korea	
8	02-02-2017	Prof. K. R. Frivathan	IIT, Bhubaneswar	
9		Shri. K. S. Pannu	Punjab	
10		Arpila Raksif	CDC Group Plc, London	
11	23-06-2017	Guermas Cila	Franc	
12	23-06-2017	Sally Yalden	Braishheld, UK	
13	29-06-2017	Dr. Cripson Varghese	NSOC, New Delhi	
14	06-09-2017	Rayani Kamrbra	Sagar Lifts, Mumbai	
15	16-09-2017	Mr. S. M. Hajila		
16	16-09-2017	Mr. Murkusi Kamandra		
17		K. P. Murti	Bangalor	
18		Dr. U. V. Basu	Himalaya Drug Company, Bangalor	
19	09-11-2017	Sibaram Vemuri	Australia	
20	09-12-2017	Horsteve Herbert	Melbourn, Australia	
21	27-01-2018	Dr. Alok Pandey	Pondicherry	



22	06-01-2017	Mr. K.P.Meher	(Principal,ITI),Chandragiri	Visit to labs and production unit
23	31-01-2017	Mr. Tracy Goodwin	(CONNIE AHSEE) TAFE Western,Australia NSW	Skill unit visit
24	20-02-2017	Mr. Goutam Nayak	Trainer,Govt.ITI,Chandragiri	Visited our labs
25	12-03-2017	Mr. S.Tirupathi	(HM) Education Dept,UGHS,Jhammi	Skill unit visit for students
26	12-03-2017	Mr. Sailendra Patro Mr. Debendra Mr. Budu Ram Panda Mr. Y.Krishna Rao	Jeeba Gumma Engereda Munising	Skill unit visit with students
27	15-03-2017	Mr. K.P.Meher Mr. A.K.Tripathy	Principal,ITI,Chandragiri Dist.Employment Officer,Gajapati	Visit with students
28	18-03-2017	Mr. B.Pradosh Sharma,	NLM.MoRD	Interaction with students for placement and skill utilisation
29	02-04-2017	Ms. Nilam Saran,	BM,UCO bank	Visited SMO
30	17-04-2017	Mr. Kedar Nath Bhoi,	Tahasildar,Paralakhemundi	Visited SMO and interacted with students
31	15-05-2017	Mr. Achyutananda Janni,	ATO	Visited University & discussed with trainees of different center
32	08-06-2017	Mr. R.K.Pradhan,	Cheif Executive,DSMS	Visit to all unit and motivation class for students
33	12-07-2017	Mr. Sidhhanta Mohapatra,	Member of Parliament,Odisha	PMKK Inauguration
34	19-07-2017	Mr. R.K.Pradhan,	Cheif Executive,DSMS	Only for visit to motivate students



35	31-07-2017	Mr. R.K.Pradhan,	Cheif Executive,DSMS	Visited To know the training status and difficulties during mobilization
36	07-09-2017	Mr. A.K.Tripathy,	Dist.Employment Officer,Gajapati	Visited OSDA units
37	09-09-2017	Ms. Rakhi Ghosh		Skill unit visit
38	20-10-2017	Mr. Kartik Chandra Mohapatra,	DC Skill,Gajapati	Students interaction,motivation and suggestion
39	24-10-2017	Shri Vishal Gagan	MD,OMFED Milks	To visit our Dairy unit
40	27-10-2017	Mr. R.K.Pradhan,	Cheif Executive,DSMS	Exposure visit on NYK(Nehru Yuva Kendra)
41	27-10-2017	Mr. Ashok Kumar Dash,Mr.Sudam Charan sabat,	DYC of NYK, Gajapati Accountant,NYK,Gajapati	Branding
42	06-11-2017	Mr. Rajdeep Mohanty		3D printing lab
43	14-11-2017	TAFE team		To know about mobilisation strategy at ground level and how school drop out students are being employed
44	25-11-2017	Mr. Kartik Chandra Mohapatra,	DC Skill,Gajapati	Visited and met with all trainees
45	09-12-2017	Mr. Steven Herbert Mr. Prof. Ruth Wallace		Interaction with soft skill team and visited all unit
46	13-12-2017	Mrs. Annapurna Pandey, Mr. Steve Perker	NSW	Survey on girls life in India with soft skill team
47	20-12-2017	Mr. A.K.Tripathy	Dist.Employment Officer,Gajapati	Visited To know the training status and difficulties during mobilization



48	05-01-2018	Mr. Prakash Sharma, & Mr. Abhinav Madan	CFO,NSDC	Gramtarang unit visit
49	14-01-2018	TAFE students	Australia	Visit of Production unit
50	29-01-2018	Mr. R.K.Pradhan	Cheif Executive,DSMS	Student motivation for employment
51	30-01-2018	Mr. Anupam Saha, IAS	Collector,Gajapati	All the labs,workshop of GTET
52	06-02-2018	Mr. Prof Weilding	Australia	All labs and workshop of GTET
53	26-10-2017	Dr. R.B. Ghosh	California, USA	Organizer of International Conference (held on October 28-29, 2017)
54	28-10-2017	Dr. Ashwani Kumar	Former Director, ICAR- Water Management Institute	As Chief Guest of International Conference (held on October 28-29, 2017)
55	29-10-2017	Dr. Prabhakar Nanda,	Principal Scientist, ICAR-Water Management Institute	As Guest Speaker of International Conference (held on October 28-29, 2017)
56	29-10-2017	Dr. B.K. Mahapatra	Principal Scientist, ICAR-CIFE	As Guest Speaker of International Conference (held on October 28-29, 2017)
57	28-10-2017	Dr. Amlanjyoti Kar	Director, Central Ground Water Board, Kolkata	As Guest Speaker of International Conference (held on October 28-29, 2017)
58	12-01-2018	Mr. R.K. Mandal	Dy. General Manager, APEDA	To address in the inaugural session of a training program



59	August 2017	Dr. Nawshad Haque	Senior Western Australia Scientist, Precinct,	Official
60	August 2017	Dr. Gagnesh Sharma	Regional Director of Organic Farming, Govt of India	Official
61	November 2017	Dr. U. V. Babu	Himayala Drug Company, Bangalore	Official
62	27th April	Sri Charanjit Singh Channi	Punjab Technical Education and Industrial Training Minister and team	Official
63	27th April	Sri K.S.Pannu	Secretary, Industrial Training	official
64	7th Nov	Rajan Ku Mohapatra, SRISTI Organisation		Interaction with students
65	29th Oct	Sri Ram	BCT, Vizag	Addressed the students
66	30th Sep	Dr. Varghese		NSDC inspection
67	19th Sep	Bijaya Babu	State Manager Odisha Dhan Foundation	Addressed the students

Academic achievements / accomplishments of faculty members (as a keynote speaker, chaired the conference, board member of Govt. / bodies, research project coordinators etc...)

Paralakhemundi Campus		
SL NO	Department	Achievement
1	Management	P Kalyan Chakravarthy Awarded Doctoral Degree in Human Resource Management (Stress Management) from Acharya Nagarjuna University, Guntur, AP
2	Management	Anita Patra Delivered a Keynote address given on the topic “Issues and Prospects of Women Entrepreneurship: Cases from Rural India” at 2 nd International Conference on Mathematical Sciences in Engineering Applications (ICMSEA) 2017, at Baba Institute of Technology and Sciences, Vishakhapatnam on 22 nd Dec to 24 th Dec 2017.

3	Humanities	Prof. Amir Prasad Behera Awarded Doctoral Degree in English (Emotional Intelligence in a Multi-sector State Private University-A Communicative Approach) from Centurion University of Technology and Management, Paralakhemundi
4	Humanities	Prajna Pani Produced One Research Scholar
5	Humanities	Prajna Pani -Editor, CFTRA Global (Confidence Foundation Teachers Trainers Research Association).
6	Humanities	Prajna Pani Chaired a session in the U.G.C National Seminar on Interrogating Woman, Environment, Literature: Eco critical Perspectives, SKCG College, Gajapati, 10-11 Nov. 2017.
7	Humanities	Prajna Pani Delivered a Plenary Talk, U.G.C National Seminar on Interrogating Woman, Environment, Literature: Eco critical Perspectives, SKCG College, Gajapati, 10-11 Nov. 2017.
8	Humanities	Prajna Pani Chaired a technical session in International Conference on Incorporating Folklore Studies in Management Practices, KIIT, 26-27 Dec. 2017.
9	CSE	Mr. Bhavani Sankar Panda awarded in 2017 Doctoral Degree in CSE (Expert System Development for Retrieval of Missing Data through Soft Computing Techniques) from Centurion University of Technology and Management, Paralakhemundi
10	Basic Science	Mr. Narayan Gouda awarded in 2017 Doctoral Degree in Chemistry (Production of Renewable fuel from different biomasses through thermochemical conversion) from Centurion University of Technology and Management, Paralakhemundi
11	Basic Science	Ms. Deepika Patnaik awarded in 2017 Doctoral Degree in Mathematics (Efficient Algorithms and Architectures for VLSI Implementation of 1-D, 2-D and 3-D DCT) from Centurion University of Technology and Management, Paralakhemundi
12	Civil Engg.	Prof. Prafulla Kumar Panda 1. Life member of Indian Society of Remote Sensing (ISRS) (Membership id: L-4839) 2. Life member of the ISRD (Membership id: M4150903160) 3. Editorial Board Member: International Journal of Emerging Technology and Advanced Engineering, India 4. Reviewer for Journal of Advances in Technology and Engineering Research
13	School of Agriculture	Prof. A. Zaman attended as Chief Guest and Keynote Speaker in the National Seminar on Judicious Use of Water and Fertilizer in Modern Agriculture, held at Naihati RBC College, West Bengal on 20 January, 2018, Organized by IFFCO.



14	School of Agriculture	Sasmita Priadarshani Dash awarded Ph.D degree in 2017 from IGKV, Raipur
15	School of Agriculture	Priyadarsini P. Mahapatra awarded Ph.D degree in 2017 from BCKV, west Bengal
16	School of Agriculture	Atanu Deb awarded Ph.D degree in 2017 from Vivekananda University, Ranchi, Jharkhand.
17	School of Agriculture	Rema Das, awarded Ph.D degree in 2017 from Utarabang Krishiviswavidyalaya, west Bengal
18	School of Agriculture	Shantanu Das awarded Ph.D degree in 2017 from Asam Agriculture University, Jorhat, Assam.
19	School of Agriculture	Nandini Padhi awarded gold medal as a topper from OUAT in fisheries science.
20	School of Agriculture	Priyanka Nandi, Piyali Dutta, Umalaxmi Thingujam, Pushparani Senjam, Rojeet Thingujam submitted Ph.D thesis.
21	School of Agriculture	Dr.Saurav Barman, Dr.Sagar Maitra, Dr.B.praveen, Dr.Abid Hussain, Dr.A.Pal, Dr.Tanuj Mandal, Madhuri Patnaik, Subhendu Jena, Bijaya Bharati Bag, Dr.Rahul Adhikary, Priyanka Nandi, Priyadarsini Mahapatra – developed QP for NSDC project in different area

Academic achievements / accomplishments of Faculty members.(as a Key note speaker, chaired the conference, board member of Govt./ bodies, research project coordinators etc...)

Jatni Campus		
SL NO	Department	Achievement
1	CIVIL	Rakesh Kumar Jena Invited as Chief Guest for National workshop on “Total Station & its field application” organised by Dept. of Civil Engg., Synergy Institute of Engineering & Technology(SIET), Dhenkanal.
2	EEE	Prof. Jagannath Padhi as a speaker on Skill Integration in education system
3	EEE	Dr Nidhi Meher as a speaker on Present Trends in automation and control systems at VSSUT, Burla
4	ECE	Dr. S.K. Mandal Chaired a Session at “International Conference on Mathematical Sciences in Engineering Applications (ICMSEA - 2017), December 22-24, 2017 at Visakhapatnam, Andhra Pradesh, India.”
5	Mechanical	Dr.R.C.Mohanty delivered a seminar talk on the topic “Finite Element: A Solution to Engineering Problems” held on 31 st March 2017 at Centurion University, Jatni Campus, Odisha, India.

6	CSE	Dr. Anurag Keynote speaker at “International Conference on Mathematical Sciences in Engineering Applications (ICMSEA - 2017), December 22-24, 2017 at Visakhapatnam, Andhra Pradesh, India.”
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Lectures delivered by staff members in different forums

Jatni Campus		
Sl. No.	Name of Staff	Title Location
Electronics and Communication Engineering		
1	Dr. S.K. Mandal	International Conference on Mathematical Sciences in Engineering Applications (ICMSEA - 2017), December 22-24, 2017 at Visakhapatnam, Andhra Pradesh, India.

Lectures delivered by staff members in different forums

Paralakhemundi Campus		
Sl. No.	Name of Staff	Title & Location
Civil Engineering		
1	Prof. Prafulla Kumar Panda	1. Disease Vulnerability Mapping Using Geospatial Technology – A Case study for Gajapati District, Odisha-Geospatial Public Health Symposium July 1st 2017, at ASCI, Hyderabad. 2. Water Quality Index Mapping Using Geospatial Technology – A case Study for Paralakhemundi Town, Odisha Asian Conference on Remote Sensing, 2017, New Delhi on 25 th October 2017.
Basic Science		
1	Dr. Ashok Mishra	Modeling Flow and Heat Transfer of a Particulate Suspension, Baba Institute of Technology and Sciences (BITS), Visakhapatnam in association with Centurion University of Technology and Management, Odisha, 2 nd International Conference on Mathematical Sciences in Engineering Applications, 22 nd -24 th December 2017
Management		
1	Dr. Amir Prasad Behera	A Career Counseling Talk at Central School of Paralakhemundi on July 12 th 2017
2	Dr. Girish Prasad Rath	1. Conducted a workshop as a Resource Person on “team building” as a resource person in one day UGC sponsored Workshop on Communication Skills and Technical Writing, organized by the Department of English, SBR Govt. Auto. Women’s College, and Berhampur on 31.03.2017.



		2. Conducted a workshop as a resource person on “The Art of Anchoring” in the National Workshop on Compering organized by ELTAI Khadesh Chapter. Dhule.Maharashtra.on 17 th Dec’2017.
3	Prof.M.Sudharsan Rao	1. Delivered a talk on Youth Leadership in Present @ Parasuram College ,Sevakpura,Gajapati on 14.09.2017 2. Delivered a talk on Block Level Seminar at Gandahati Govt School on 01.04.2017
School of Agriculture		
1	Mr.Kartik Pramanik	Training programme on Scientific cultivation of Chilli organised by MSSSoA & APEDA in CUTM
2	Dr. Pushpalatha G.	Dept of Biotechnology, CUTM, honoured as an invited speaker (Topic: Recombinant DNA Technology) at SKCG College, Paralakhemundi, Orissa on 20 th January 2018.
3	Dr. Kousatava K. Panda,	Dept of Biotechnology, CUTM, was invited as a speaker (Topic: Carbohydrates – Biological Importance) at SKCG College, Paralakhemundi, Orissa on 20 th January 2018.
4	Dr. Ramana G.,	Dept of Biotechnology, CUTM, was invited as a speaker (Topic: Carbohydrates – Biological Importance) at SKCG College, Paralakhemundi, Orissa on 20 th January 2018.
5	Priyadarsini P.Mahapatra	Training programmes on cashew,pineapple and vegetables at dept.of Horticulture, Pathapatnam, AP
6	Dr.Saurav Barman, Mr.Licon, Dr.tanuj mandal,Mr.Kartik Pramanik	Training on Vermicompost, Organic farming, mushroom cultivation and horticulture nursery at Tata Steel, Jajpur
7	Dr.Saurav Barman	Training on Soil health, natural farming, Organic farming, to IDEI farmers at Goalda, Baripada

Academic achievements / accomplishments of students (GATE, CAT, MAT, Civil services etc.)

Jatni Campus		
Department: Mechanical Engineering		
Sl No.	Name of Student	Achievement
01	Two Students	GATE



Academic achievements / accomplishments of students (GATE, CAT, MAT, Civil services etc.)

Parlakhemundi Campus		
Electrical and Electronics Engineering		
Sl. No.	Name of the Student	Achievement
1	AbhilashSahu	GATE qualified
2	AsishSrivastav	GATE qualified
Civil Engineering		
1	Biswajit Pradhan	GATE, Gate score 264
M S Swaminathan School of Agriculture		
1	Dibyasmith Parida	Selected in NIAM,Jaipur, Rajasthan
2	Tapan Kumar Rout	Joined Agr-Business Management in VAMNICOM,Pune
3	Pavan Kumar Ganduri	Co-authored in a publication
4	RamyaSri Pondala	Co-authored in a publication
5	Venkat Reddy Marthala	Co-authored in a publication
6	Sarath Kumar	Developed multistage cropping system in campus
7	Mr.Pradash Parida, Mr.Soumya Ranjan Behera, Mr.Alok Kumar Behera & Mr.Balakrishna Mahapatra	Attended the final round competition in Sustainable entrepreneur award, Jagruti Yatra conducted by Tata institute of social science, Mumbai.

Innovative Programmes

Jatni Campus	
1	Two new domain courses: i) Design, Fabrication and Repair of Transformers upto 33kV. ii) Operation and Maintenance of Transmission and Distribution System
2	Centre for Instrumentation Fabrication Dr (Prof). Nidhi Meher



Innovative Programmes

Paralakhemundi Campus	
1	MBA Agri Business Management
2	Be A Contributor Course
3	Certificate Course on Saura Language
4	First Department (Department of Biotechnology) to initiate research in agriculture based concepts and publish the same. Innovative project in Organic farming

New laboratories

Jatni Campus	
Department: CSE	
Sl. No	Laboratory
1	Augmented reality and Virtual reality
Department: EEE/EE	
Sl. No.	Laboratory
1.	Transformer Lab

New laboratories

Paralakhemundi Campus	
Sl. No.	Electrical and Electronics Engineering
1.	Automation Lab which Consist of Siemens Plc's and Variable Frequency Induction Motor Drive.
Sl. No.	School of Vocational Training and Education
1	Lab for Phlebotomy
2	Lab for General Duty Asst
3	Lab for Beauty and Wellness
Sl. No.	M S Swaminathan School of Agriculture
1	Plant Tissue Culture and Plant Molecular Biology
2	Biochemistry Laboratory
3	Aquaculture lab



Paralakhemundi Campus	
4	Fisheries Resource Management lab
5	Agronomy lab for M.Sc.Agronomy
6	Horticulture lab for M.Sc.Horticulture
7	Advanced food testing lab(Spray dryer, freeze dryer and vacuum dryer)

Research Publications

Paralakhemundi Campus		
Sl no	Faculty	Research Publication
Electrical and Electronics Engineering		
1	P.Sunita	<ul style="list-style-type: none"> Paper in SSRG International Journal of Communication and Media Science (SSRG-IJCMS) – volume 4 Issue 4– July to August 2017
2	Satish Kumar Ramoji	<ul style="list-style-type: none"> Satish Kumar Ramoji, Bibhuti Bhusan Rath, D. Vijaya Kumar “Optimum Design of a Hybrid PV-Wind Energy System Using Genetic Algorithm (G.A)”, Vol. 04 - Issue 01, IV5 (January – 2014), IOSR Journal of Engineering, pp. 38-48, [ISSN (online): 2250-3021, ISSN (print): 2278-8719]. DOI:-10.9790/3021-04153848, ANED: - 0.4/3021-04153848, ESCI-MML:-3021-0401-0537, University Grant Commission (UGC), Approved Journal (Journal No. - 48349). Satish Kumar Ramoji, B.Jagadish Kumar “Optimal Economical sizing of a PV-Wind System using Genetic Algorithm and Teaching Learning Based Optimization”, Vol. 03 - Issue 02, (February – 2014), International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE),pp. 7352-7367, [ISSN (online): 2278-8875, ISSN (print): 2320-3765]. University Grant Commission (UGC), Approved Journal (Journal No. - 48145).
3	Manoj Samal	<ul style="list-style-type: none"> 1 in SSRG International Journal of Communication and Media Science (SSRG-IJCMS)
Civil Engineering		
1	Prafulla Kumar Panda	<ul style="list-style-type: none"> Pranati Panda ,M.L.Narasimham,Prafulla Kumar Panda Rainfall Data Analysis for Estimation of Rainfall Erosivity Factor International Journal of Engineering, Science and Mathematics Vol. xIssue x, Month 201x, ISSN: 2320-0294 Impact Factor: 6.765 Bibhu Prasad Behera, Prafulla Kumar Panda, M.L.Narsimham Water Quality Index Mapping Using



		<p>Geospatial Technology –A case Study for Paralakhemundi Town, Odisha Asian Conference on Remote Sensing,2017</p> <ul style="list-style-type: none"> • Prafulla Ku. Panda,M.L.Narasimham, and I.V.MuralikrishnaDisease vulnerability and control mapping using geospatial technology –a case study for tribal blocks of Rayagada, Asian Conference on Remote Sensing, 2017 • Madusmita Ghadai, Prafulla Kumar Panda and M.L.Narasimham, Studies on Assessment of Ground Water Pollution Vulnerability Index for CUTM Campus Paralakhemundi, Odisha through Application of “DRASTIC” Model, International Journal of Advanced Remote Sensing and GIS 2017, Volume 6, Issue 1, pp. 2424-2435 • Prafulla Kumar Panda and G.Tanuja Land use and land cover change detection study using space input andGIS -a case study for Gajapati district, Odisha international Journal of Recent Scientific Research Vol. 8, Issue , 9, pp.2489-2491, September , 2017,19815-19819 • M.L.Narasimham,Prafulla Kuamar Panda and Bibhu Prasad Behera: Disease Vulnerability Mapping Using Geospatial Technology –A Case study for Gajapati District, Odisha-Geospatial Public Health Symposium 2017
2	Dr.M.L.Narsimham	<ul style="list-style-type: none"> • Pranati Panda ,M.L.Narasimham,Prafulla Kumar Panda Rainfall Data Analysis for Estimation of Rainfall Erosivity Factor International Journal of Engineering, Science and MathematicsVol. xIssue x, Month 201x, ISSN: 2320-0294 Impact Factor: 6.765 • Bibhu Prasad Behera, Prafulla Kumar Panda, M.L.Narsimham Water Quality Index Mapping Using Geospatial Technology –A case Study for Paralakhemundi Town, Odisha Asian Conference on Remote Sensing,2017 • Prafulla Ku. Panda,M.L.Narasimham, and I.V.MuralikrishnaDisease vulnerability and control mapping using geospatial technology –a case study for tribal blocks of Rayagada, Asian Conference on Remote Sensing, 2017 • Madusmita Ghadai, Prafulla Kumar Panda and M.L.Narasimham, Studies on Assessment of Ground Water Pollution Vulnerability Index for CUTM Campus Paralakhemundi, Odisha through Application of “DRASTIC” Model, International Journal of Advanced Remote Sensing and GIS 2017, Volume 6, Issue 1, pp. 2424-2435 • M.L.Narasimham,Prafulla Kuamar Panda and Bibhu Prasad Behera: Disease Vulnerability Mapping Using Geospatial Technology –A Case study for Gajapati District, Odisha-Geospatial Public Health Symposium 2017



3	Pranati Panda	<ul style="list-style-type: none"> Pranati Panda ,M.L.Narasimham,Prafulla Kumar Panda Rainfall Data Analysis for Estimation of Rainfall Erosivity Factor International Journal of Engineering, Science and Mathematics Vol. x Issue x, Month 201x, ISSN: 2320-0294 Impact Factor: 6.765
4	Madusmita Ghadai	<ul style="list-style-type: none"> Madusmita Ghadai, Prafulla Kumar Panda and M.L.Narasimham, Studies on Assessment of Ground Water Pollution Vulnerability Index for CUTM Campus Paralakhemundi, Odisha through Application of “DRASTIC” Model, International Journal of Advanced Remote Sensing and GIS 2017, Volume 6, Issue 1, pp. 2424-2435
5	Sunita Sarangi	<ul style="list-style-type: none"> S.Sarangi,B.Bikram Narayan characteristics of recycled aggregate concrete with respect to composition & binder ratio variation International Journal of Engineering, Science and Mathematics Vol. x Issue x, Month 201x, ISSN: 2320-0294 Impact Factor: 6.765
Electronics and Communication Engineering		
1	Prof. Sandipan Pine	<ul style="list-style-type: none"> Performance Evaluation and Implementation of Parallel Multipliers, International journal of VLSI system design and comm system, Vol-5, issue -3, March 2017
2	Prof. Sandipan Pine	<ul style="list-style-type: none"> Controlling a Wheeled Robot through Field Programmable Gate Array, International Journal of Engineering, Science and Mathematics Vol. 6 Issue 8, December 2017 (Special Issue)
3	Prof. Satya Narayan Padhy	<ul style="list-style-type: none"> Modelling and Simulation of Bridgeless SEPIC PFC Rectifier Operating in Continuous Conduction Mode, International Journal of Engineering, Science and Mathematics Vol. 6 Issue 8, December 2017 (Special Issue)
4	Prof. Prabhat kumar Patnaik	<ul style="list-style-type: none"> A Novel approach of Parameter Extraction of Distributed MEMS Transmission Line using Neural Network , International Journal of Engineering, Science and Mathematics Vol. 6 Issue 8, December 2017 (Special Issue)
Mechanical Engineering		
1	Dr. P. Srinivasa Rao	<ul style="list-style-type: none"> A novel method for joining of Aluminium alloy AA6061 plates by friction stir welding using vertical milling machine,International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056,Volume: 04 Issue: 09 Sep -2017

2	Dr. P. Srinivasa Rao	<ul style="list-style-type: none"> Experimental Investigation of EDM Parameters on Aluminum & Stainless Steel 304, International Journal of Engineering, Science and Mathematics, Vol.6 Issue 8, December 2017,
3	Dr. P. Srinivasa Rao	<ul style="list-style-type: none"> Effect Of Hybrid Dielectric Fluid On The Performance Of Edm Parameters, International Journal of Engineering, Science and Mathematics, Vol.6 Issue 8, December 2017, Vol. 6 Issue 8, December 2017 (Special Issue) ISSN: 2320-0294 Impact Factor: 6.765
4	Mr. Amrit Mallick	<ul style="list-style-type: none"> A novel method for joining of Aluminium alloy AA6061 plates by friction stir welding using vertical milling machine, International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, Volume: 04 Issue: 09 Sep -2017 Vol. 6 Issue 8, December 2017 (Special Issue) ISSN: 2320-0294 Impact Factor: 6.765
5	Mr. Amrit Mallick	<ul style="list-style-type: none"> The Effect of functionalities MWCNT on Mechanical and electrical properties of PMMA Nanocomposites.", Nanoelectronic Materials and Devices. Lecture Notes in Electrical Engineering, vol 466. Springer, Singapore
6	Mr. Sujit Mishra	<ul style="list-style-type: none"> Simulation of Aerodynamic Flow Parameters over a Simplified Sedan Car, International Journal of Engineering, Science and Mathematics, Vol.6 Issue 8, December 2017, Vol. 6 Issue 8, December 2017 (Special Issue) ISSN: 2320-0294 Impact Factor: 6.765
7		<ul style="list-style-type: none"> Presented a paper titled "Wear of Functionalized Multiwall Carbon Nanotubes Decorated Polymethylmethacrylate Nanocomposites" at International Conference on Composite Materials and Structures- ICCMS 2017 at IIT Hyderabad from 27 th to 29 th Dec 2017.
Basic Science		
1	Aditya Kumar Pati, Ashok Misra and Saroj Kumar Mishra	<ul style="list-style-type: none"> Effect of Electrification of Nanoparticles on Natural Convective Boundary Layer Flow and Heat Transfer of a Cu-Water Nanofluid past a Vertical Flat Plate International Journal of Engineering, Science and Mathematics 2320-0294, 2017, Vol. 6, Issue 8, pp.1254-1264
2	Sujit Mishra, Ashok Misra, P.S.V. Rana Rao and D. Nageswar Rao	<ul style="list-style-type: none"> Simulation of Aerodynamic Flow Parameters over a Simplified Sedan Car, International Journal of Engineering, Science and Mathematics, 2320-0294, 2017, Vol. 6, Issue 8, pp.1265-1274
3	Satyabrata Dash and Ashok Misra	<ul style="list-style-type: none"> Classification of Threats in Cloud Environment, International Journal of Engineering, Science and Mathematics, 2320-0294, 2017, Vol. 6, Issue 8, pp.1316-1327



4	Satyasis Mishra, Ashok Mishra and TadesseHailuAyan e	<ul style="list-style-type: none"> • Separation of Indian classical seven tune signal from musical instrumental mixed signal using PCA/ICA based Fast-ICA method International Journal of Engineering, Science and Mathematics 2320-0294 2017, Vol. 6, Issue 8, pp.1301-1307
5	B.S.Panda, Ashok Misra & S.S.Gantayat	<ul style="list-style-type: none"> • Approach and Impute the Missing Data using Rough Set Rule Induction Method International Journal of Engineering, Science and Mathematics 2320-0294 2017, Vol. 6,
6	Ashok Misra	<ul style="list-style-type: none"> • Modeling electrification of spm on the thermal radiative Boundary layer flow of a particulate suspension over aStretching sheet in presence of heat source/sink International Journal of Engineering Sciences & Research Technology 2277-9655 2017, Vol-6(9), pp.505-513
7	B.S.Panda, S.S.Gantayat & Ashok Misra	<ul style="list-style-type: none"> • A Comparative Study of Handling Missing Data in Student Data Analysis using Rough Set and Soft Set International Journal of Computer Science & Engineering Technology 2229-3345 2017, Vol. 8,
8	Ashok Misra	<ul style="list-style-type: none"> • Modeling boundary layer flow and heat transfer of a Particulate Suspension Neural, Parallel, and Scientific Computations, Dynamic Publishers, Inc. USA ISSN: 1061-5369 2017, Vol.25, pp.417-433
9	M Parida*1, S.P.Nanda2 and S.C.Mishra3	<ul style="list-style-type: none"> • Sea water corrosion of abradable plasma spray coating International Conference on Recent Trends in Physics 2016 (ICRTP 2016) 012018 doi:10.1088/1757-899X/178/1/012018
10	M Parida*1, S.P.Nanda2 and S.C.Mishra3	<ul style="list-style-type: none"> • Sea water corrosion of Nickel base plasma spray coating 7th National Conference on Processing and Characterization of Materials (NCPCM 2017), NIT – Rourkela 178 012018 10.1088/1757-899X/178/1
11	Banitamani Mallik	<ul style="list-style-type: none"> • Mathematical Exposition on Eye Movements in Decision Dynamics Lt Col (Dr) J Satpathy, 2. Dr. Banitamani Mallik is ACCEPTED to be published in International Journal of Engineering, Science and Mathematics -by BITS VIZAG 2320-0294 Pages: 146-152 , Volume 6, Issue 8,, December 2017 (Special Issue) • Algorithm and Architecture for Prime-Factor IDCT Dr. Deepika Patnaik, 2. Dr. S.S. Nayak 3. Dr. Banitamani Mallik is published in International Journal of Engineering, Science and Mathematics -by BITS VIZAG) 2320-0294 Pages: 146-152 , Volume 6, Issue 8,, December 2017 (Special Issue)



12	Banitamani Mallik	<ul style="list-style-type: none"> Women Army Officers from North-East (Study on Problems and Prospects) Department of Anthropology, North Guwahati College, Ghy-31 October 13th &14th, 2017
Computer Science Engineering		
1	Dr. M. Vamsi Krishna	<ul style="list-style-type: none"> Internatinal Journal of Computer Science and Mobile Applications, Paper ID: V51011.
School of Management		
1	Dr. Anita Patra	<ul style="list-style-type: none"> Use of Library Resources by the Students of Private Engineering Colleges: A Case Study of Odisha, International Journal of Research in Library Science, ISSN: 2455-104X, Volume No. 3, Issue No. 1 (January-June 2017) Mentoring in Educational Institutes: A Holistic Approach International Multi Journal, ISSN 2454-2105, Volume IV, Issue-2, May to August 2017 Emotional Intelligence in Higher Education: A Scale Development, International Journal of Education & Research, ISSN-p-2231-5632. E-2321-3671, Volume No.7, Issue-3, September 2017
2	Dr. Prajna Pani	<ul style="list-style-type: none"> Learning to Learn Attitude, Self-Efficacy and Communication: Exploring The Triad, Asian Journal of Management, ISSN: 2321-5763(Online), 0976-495X(Print), 2018 Emotional Intelligence in Higher Education: A Scale Development for consideration in International Journal of Education and Management Studies, IAHRW Publications Private Limited, ISSN: 2321-3671, e-ISSN: 2231-5632, Sept. 2017. Pedagogical Implications: Factors Affecting Learners' Communication Efficacy, International Journal of Literary Studies, IAHRW Publications Private Limited, June 2017, 7 (1-2), 01-06. Communication Inventory: Selection and Validation with an Indian Population Sample, Asian Journal of Management, ISSN: 2321-5763(Online), 0976-495X (Print), June 2017. Mobile Apps for Active Ageing, Indian Journal of Gerontology, accepted for publication (Forthcoming Issue)

3	Prof Rashmi	<ul style="list-style-type: none"> • Psychographic Impact on Brand Loyalty of Customers in the Rural Market, 7th IIM Ahmedabad Conference on Marketing in Emerging Economies, Indian Institute of Management, Ahmedabad, 2017/1/12 • Cultural influence on brand loyalty of rural consumers in the Indian context, Journal of Asia Business Studies ,Volume 11, Issue Emerald Publishing Limited, 60-72, 2017/1/3 • BABA RAMDEV: The Marketing Guru, Management Doctoral Colloquium, IIT Kharagpur, Abstract Proceeding, VGSOM, IIT Kharagpur, 2017/2/8 • Exploration of Indian Rural market and marketing-Asia Pacific Journal of Marketing and Logistics, volume. 30,No.2 (forth coming) - Scopus indexed Emerald journal • Psycho graphic scale development - Accepted in Journal of Consumer Marketing - Scopus indexed Emerald Journal • Indian MBA: A paradigm shift- Asian Journal of Management, volume. 8, issue-1 • Sociographics of Rural Consumers in India, Conference-International Conference on Rural Management @XUB/XIMB, 2017/11/24
4	Dr.Amir Prasad Behera	<ul style="list-style-type: none"> • Communication Inventory: Selection and Validation with an Indian Population Sample, ISSN 0976-495X (Print), 2321-5763 (Online), Asian Journal of Management (AJM) Vol. 8 Issue 3, July- September, 2017 • Emotional Intelligence in Higher Education: A Scale Development” International Journal of Education and Management Studies, ISSN-p-2231-5632e-2321-3671 Volume 7, issue September, 2017, International Journal of Education and Management Studies.
5	Dr.P Kalyan Chakravarthy	<ul style="list-style-type: none"> • Work Life Balance, International Journal of Advance Management with Impact Factor 4.59 • CSR activities with reference to paper industries, Vrinda Publications
6	Prof. S. Kameswar Rao	<ul style="list-style-type: none"> • Citizens' satisfaction on drinking water amenity provided by Greater Visakhapatnam Municipal Corporation, Journal of Advance Management Research, ISSN: 2393-9664, Impact Factor:
M S Swaminathan School of Agriculture		
1		<ul style="list-style-type: none"> • Deb A and Sengupta A. 2017. Family farms of East Singhbhum, Jharkhand: A PRA based analysis. Global Journal for Research Analysis 6(2): 46-47.



2		<ul style="list-style-type: none"> • Deb A. 2017. Seasonal migration and child labour: case of brick kiln migration from Khedadidh, Jharkhand. Securing Childhood: Challenges, Opportunities and Strategies. XISS and UNICEF.
3		<ul style="list-style-type: none"> • Dipa Kundu, Rubina Khanam, SushantaSaha, Umalaxmi Thingujam and Hazra GC. (2017). Correlations on available boron and soil properties in soils of Cooch Behar districts in West Bengal. Journal of Applied and Natural Science 9(4) ISBN: ISSN-J064
4		<ul style="list-style-type: none"> • Gaikwad DJ, Barman S, Kumar P, Navyasri C, Prasanthi P. 2017. Response of organic manures at different growth phases on brinjal (<i>Solanum melongena</i> L.). National Seminar on “Nutrients and pollutants in soil-plant-animal-human continuum for sustaining soil, food and nutritional security - way forward”. June 9-10, 2017, organized by Bidhan Chandra Krishi Viswavidyalaya, West Bengal in collaboration with National Academy of Agricultural Sciences, New Delhi.
5		<ul style="list-style-type: none"> • Gaikwad DJ, Barman S, Reddy SC, Sunil KP, Abhishek N. 2017. The effect of farmyard manures and vermicompost on morpho-physiological attributes of tomato. National Seminar on “Nutrients and pollutants in soil-plant-animal-human continuum for sustaining soil, food and nutritional security - way forward”. June 9-10, 2017, organized by Bidhan Chandra Krishi Viswavidyalaya, West Bengal in collaboration with National Academy of Agricultural Sciences, New Delhi.
6		<ul style="list-style-type: none"> • Gaikwad DJ, Barman S, Swain S, Guntha J, Pradhan S, Sahu J. 2017. The effect of organic manures on morphological traits of brinjal. National Seminar on “Nutrients and pollutants in soil-plant-animal-human continuum for sustaining soil, food and nutritional security - way forward”. June 9-10, 2017, organized by Bidhan Chandra Krishi Viswavidyalaya, West Bengal in collaboration with National Academy of Agricultural Sciences, New Delhi.
7		<ul style="list-style-type: none"> • Hussain MA, Ahmad T, Tekeste M, Teklemariam N, Abraham N, Mehari N. 2017. A case study of insect pest complex of citrus and their management at Keren, Eritrea, and a note on their natural enemies. Journal of Entomology and Zoology Studies 5(3): 1226-1230.
8		<ul style="list-style-type: none"> • Kumar SK, Kundu S, Nandi P, Shekhar S, Adhikary RT, Ghosh B and Dutta P. (2017). Performance of ber in New



		Alluvial Zone of West Bengal. Journal of Crop and Weed 13(1): 189-191.
9		<ul style="list-style-type: none"> • Maitra S and Zaman A. (2017). Brown manuring - an effective technique for yield sustainability of cereals crops. International Journal of Bio-resources Science 4(1): 1-5
10		<ul style="list-style-type: none"> • Maitra S and Zaman A. (2017). Organic farming in India: status, scope and potential. Newsletter http://aditcert.net/newsletter/Organic-farming-in-India-Status-Scope-and-Potential.pdf: 2017: 1-10.
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12		<ul style="list-style-type: none"> • Patra S and Zaman A. (2017). Tapping the unrealized potential of residual soil moisture through mustard and rapeseed paira cropping in lowland rice ecosystem, Success stories of Water Management Project, Gayeshpur Centre (Series-1, Published by the ICAR in its Website: http://www.icar.org.in pp 114 – 117.
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14		<ul style="list-style-type: none"> • Pradhan K and Rema Das (2017). Exploration and Interpretation of women stakeholders' overall involvement in women led agricultural innovation system (AIS). Society of Extension Education, Agra 17 (3) ISBN: 0972-2181 (print) & 0976-1071 (online)
15		<ul style="list-style-type: none"> • Priyadarshani P, Mohapatra Mounika, Poonia V K Batra S Kajla Anil K Poonia 2017. Efficient protocol for mini-tuber production in potato cultivar Kufri Frysona. International Journal of Current Microbiology and Applied science 6(4): 889-892.
16		<ul style="list-style-type: none"> • Priyadarshani P, Mohapatra V, Batra K. (2017). Tissue culture of potato: A review. International Journal of Current Microbiology and Applied science 6(4): 489-495.
17		<ul style="list-style-type: none"> • Priyadarsini L, Singh PK, Chatterjee C, Sadhukhan R and Biswas T. (2017). Estimation of genetic variability of nodulation characters and their association with different agromorphic characters and yield in chickpea (<i>C. arietinum</i> L.). International Journal of Current Microbiology and Applied Sciences. 6(9): 1928-1935.



18		<ul style="list-style-type: none"> • Prusty SR and Tripathy SK. (2017). Marketing of pulses in Cuttack district. Indian Journal of Economics & Development
19		<ul style="list-style-type: none"> • Pushpalatha G, Ganduri PK, Pondala RSP, Marthala VR and Gedala S. 2017. Integrated Physiological, Biochemical, Anatomical and Molecular Studies Reveals Salt Stress Responsive Mechanism Associated with Popular Rice Land-Races in Eastern Part of India. Current Agriculture Research Journal 5(3). doi : http://dx.doi.org/10.12944/CARJ.5.3.13
20		<ul style="list-style-type: none"> • Pushpalatha G. 2017. Biotechnological interventions in floriculture, pp. 319-339. In: Commercial Ornamental Crops – Traditional and Loose Flowers (eds. RL Misra and S Misra). Kruger Brentt Publishers, UK Ltd.
21		<ul style="list-style-type: none"> • Pushparani Senjam, B.K. Senapati and Diana Sagolsem. Heritability studies of yield and its component traits in some recombinant inbred lines (RILs) of Basmati derivative (<i>Oryza sativa</i> L.). Environment and Ecology Accepted for publication
22		<ul style="list-style-type: none"> • Pushparani Senjam, B.K. Senapati, Arup Chattopadhyay, Subrata Dutta. Genetic control of yellow vein mosaic virus disease tolerance in <i>Abelmoschus esculentus</i> (L.) Moench. Journal of Genetics (Springer publication) accepted
23		<ul style="list-style-type: none"> • Rema Das and Kausik Pradhan (2017). Enhancing the capacity of the women led agricultural innovation system through its diagnosis. World Wide Journals 7(1): ISBN: ISSN - 2249-555X
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25		<p>9. Sandhya .N.,Vijyakumar.S, Lawrence Rubina and Jayakumar.2017.Incidence of Fungal pathogens associated with mungbean in Allahabad region.International Journal of Agricultural sciences. 4267-4271</p>
26		<p>10. Sandhya .N. Vijyakumar.S .2017.Isolation and molecular characterization of of fungi present in soil samples mungbean in Allahabad region. Progressive Research Journal. 1065-1069</p>



27		11. Sankar L.R., Sagar L., Praveen B*. and Barman S. 2018. Biofertilizers - a noble technology for sustainable agriculture. Asian Journal of Bio Science (Accepted).
28		12. Sarkar S, Sarkar A and Zaman A. (2017). Effect of irrigation and phosphorous levels on broad beans (<i>Vicia faba</i> L.) for improving growth, yield and water extraction pattern, Legume Research: An International Journal. 40(2): 257-263.
29		13. Sarkar S, Sarkar A and Zaman A. (2017). Effect of irrigation and phosphorous fertilization on growth, yield and nodulation of broad beans (<i>Vicia faba</i> L.). Indian Journal of Agricultural Research 51(1): 69-73.
30		14. Sasmita Priyadarsini Dash Jitendra Singh and Dhananjaya Sharma 2017. Genetic Variability Studies in Brinjal (<i>Solanum melongena</i> L.) for Yield and its Component Characters. Trends in Biosciences 10 (23):4876-4878 ISBN: ISSN 0974-8431
31		15. Singh PK and Sadhukhan R. (2017). Gamma rays and EMS induced chlorophyll mutations in grasspea (<i>Lathyrus sativus</i> L.). In: International Conference on “Contemporary Issues in Integrating Climate-The Emerging Areas of Agriculture, Horticulture, Biodiversity, Forestry; Engineering Technology, Fundamental/Applied Science and Business Management for Sustainable Development”. May 11-12, 2017, organized by Himalayan Scientific Society for Fundamental and Applied Research, Kalimpong Science Centre, Kalimpong, West Bengal, India. Pg.-
32		16. Singh PK, Chaterjee C, Karmakar N and Sadhukhan R. (2017). Effect of Zn and Fe on seed yield and ODAP content in <i>Lathyrus</i> . National Seminar on “Nutrients and pollutants in soil-plant-animal-human continuum for sustaining soil, food and nutritional security - way forward”. June 9-10, 2017, organized by Bidhan Chandra Krishi Viswavidyalaya, West Bengal in collaboration with National Academy of Agricultural Sciences, New Delhi. pg- 49.
33		17. Singh PK, Gaikwad DJ, Das S, Senjam P and Sadhukhan R. (2017). Gamma radiation and EMS induced mutation in grasspea (<i>Lathyrus sativus</i> L.), p. 13. In: 9th International Conference on ‘Hydro-Gramin Technology (Sustainable Agriculture, Rural Development and Livelihood Improvement). October 28-29, 2017, Organized by the



		International Institute of Bengal Basin (IIBB) in collaboration with CUTM, Paralakhemundi, Odisha.
34		18. Singh PK, Hussain MA, Singh N and Gaikwad DJ. (2017). LEA proteins and its role in combating dehydration-related abiotic stress in plants. In: 9th International Conference on 'Hydro-Gramin Technology (Sustainable Agriculture, Rural Development and Livelihood Improvement). October 28-29, 2017, Organized by the International Institute of Bengal Basin (IIBB) in collaboration with CUTM, Paralakhemundi, Odisha.
35		19. Singh PK, Sadhukhan R and Kumar A. (2017). Correlation studied on several quantitative traits in induced mutagenic population of grasspea (<i>Lathyrus sativus</i> L.). International Journal of Current Microbiology and Applied Sciences 6(10): 612-619.
36		20. Umalaxmi Thingujam, Pushparani Senjam, Dipa Kundu, Rubina Khanam, Rahul Adhikary and Arunabha Pal (2017). Pitcher pot irrigation- A review study. Trends in Biosciences 10(47), Print: ISSN 0974-8431, 9467-9469.
37		21. Umalaxmi Thingujam, Pushparani Senjam, Rahul Adhikary, Arunabha Pal, Dipa Kundu and Rubina Khanam (2017). Dissolved organic matter in soil: A review study. Trends in Biosciences 10(45), Print: ISSN 0974-8431, 9233-9236.
38		22. Umalaxmi Thingujam, Rahul Adhikary, Pushparani Senjam, Arunabha Pal, Dipa Kundu, Gollangi Harish Kumar (2017). Effects of pitcher pot irrigation on chilli production. International Journal of Engineering, Science and Mathematics 6(8): 1140-1146 (Special Issue).
39		23. Zaman A and Maitra S. (2017). Organic Agriculture: Prospects, Problems and Constraints, http://aditicert.net/newsletter/Organic-Agriculture%20Prospects-Problems-and-Constraints.pdf : 2017: 1-13
40		24. Zaman A and Patra S. (2017). Lowland utilization for improving water productivity and livelihood security, pp. 81-84. In: Crop and Water Productivity in Agriculture, BCKV Publication.
41		25. Zaman A and Patra S. (2017). Water resource management for sustainable agriculture, pp. 1-10. In: Crop and Water Productivity in Agriculture, BCKV Publication.
42		26. Zaman A, Zaman P and Maitra S. (2017). Water resource development and management for agricultural



		sustainability. Journal of Applied and Advance Research, 2(2): 73-77.
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Research Publications

Jatni Campus		
Sl no	Faculty	Research Work
Electronics and Communication Engineering		
1	Dr. S.K. Mandal	29. B. S. Patro and Sushanta K. Mandal, A Multi Output Formulation for Analog Circuits Using MOM-SVM, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 7 (1), pp 90-96, July 2017. (SCOPUS)
2	Dr. S.K. Mandal	30. S. Patnaik, K. Parvathi and Sushanta K. Mandal, Development of Simple Edge Detection Technique using FIS, Journal of Advanced Research in Dynamics and Control Systems, Issue 12-Special, pp. 323-332, 2017. (SCOPUS)
3	Dr. S.K. Mandal	<ul style="list-style-type: none"> B. S. Patro and Sushanta K. Mandal, Support Vector Machine based Macro-Modelling of Voltage Controlled Oscillator for Fast Synthesis Purpose, Journal of Advanced Research in Dynamics and Control Systems, Issue 12-Special, pp. 355-663, 2017. (SCOPUS)
4	Dr. S.K. Mandal	<ul style="list-style-type: none"> J. C. Pati, C. K. Panigrahi and Sushanta K. Mandal, Design Aspects for Optimal Tuning of Controllers by AI Techniques, International Journal of Current Science and Technology (IJCST), vol. 5, No. 2, pp. 376-384, April 2017
5	Dr. S.K. Mandal	<ul style="list-style-type: none"> B. S. Patro and Sushanta K. Mandal, Macro-modeling of OTA using ANN for Fast Synthesis, International Journal of Engineering, Science and Mathematics, Vol. 6, Issue 8 (Special), pp. 752-759, December 2017. (UGC Approved)
6	Dr. S.K. Mandal	<ul style="list-style-type: none"> Harish Chandra Mohanta and Sushanta K. Mandal, Frequency Reconfigurable Antenna using Metasurface of Rectangular Loop Unit Cell, International Journal of



		Engineering, Science and Mathematics, Vol. 6, Issue 8 (Special), pp. 766-773, December 2017. (UGC Approved)
7	Mr. Harish Ch. Mohanta	<ul style="list-style-type: none"> Harish Chandra Mohanta and Sushanta K. Mandal, Frequency Reconfigurable Antenna using Metasurface of Rectangular Loop Unit Cell, International Journal of Engineering, Science and Mathematics, Vol. 6, Issue 8 (Special), pp. 766-773, December 2017. (UGC Approved)
8	Mr. Harish Ch. Mohanta	<ul style="list-style-type: none"> Harish C. Mohanta, Abbas Z. Kouzani and Sushanta K. Mandal, Compact Frequency Reconfigurable Metasurface Antenna, IEEE EECMC Conference, January 28-29, 2018, Tamilnadu, India.
9	Mr. Siba Kumar Panda	<ul style="list-style-type: none"> Panda S.K., Panda D.C.(2017) “Developing high performance AVM based VLSI Computing Systems: A Study”, in International conference on computing, Analytics and Networking (ICCAN 2017), Springer, Dec 15-16,2017 (Scopus Indexed).
10	Mr. Siba Kumar Panda	<ul style="list-style-type: none"> Panda S.K., Jena A., Panda D.C. (2018) N-bit Pipelined CSM Based Square Root Circuit for Binary Numbers. In: Advanced Computing and Intelligent Engineering. Advances in Intelligent Systems and Computing, vol 564. Springer, Singapore (Scopus Indexed).
11	Mr. Nimay ch Giri	<ul style="list-style-type: none"> Nimay Ch. Giri, Siba Prasad Mishra “ENERGY REMEDIATION BY ALTERNATE DISSEMINATION: SPV/PSO POWER IN INDIA,” International Journal of Current Research (IJCR), Vol. 9, Issue, 08, pp.56391-56397, ISSN: 0975-833X August, 2017.
12	Mr.S. Sandha Mr.D. Rana	<ul style="list-style-type: none"> S. Sandha, D. Rana (2017). Automatic Car Number Plate Recognition System for Authorization. Circulation in Computer Science, MCSP 2017, (September 2017), 30-34
13	Ms.Simpal Kumari, Mr.Deepak Kumar Barik, Mr.Satyasis Mishra	<ul style="list-style-type: none"> Simpal Kumari, Deepak Kumar Barik, and Satyasis Mishra, Identification of Patch Phase Array Antenna at 28GHz in Different Orientation for 5th Generation Wireless Application. Circulation in Computer Science, MCSP 2017, (September 2017), 17-22
Computer Science Engineering		

1	Ms.Sasmita Nayak	<ul style="list-style-type: none"> Efficient Multiprocessor Scheduling Using Water Cycle Algorithm 1Sasmita Kumari Nayak,2Chandra Sekhar Panda,3Sasmita Kumari Padhy . Advances in Intelligent Systems and Computing book series (AISC, volume 583)(SCOPUS)
2	Mr.Manoj Kumar Behera	<ul style="list-style-type: none"> A Secured Proxy Blind Multi-Signature Scheme based on DLP publication in Volume 4 Issue 2 (April-17) of IJTRD.
3	Mr.Suwendu Kumar Nayak Mr.P Anann Naidu	<ul style="list-style-type: none"> Suwendu Kumar Nayak, P Annan Naidu, , , , , ."A Comprehensive review on Cloud Computing and Security Issues", Volume 5, Issue XII, International Journal for Research in Applied Science and Engineering Technology (IJRASET) Page No: , ISSN : 2321-9653, www.ijraset.com (UGC Approved)
4	Mr.P Anann Naidu Dr Vamsi Krishna	<ul style="list-style-type: none"> Comprehensive review on PPDM and PPDDM techniques , IJSART , Vol 3 Issue XII page no 1030 t0 1036 , ISSN : 2395-1052 (UGC Approved)
5	Mr.Sangram Keshari Swain	<ul style="list-style-type: none"> "A Review Paper on Architecture of Big Data" IJARBMS journal (International Journal of Advanced Research in Big Data Management System)Vol. 1, No. 1 (2017), pp.1-10, http://dx.doi.org/10.21742/ijarbms.2017.1.1.01Print ISSN: 2208-1674, eISSN: 2208-1682 IJARBMS
6	Mr.Sangram Keshari Swain	<ul style="list-style-type: none"> "Finding Frequent Text-Patterns on Big Data using Visualisation Techniques" is published in IJFRSCE November 17 Volume 3 Issue 11 (UGC Approved).
7	Mr.Sangram Keshari Swain	<ul style="list-style-type: none"> "A Review Of Big Data And Its Current Research Directions" International Journal of Engineering, Science and Mathematics Vol. 6 Issue 8, December 2017 (Special Issue) ISSN: 2320-0294 Impact Factor: 6.765 (UGC Approved)
Electrical and Electronics Engineering		
1	Mr.Saroj Panda and Mr.Nanda Kishore Ray	<ul style="list-style-type: none"> Novel Method of Phase & Frequency Extraction during Grid Abnormalities (National Conference on Mechatronics, Computing and Signal Processing (MCSP-2017)
2	Mr. Nanda Kishore Ray	<ul style="list-style-type: none"> Performance of AGC under Two area Deregulated power system and its optimization in LQR (National Conference on Mechatronics, Computing and Signal Processing (MCSP-2017)
3	Mr.Saroj Panda Ku	<ul style="list-style-type: none"> Measurement of transmission line using phasor measurement unit (National Conference on Mechatronics, Computing and Signal Processing (MCSP-2017)



4	Ms.Smita Jana	<ul style="list-style-type: none"> Load Frequency Control of Two Area System (National Conference on Mechatronics, Computing and Signal Processing (MCSP-2017))
5	Mr.Debasis Sahu	<ul style="list-style-type: none"> Performance enhancement of a STATCOM used for voltage profile improvement of a microgrid (National Conference on Mechatronics, Computing and Signal Processing (MCSP-2017))
6	Mr.Rama P Dalei	<ul style="list-style-type: none"> Detection of fault in microgrid using Wavelet transform (National Conference on Mechatronics, Computing and Signal Processing (MCSP-2017))
7	Mr. Biswajit Mohapatra	<ul style="list-style-type: none"> Modelling and analysis of double fed Induction generator using variable speed wind turbine (National Conference on Mechatronics, Computing and Signal Processing (MCSP-2017))
8	Mr.Amit Kumar Sahoo	<ul style="list-style-type: none"> Model order reduction of electrical power system in state space analysis (International Journal of science and engineering research studies)
Mechanical Engineering		
1	Ms.Minati Mohanty	<ul style="list-style-type: none"> “effect of crumb rubber on semi-dense bituminous concrete”
2	Ms.Sweta Das	<ul style="list-style-type: none"> An Investigation on “Behaviour of Bio-Enzyme Stabilized Expansive Soil”.
3	Mr.Manoj Kumar Rath	<ul style="list-style-type: none"> “Super Plasticizer effects on Workability and Mechanical Properties of Concrete”.
4	Mr.Manoj Kumar Rath	<ul style="list-style-type: none"> “Increase in Flexural Strength of Beams by using FRP Composites”.
5	Ms.Sipalin Nayak	<ul style="list-style-type: none"> “Red Mud, the Cutting Edge of Self Compacting Cement Concrete”.
6	Mr.Tapas Kumar Chand, M.K. Mohanty, Dr. R.C. Mohanty	<ul style="list-style-type: none"> “Optimize Newton Statistical Models for Fish Drying by using Regression Analysis”, Proceedings of 2nd International Conference on Mathematical Sciences in Engineering Applications (ICMSEA- 2017), held from 22-24 Dec 2017, Organized by BITS, Vizag in association with Centurion University. Published in the special issue of International Journal of Engineering, Science and Mathematics (IJESM), 6(8), pp. 104-109, Dec 2017. ISSN: 2320-0294
7	Mr.Nabnit Panigrahi, Mr.Mahendra	<ul style="list-style-type: none"> “Energy and Exergy Analysis of a Diesel Engine Fuelled with Diesel and Simarouba Biodiesel Blends”, Journal of the

	Kumar Mohanty, Mr.Sruti Ranjan Mishra, Dr.Ramesh Chandra Mohanty	Institution of Engineers (India): Series C, Springer, 99(1), pp. 9-17, Feb 2018. DOI 10.1007/s40032-016-0335-9, ISSN 2250-0545
8	Mr.Tapas Kumar Chand, M.K. Mohanty, Dr.R.C. Mohanty	<ul style="list-style-type: none"> “Exergy and Energy Analyses of a solar dryer and developed a mathematical model”, Proceedings of International Conference on Smart Technologies in the Field of Engineering, Management and Sciences (SmartTech2018), held from 11-12th Jan 2018, Delhi Technical Campus, Greater Noida, UP.
9	Mr.M.K Rath, Mr.S.K. Acharya	<ul style="list-style-type: none"> “Emission analysis of a CI engine during cold weather conditions using pre-heated air and engine using waste energy and phase-change material” International Journal of Ambient Energy, ISSN: 0143-0750 (Print) 2162-8246 (Online) Journal homepage: http://www.tandfonline.com/loi/taen20, DOI: 10.1080/01430750.2017.1303626, 27 Mar 2017
10	Mr.S.K Sethi & Mr.Mr.B.K Jena	<ul style="list-style-type: none"> “Optimization of EDM process parameters using Taguchi Method with Copper Electrode” International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395 -0056, Volume: 04 Issue: 04 Apr -2017, p-ISSN: 2395-0072
Civil Engineering		
1	Ms.Minati Mohanty	<ul style="list-style-type: none"> “effect of crumb rubber on semi-dense bituminous concrete”
2	Ms.Sweta Das	<ul style="list-style-type: none"> An Investigation on “Behaviour of Bio-Enzyme Stabilized Expansive Soil”.
3	Mr.Manoj Kumar Rath	<ul style="list-style-type: none"> “Super Plasticizer effects on Workability and Mechanical Properties of Concrete”.
4	Mr.Manoj Kumar Rath	<ul style="list-style-type: none"> “Increase in Flexural Strength of Beams by using FRP Composites”.
5	Ms.Sipalin Nayak	<ul style="list-style-type: none"> “Red Mud, the Cutting Edge of Self Compacting Cement Concrete”.
6	Mr.Rakesh Kumar Jena	<ul style="list-style-type: none"> “Static analysis of Reinforced Concrete pipe Strengthened with GFRP Laminates”

MoUs signed

SLNo	MoU's
1	MoU with Odisha Scheduled Caste & Scheduled Tribe Development Finance Co-Operative Corporation Ltd. (OSFDC)
2	MoU with AP Govt.
3	MOU WITH IDEA, VSKP
4	MoU with Deakin University and WDHC (Australia)
5	MoU with Norwegian University of Science and Technology (NTNU)
6	MoU with GUJARAT FORENSIC SCIENCES UNIVERSITY, GUJARAT
7	MoU with Northern Institute, Charles Darwin University, Australia
8	MoU with Illumine Knowledge Resources PVT. LTD.
9	MoU with The University of Western Australia
10	MoU with ICD, Paris & Toulous, France
11	MoU with Hamara Bachpan Trust, Bhubaneswar, Odisha
12	MoU with Apparition Pty Ltd.
13	MoU with Fourthambit, Kerala
14	MoU with Harsha Trust, Bhubaneswar
15	MoU with Unity Technologies APS
16	MoU with DEDICATED AGRI SERVICES PRIVATE LIMITED, MUMBAI
17	MoU with Moto Corp., Madhya Pradesh
18	MoU with National Skill Development Corporation, New Delhi
19	MoU with A1 Fidelity Service Pvt Ltd, New Delhi
20	International Institute of Bengal and Himalayan Basins (IIBHB), Berkley, California, USA
21	MoU with Nandan Kanan Biological Park
22	MoU with hamara bachpan trust



23	MoU with ICAR CIWA, Bhubaneswar
24	MoU with LSSSDC
25	MoU with SACAL, Berhampur, Odisha

Special Achievements

Paralakhemundi Campus	
Sl.No.	Details
School of Management	
1	Total 15 students got Gandhi Fellowship
M S Swaminathan School of Agriculture	
1	Dr.Raghu Gogada handling the INSPIRE project from DST entitled “Characterization of high affinity cobalt transporter genes from Synechocystis sp. PCC6803...” [DST INSPIRE Faculty Award: IFA12LSPA-11, dated 27th August 2012, Total Grant = 35Lks/5years]. In the area of Plant and Agriculture Biotechnology (under specialization: Environmental Biotechnology).
2	Produced fodder using hydroponics, different dairy products, spawn production unit set up, vermicompost tanks, mushroom cultivation, intercropping system, multistage cropping system.
Mechanical Department	
1	Skill Development program for Three days on Engineering concept behind the Electric & Solar vehicle In Collaboration with AMT Moto Corp, August 17th to 19th 2017.
2	A National level E Bike Racing Championship- Electric Bike Race Challenge-2017 on 28-30th Dec 2017.
3	Team Stallions from Centurion University of Technology and Management,Paralakhemundi campus bagged the Overall Championship. They even achieved 1.Endurance Winner 2. Best Autocross Winner 3. Best Design Awards.
Bolangir Campus	
Sl.No.	Details
1	Centurion bolangir BSc students got Gold medal in three discipline on the 5 th Convocation of Centurion University on dt.11 th Dec,2017



2	Centurion (JITM) CHSE student Buddhhiraj Sahu got IIT in first attempt in 2017 and placed at IIT Gandhinagar
3	Centurion Students Jugal Kishore Sahu got 1 st position in 400 mtrs.race & Long jump on the Dist. Athletic Meet-2017
4	Centurion Bolangir team ,By the guidance of Dr.J.K.Meher has won first prize having A++ grade in National Solar Robotic competition organized at Centurion University , Paralakhemundi, Odisha on dt-28-12-2017.
Jatni Campus	
Sl.No.	Details
1	Dr.R.C.Mohanty Department of Mechanical received “CSR Faculty Excellence Award 2017” from Centurion University of Technology and Management, Jatni campus on 2nd March, 2017.

SCHOLARSHIP FOR 2017-18

Paralakhemundi Campus		
Scholarship for B.Tech. Students – 2017-18		
Name of Scholarship	No. of Students received	Amount Received
PRERANA	131	61,70,000/-
MEDHABRUTI	329	32,90,000/-
EKALYAN	22	3,52,000/-
NATIONAL	7	1,75,000/-
JINDAL	AWAITED	
BIHAR	AWAITED	
Scholarship for B.Sc. (Ag.) Students – 2017-18		
Name of Scholarship	No. of Students received	Amount Received
e-Medhabruti, Odisha	64	6,40,000/-
Prerana	16	6,30,000/-
National Scholarship	3	1,50,000/-
PRIME MINISTER'S SCHOLARSHIP SCHEME(PMSS)	1	27,000/-
Scholarship for School of Management Students – 2017-18		

Name of Scholarship	No. of Students received	Amount Received
Prerana	12	12,54,100/-

SCHOLARSHIP FOR 2015-16

Jatni Campus		
Scholarship for – 2017-18		
Name of Scholarship	No. of Students received	Amount Received
Prerana	73	42,81,150/-

Infrastructure

Paralakhemundi campus	Jatni Campus
Total area of 21280 sqfts has been constructed.	Total area of 761781 sqft has been constructed.

Future construction Plans

Paralakhemundi	Jatni Campus
<ul style="list-style-type: none"> Staff Quarters: 2100 sqft. B. Production Sheed 12000 Sqft. Tribal Village Community hall : 600 Sqft. 	<ul style="list-style-type: none"> Academic Building:: 102500sqft. Auditorium: 35000 sqft.

CSR Activities

(i) **CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**
CSR TEAM- PARALAKHEMUNDI CAMPUS, 2017-2018

CSR @ Parlakhemundi Campus		
Date	Activity	Description
AUGUST		
5.08.2017	Blood Donation Camp	The 1st Blood Donation camp of the session was organised by YRC 91 units donated
5.08.2017	CSR Cultural night by Dance and Music Club	18 items of dance, music, song were performed by members of Dance and Music Club as a part of the CSR inauguration.

7.08.2017-14.08.2017	Debate,Song,Painting,Rangoli, Elocution, Extempore, Recitation, Quiz and drawing	Students from SoET,MSSSoA,SoVET,SoM and CPS participated in different events in large number conducted on occasion of 71 st Independence Day
15.08.2017	71 st Independence Day Celebration	Dr Anita Patra, Registrar hoisted the Indian Flag, Parade by different Platoons, Project Expo and Cultural Programme were organised
25.08.2017	Ganesh Puja	Ganesh Puja was observed in the campus at Sri Vidya Venketeswar Temple in a grand manner
SEPTEMBER		
11.09.2018-17.09.2017	Sports week- Games like Cricket,Basketball, Volleyball, Throwball, Badminton, Carrom and Chess conducted	Team CSR organised SPORTEX-2017 : a huge number of students participated in different games and sports for both boys and girls wing
14.09.2017	Freshers Day by MSSSoA	The Freshers Day was organised by the students of MSSSoA
15.09.2017	Project Expo,Pop Sticks Bridge,Debate Competition,Essay Competition, Scrap Art Competition	Different events were conducted and speeches by Dean SoET, Dean R&D and all HoDs
16.09.2017	Blood Donation Camp	The 2 nd Blood Donation camp of the session was organised by YRC & NCC. 52 units were donated
24.09.2017	NSS Day	Plantation Drive by NSS volunteers, Inaugurated by Prof K Prasad Rao, Director, Extension and Research
OCTOBER		
22.10.2017	CUTM Cricket team selection	A 25 number squad CUTM Cricket was selected by the selectors and it was decided that 15 numbers will be finalised after observing their attendance
22.10.2017	Situation assessment survey at patikota for farmers by NSS	NSS conducted A SituationAssessmentSurvey on Farmers and Villagers atPatikota,



		which is an adopted village of NSS covering some basic characteristics of farmer households. In this survey, brief information was collected on receipts and expenses of households' farm and non-farm businesses, to arrive at their income from these sources.
25.10.2017	Blood donation camp	The 3 rd Blood Donation camp of the session was organised by YRC. 55 units were donated
28.10.2017	Athelio- Track Events	All the track events like, Race, Jump and Throw were organised as a part of Athletic events by CSR
29.10.2017	Swacch Bharat & Plantation by NSS	The NSS unit of CUTM campus, Parlakhemundi organized Tree Plantation Programme and Cleanliness Drive on Sunday, 29 th October, 2017 in the University premises. Most of the First year students from different branches took part in this event. The NSS unit decided to proceed with the same Inspiration, Enthusiasm and Zeal to enhance the beauty of the campus.
31.10.2017	Rashtriya Ekta Divas	The Birth Anniversary of Sardar Vallabhbhai Patel is going to be observed as <i>RashtriyaEkta Diwas (National Unity Day)</i> tomorrow i.e. on 31st October 2017 between 11.00am-11.30am. The Unity Day pledge was recite by the students in the classrooms.
NOVEMBER		
1.11.2017	Basketball Team Selection	The basketball team of 8 numbers was selected by the experts from PARALAKHEMUNDI
5.11.2017	Visit of Vivekananda Balkalyan Ashram by NSS	NSS Unit visited VivekanandaBalkalyan Ashram, located in S.Uruda, via. Garabanda which is 25kms far from the



		campus. The Orphanage house is having 27Children of various ages
30.10.2017-8.11.2017	CATC camp by NCC	Five cadets who have successfully completed the Combined Annual Training Camp from 30.10.2015 - 08.11.2015 at Ankushpur, Berhampur.
13.11.2017-14.11.2017	World Orphans Day and Children's Day by NSS	NSS Unit Celebrated World Orphans Day (November 13 th) and Children's Day (November 14 th) in Navajeevan Orphanage House, Pathapatnam where several Physically challenged Children are present. Around 50 orphans from 5-to 17year old were Entertained with Cultural programmes and sumptuous Lunch of their choice was arranged which was donated by NSS Volunteers. Volunteers spent quality time with orphans for around 3hours which was followed by a Cake cutting and Chocolate distribution to bring Smiles on the faces of Children.
22.11.2017	NCC Day	NCC day was observed in CUTM campus
30.11.2017	Gajajyoti Team	Different Committee were formed for Gajajyoti 2k18
28.11.2017-30.11.2017	Badminton Champions and selection	CSR conducted Badminton Championship and selection where number of students participated
DECEMBER		
1.12.2017	World Ids Day	Awareness Prog on AIDS prevention was conducted inside the campus by CSR coordinators
10.12.2017	Visit to amma foundation's orphanage-srikakulam by NSS volunteers	NSS Unit visited a Child Care Institution run by "AmmaFoundation", located in Srikakulam. The Orphanage is having 30Children of various ages. NSS volunteers residing at Srikakulam have contributed School bags, Shoes and some

		Scholarship Fund which is useful for that Orphans Education.
15.12.2017	Flashmob	The purpose of this Flashmob is the announcement of our Annual Tech Fest- Gajajyoti 2k18. Around 45 students participated in this Mob.
JANUARY- FEBRUARY		
6.01.2018-11.01.2018	Intra level Athletic, Indoor and Outdoor games and sports- Cricket(Boys & Girls), Volleyball, Basketball, Badminton(Boys &Girls), Lawn Tennis, Table Tennis, Chess, all track events-Race, Jump and Throw.	The Intra level sports and games were oorganised. More than 500 students participated in different events
18.01.2018-20.01.2018	Intra Level Cultural and Literary events- Song, Dance, Painting, Dubsmash, Rangoli, Debate, Group Discussion, Treasure Hunt etc	All the events of Cultural and litereary were conducted in Intra level and more than 300 students participated in different events
22.01.2018	Saraswati Puja	Saraswati Puja was observed in the campus at Sri Vidya Venketeswar Temple in a grand manner
23.01.2018-25.01.2018	Song, Dance, Painting, Rangoli, Debate, Creative writing were conducted on occasion of 69 th Republic Day	Students from SoET,MSSSoA,SoVET,SoM and CPS participated in different events in large number conducted on occasion of 69th Republic Day
26.01.2018	69 th Republic Day Observation	Prof Haribandhu Panda, Vice Chancellor hoisted the Indian Flag, Parade by different Platoons, Project Expo and Cultural Programme were organised.
30.01.2018-31.01.2018	Intra Level Technical Events	To be conducted
1 ST WEEK of February	Annual Cultural Fest by different schools	To be conducted
7.02.2018- 16.02.2018	Gajajyoti Inter College Cricket	To be conducted
10.02.2018-11.02.2018	Gajajyoti Inter College Cultural events	To be conducted



16.02.2018-17.02.2018	GAJAJYOTI 2K18 MAIN EVENT, Tech Fest	To be conducted
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CSR Activities

(ii) CSR ANNUAL REPORT 2017- 2018 OF BHUBANESWAR CAMPUS CSR @ Jatni Campus

(A) Activities(Culture/Sports/Responsibility)

Under the above clubs the following activities conducted during this academic year.

CULTURE:

Music Club “RHYTHM”: Rhythm is functional on every day evening having more than hundreds of students and modern musical instruments. This club organized numbers of musical events throughout the year in different occasions like during 26th Jan, 15th Aug, Fresher’s Party, Farewell Party etc. Started training by experts for the members.

Dance Club “STEP UP”: Dance Club is functional on every day evening for practicing. This club organized classical and modern dance program for different events like during 26th Jan, 15th Aug, Freshers Party, Farewell Party etc. Started training by experts for the members.

Dramatic Club “ACTION PLAY”: Dramatic Club is functional on every Friday evening to motivate students for organizing drama on different social cause.

Painting Club “KRETON”: “Kreton” is functional on every Saturday afternoon & Sunday morning. This club organizes Painting & Photography exhibition “Aviskar” every year. Organized Painting & Photography exhibition on the occasion of Independence Day.Made the background design of Dream weavers, The Wall Magazine of our campus.Made four big wall paintings in the campus. Started training by experts for the members.

Movie Club: Movie club is functional on every Saturday evening in the campus which showcases different movies.

Laughter Club: Laughter Club is functional on every Friday afternoon which includes caricatures, mimicry, laughter challenge etc.

Literary Club "SRUJANEE": Literary Club is functional on every Thursday evening which includes poetry, prose writing, recitation, Essay writing, Picture interpretation etc.

Language Club "SCINTILLA": Language Club is functional on every Friday evening which includes Debate, GD, Quiz, Crossword puzzle, Sayaree etc.

Designer Club "PHOTOCHRONICLES": Designer Club is functional on every Friday afternoon. Organized photo shop design and website design workshop.

Handicraft Club "ARTISAN": Handicraft Club is functional on every Friday afternoon which includes crafting, pot painting etc.

CULTURAL EVENTS LIST FOR GAJAJYOTI-18:

Sl no.	Program name
1	GROUP DISCUSSION

2	CREATIVE WRITING
3	LAUGHTER CHALLENGE / ONE ACT PLAY
4	SPOT PAINTING
5	DEBATE
6	LANGUAGE QUIZ
7	PHOTOGRAPHY
8	HANDICRAFT
9	APTITUDE / REASONING
10	SILENCE ACT / DRAMA
11	SONG (SOLO)
12	RANGOLI
13	DANCE (SOLO, DUET, GROUP)
14	DOCUMENTARY/FILM MAKING
15	RAMP SHOW (05 MINS)
16	MASTER CHEF

Future Plan:

Every club will have one trainer for the next year.

SPORTS:

Sports Club “SPARKS”: Sports Club is responsible for the day to day sports activities in the campus and is functional throughout the year.

Facilities like ground for football, Cricket, & Athletics and court for badminton, Volley ball, Kabbadi, Many indoor games like carom, chess, and table tennis are also available.

Health Club (GYMNASIUM): Health Club is functional on every day morning and evening. A fully equipped gymnasium is available for students work out.

PC game Club "XENA": PC game Club is functional on every Saturday morning, where student get chance to know about the ticks & tips. Also they do practice.

Adventure Club “VOYAGE”: Adventure Club is functional on selected Sundays/Holidays. Students get opportunity to showcase their talents in the activities like trekking, Horse riding, flying, firing etc.

Yoga and Meditation Club: Yoga and Meditation Club is functional on every day evening, where student get chance to know about meditation, silence.

NCC Club: NCC Club is a newly proposed club. We are yet to receive the approval from NCC authorities to open NCC Units in our campus.

BSG Club: BSG Club is a newly formed club. There are 05 units each from boys and girls. They are active throughout the year.

Swimming Pool: This is one of the active clubs of the campus. Everyday students, staff and faculties used to swim in the pool.

SPORTS EVENTS LIST FOR GAJAJYOTI-18: -

TEAM EVENTS (BOYS)

1. Volley ball
2. Cricket
3. Football
4. Basketball
5. Tennis (singles & doubles)
6. Kho-Kho
7. Badminton (singles & doubles)
8. Table tennis (singles & doubles)
9. Chess
10. Carom (singles & doubles)
11. Tug of war
12. Relay race
13. Kabaddi

INDIVIDUAL EVENTS (BOYS) (Max. up to four events)

1. 100m race
2. 200m race
3. 400m race
4. 800m race
5. High jump
6. Long jump
7. Putting the shot
8. Javelin
9. Discuss

TEAM EVENTS (GIRLS)

1. Cricket
2. Football
3. Throw ball
4. Basketball
5. Tennis (singles & doubles)
6. Badminton (singles & doubles)
7. Table tennis (singles & doubles)
8. Chess
9. Carom (singles & doubles)
10. Kho-Kho
11. Tug of War

INDIVIDUAL EVENTS (GIRLS) (Max. up to four events)

1. 100m race
2. 200m race
3. 400m race
4. High jump
5. Long jump
6. Putting the shot
7. Javelin
8. Discuss
9. Balance Race
10. Bomb Blast

Future Plan:

Indoor stadium, Lawn Tennis and Basket Ball court is proposed to be made functional from the next session onwards.

RESPONSIBILITY:

Innovator Club: Innovator Club is functional every day evening to enable students towards technical paper presentation, become member in different technical chapters, Technical quiz, Training programs etc. Aero modelling club is also a part of this. Organized two workshops of Aero modelling & also showcased so many events.

Robotics Club: Robotics Club is functional on every Friday afternoon and Saturday which includes Manual Robotics, Automatic Robotics etc. Organized two workshops of Robotics. Regular Robotics training is provided by the Club.

Youth Red Cross (YRC) Club: YRC Club has been introduced in our campus to organize events for benefit of the society under the Red Cross Rules and Regulations. It is active throughout the year to organize different social campaign against number of issues of the society.

NSS Club: NSS Club is active throughout the year to organize activities like organize blood donation camp, celebrate international day of service, celebrate Joy of Giving Week, collect relief and distribute among the flood, drought, cyclone and natural disaster victims & many more.....

Science Club: Science Club is a club for initiating different activities related to Science field.

P & P Club: P & P Club is functional throughout the year to help students preparing for interviews. Lot of competitions on Aptitude and Reasoning are conducted under the club.

IOT Club: IOT (Internet Of Things) Social is newly formed club where different concepts of IOT is being discussed. Student does number of IOT project under this club. Activity of this Club is functional throughout the year.

Future Plan:

Will organize summer educational camps, plantation camps, Anti-drug camps etc. in the remote villages of Odisha.

TECHNO-MANAGEMENT EVENTS LIST FOR GAJAJYOTI-18: -

TECHNICAL EVENTS

1. AERO MODELING
2. WATER ROCKET
3. MANUAL ROBOTICS
4. AUTONOMOUS ROBOTICS
5. ROBO RACE
6. ROBO WAR
7. ROBO SOCCER
8. CIRCUIT DESIGN
9. AUTO CAD
10. C-CODING
11. STRUCTURE DESIGN
12. SCIENCE QUIZ
13. NFS
14. COUNTER STRIKE
15. INFORMALS
16. INTERNET OF THINGS
17. ANDROID GAME
18. TECHNICAL ARTICLE PRESENTATION
19. EXTEMPO
20. FACE TO FACE

MANAGEMENT EVENTS

1. TOL MOL KE BOL
2. TREASURE HUNT
3. AD-MAD SHOW
4. SHARE UR FARE
5. EAGLE EYE
6. BUSSINESS QUIZ
7. WASTE MANAGEMENT
8. MARKET KHETRA
9. B-PLAN

Financial Status of the year 2017-18.

Total Revenue Receipt	: Rs. 94.4 Crore
(i) Salary component	: Rs. 23.7 Crore
(ii) Principal & Interest	: Rs. 28.4 Crore
Payment on loan	
(iii) Maintenance, food, etc.	: Rs. 30.9 Crore
(iv) Transport	: Rs. 2.9 Crore
(v) Others	: Rs. 8.5 Crore



**CSR ACTIVITIES REPORT:
CSR REPORT (JULY – SEPT 2017)**

1. Participation of your esteemed university in BIG FM & Max Emerging Star



Greetings from 92.7BIGFM, India's No.1 Radio Network!

We are India's Largest Radio network with highest reach of 43 million consumers across 46 stations, 1200+ towns and 50000+ villages.

With reference to our discussion we are glad to tell you that we are coming up with a fashion and talent contest in association with MAX for the students of your esteemed University. Max Emerging Star – An award program designed and targeted specifically for aspiring models from tier 2 towns who want to get in to Entertainment/ Bollywood industry.

The contest will give a platform to the interested participants & provide a first-in-class platform for the aspiring models in tier 2 towns who want to make it big in the modelling/entertainment industry by being the Enabler of their dreams.

The winners will get a chance to get a hands-on training from the ace actor MR. Anupam Kher & Terence Lewis, who would impart their wisdom about the trade. This will give them the chance to win cash rewards, internship with aces of the industry.

We seek your kind permission to notify regarding the event to the students of your institution. We are planning to visit your college campus in between 1st march to 10th march for the 1st round of audition. Please let us know your convenient date.



2. Campaign on Food Adulteration and Health Check-up camp

As an initiative of School of Pharmacy and Life Sciences, two events held this week.

- There was an awareness campaign on Food Adulteration by the students of School of Pharmacy and Life Sciences on 27th Feb 17 during 12.30 - 2 PM in our campus. Everyone is requested to follow the following links to know more about the Food Adulteration.

https://en.wikipedia.org/wiki/Adulterated_food

<http://www.encyclopedia.com/sports-and-everyday-life/food-and-drink/food-and-cooking/food-adulteration>

<https://en.wikipedia.org/wiki/Adulterant>

<http://foodsafetyhelpline.com/2014/08/food-adulteration/>

- There was a Free Health check-up camp organized by School of Pharmacy and Life Sciences on 1st March 17 during 2 - 5 PM. Around 100 numbers of students, staff and faculties benefited out of the camp.

Thanks to Dr Gurudutta Pattnaik (Principal), students and faculties of School of Pharmacy & life Sciences for successfully conducting the program.



3. Grand success of the MEGA VOLUNTARY BLOOD DONATION CAMP

Now this the time to share the GRAND SUCCESS of MEGA BLOOD VOLUNTARY DONATION CAMP held today on 18th March 2017 in our campus. We have donated 176 UNITS of blood at the 13th Blood Drive of our campus, which was inaugurated by Prof. D N Rao (Vice President, CUTM) along with other dignitaries.

Let us to extend our sincere thanks to all who are involved in the EVENT directly or indirectly. Special thanks to the student donors & volunteers (GTET, B. Arch, MSc, BSc, Diploma, Pharmacy, Paramedics, BBA, B Com, MBA, B. TECH, M. TECH etc) for their enthusiasm and response. Thanks to the team of Capital Hospital Blood Bank, Bhubaneswar for conducting the successful drive.

Special thanks to Jeevan Bindu Team, Khurda for providing all the support & gift for all the donors. Special mention of Mr. Rajendra Kumar Sahoo (MLA, Khurda) and his team for their presence and encouraging donors during the camp.

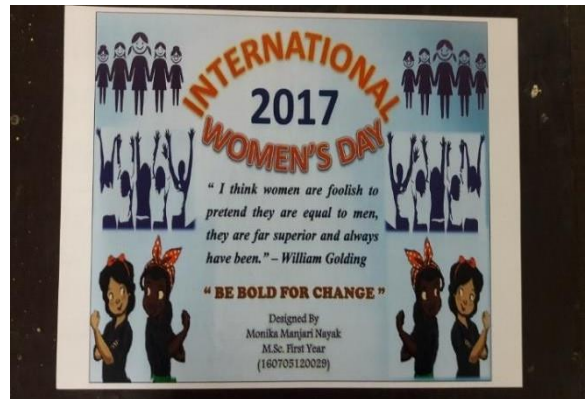


4. Competition on the occasion of International Women's Day

As you know the International Women's Day 2017 is celebrated on 8th March of every year. For the occasion we will have a poster competition on the theme "Be Bold for Change". The competition is open to all.

So during this day our university we had a great sessions in our campus and lot of things were discussed on various topics like women empowerment, women safety and many more.

Some photographs of this successful program-



5. Diamond Jubilee of State Vigilance, Odisha on “Anti-corruption” theme organized at the Bhubaneswar “Patho Utsav”.

To celebrate the Diamond Jubilee of State Vigilance, Odisha there will be different activities on “Anti-corruption” theme organized by State Vigilance Directorate, Odisha on the Bhubaneswar “Patho Utsav” as per the following details.



6. World Water Day

World Water Day is a day to celebrate water. It's a day to make a difference for the members of the global population who suffer from water related issues. It's a day to prepare for how we manage water in the future. In 1993, the United Nations General Assembly designated 22 March as the first World Water Day.

For the celebration of the day we will have a series of activities/competitions as per the following details. Events will be organized around the day to increase people's awareness of water's importance in environment, agriculture, health and trade. The competitions are open to all the students of different schools of our University.



7. Centurion University Awarded for Highest Number of Voluntary Blood Donation in the year 2016-17

You will be happy to know that we have been awarded today i.e. 14th June with "Highest Number of Voluntary Blood Donation in the year 2016-17" on the occasion of World Blood Donor Day - 2017 at Red Cross Bhawan, Bhubaneswar.

We have donated 584 units of blood in the 4 (four) camps conducted by our Bhubaneswar campus during last year (15 June 16 - 30 May 17) which is the highest number of units in the state of Odisha, contributed by any educational institution.

Summary:

- 18th March 17 - 176 UNITS.
- 22nd October 16 - 327 UNITS.
- 21st September 16 - 25 UNITS.
- 20th August 16 - 56 UNITS
- Total=584 UNITS

I received the award from Health Minister Sri Pratap Jena in presence of Honorary Sect- Odisha State Redcross cum Director- SBTC Dr. Gyanabrata Mohanty, Director-OSACS and YRC Officer Major Dr. Kalpana Das on the dais.





All the credit goes to the dedicated donors, volunteers and well-wishers for the success. Congratulations to all of us. Thank you all for your support always and hope to get more enthusiastic contribution support in coming years.

8. Awareness program on "Ill effects of Drug Abuse"

We are organizing an awareness program against drug abuse on 24th June in our University campus. This program is organized by our University in association with Odisha Pride and Narcotic Control Bureau. The Zonal Director of Narcotic Control Bureau from Kolkata will address the participants on the ill effects of Drug Abuse.

The aim of this prevention event is to create healthy communities in which people have a quality of life which includes:

- Healthy environments at work and in educational institutions
- Connections with families and friends
- Drug and crime free society

Along with him Mr. Vikash Kumar (Superintendent, Bhubaneswar sub-zone), Mr. Gyan Prakash (Intelligence Officer), Mr. Kaushik Manna (Intelligence Officer), Mr. Manas Das (President, Odisha Pride) & team were present during the session.

We will have regular awareness programs with the help Narcotics Control Bureau in our campus for all the students, staff and faculties in phased manner.

International day against drug abuse and illicit trafficking is being celebrated worldwide on 26th June. To celebrate the occasion a Marathon is organized by Odisha pride and Narcotics Control Bureau on the day from Rupali square, Bhubaneswar. A big thanks to all of you for being a part of the event.





9. WORLD DISABILITY DAY

There will be celebration of WORLD DISABILITY DAY on 1st-2nd-3rd December by WE4YOU, organising different activities in Bhubaneswar. Here is the detail regarding those activities.

- UTSAV 2017, sports meet for especially abled:-

Date: 1st December

Time: 8 AM - 6PM

Venue: Playground of Govt. High School, Unit 1, Bhubaneswar

More than 600 disabled students from all over Odisha will participate in this festival. There will be different kinds of sports like running, jumping, sack race, bowling, archery, dart & many more. Students from all disabilities like visually challenged, hearing impaired, orthopedically handicapped & many more will be participating.

Volunteers are required to manage the event, conduct all the sports event etc.

Film Festival & Photography exhibition 2017:-

Date: December 1st-2nd



Venue: IDCOL AUDITORIUM, Bhubaneswar.

We will showcase more than 50 short films & more than 100 pictures based on disability. School students & common public will be the audience for the same.

MARATHON:-

Date: DEC 2nd

Time: 5 AM - 8 AM

More than 3000 differently abled participants will be there along with common public.

Volunteers are required to manage the crowd & conduct the marathon in a perfect manner.

BIKE RALLY FOR DISABLED:-

Date: 3rd December

Time: 8.30 AM - 9AM

Bike rally for giving driving license to hearing impaired people. As they are not getting driving license by the RTO.

Only volunteers with bike can participate in this. We will need few volunteers to control the crowd.

10. ASIAN ATHLETIC MEET, KALINGA STADIUM

In past we volunteered in many international sports events successfully and got accolades from the organizers. Now this is a golden opportunity for our students to be part of the Asian Athletics Meet 2017 which is going to be hosted by Bhubaneswar, Odisha (This is the third time India is going to host the event).

All the volunteers will be having great experience in the event where Athletes from 45 countries will participate. The volunteers must be good in English communication. All the volunteers will be provided with two pairs of dress and shoe along with fooding.

60 students from our university were selected for volunteering in the ASIAN ATHLETIC MEET, 2017.

We got our duty in BIJU PATTNAIK INTERNATIONAL AIRPORT for receiving all the participants and other officials of the event. During this program some photographs.



11. HAND MADE PAPER

You will be happy to know that our University has set up a new Unit-cum-Lab to make papers out of paper and cloth waste.

Making paper by hand is a simple process. It's also an innovative way to use up our old receipts, scrap papers, and copy paper etc. that we were about to throw in the dustbin, and instead create a thing of glorious handmade beauty. With our new unit set up for the purpose and with some basic instructions, you're well on your way to making handmade paper and being friendly to the environment.

So the interested students were advised to contact Sangram Sir for being part of the training program on or before 20th July 17.

Many students and staffs attended this workshop to learn something new.



12. ART CAMPING, 22nd July 2017

There was one art camp which was organized by the Artecion group, Bhubaneswar with 8 to 10 artists on 22nd July 2017 at our University Campus.

Venue: Lawn in front of the Aryabhata building

Time: 2 - 5 PM

The main goal of this camp is to promote our Art and artist and provide painting learning scope to the students, giving them a fun opportunity to explore their artistic skills. Students will have opportunities to learn about artists and art traditions, gain experience with a range of materials, develop skills and explore this field in a relaxed and supportive environment.

You can visit <http://www.artecion.com/> to know more about the group.

Please find attached the photographs of the art camp organised today in our campus. The artists showcased beautiful artistic talent. Special thanks to Mr. Ashutosh Nanda for facilitating the camp.



13. DADHICHI AWARD CEREMONY

As scheduled, the 3rd Dadhichi Award ceremony for the whole body donors held on 23rd July in Jaydev Bhawan, Bhubaneswar.

Our students volunteered in the whole program and showcased quality entertaining cultural programs during the intervals of four sessions. Everyone present during the event including the organizers highly appreciated the contribution of our student volunteers and cultural performers. Thanks a lot to all the students' participants.

Our President was the Guest of honour in the fourth session. All the Guests present on the Dias, Dadhichi awardees, and the audience highly applauded the speech of our President.





14. 71st INDEPENDENCE DAY CELEBRATION

The National Flag was unfurled at 9.15 AM by the Special Invitee Ms. Kuni Nayak (Best Housekeeping staff of Jatni campus) in presence of Chief Guest Dr. Haribandhu Panda (Vice Chancellor, CUTM) and immediately the whole campus buzzed with the National Anthem.

In the course of the speech, Chief Guest highlighted the areas we need to improve upon to make our country prosper.

Then after the inspection of the parade by the Chief Guest the Campus vibrated with sixteen platoon parade (CIVIL, CSE, ECE, EEE/EE, MECHANICAL, PHARMACY, BSc, MBA, B Com, DIPLOMA, Vocational Training, SMO, CCD, Security Guard, House Cleaning Staff, Green Brigade).

Guests distributed prizes to the student winners of 16 different CSR events held for the occasion. List of winners attached with the email for reference.

The program ended with the vote of thanks by Dr. Ardhendu Mouli Mohanty (Pro VC, CUTM).

Then the students of CIT and GTET performed different spectacular cultural events.

After sweets distribution, 33 students along with 4 staff/faculty visited Bhabagrahi Model School for the Sightless, Kharavel Nagar, Bhubaneswar (Working for the Cause, Care & Concern of the Sightless people of Odisha) and spent two hours with the inmates. We have contributed an amount of Rs. 10, 000/- along with lots of sweets, biscuits, chocolates and food items to the inmates. Some of the experiences of the student visited and the list of students visited are attached with this mail. The event was all possible because of the unhesitating support of the team.

Thanks to the Management, senior team, Administration team, Staff, Faculties, and Students of CIT and GTET for their support to make the celebration successful.

Special mention of the Guests, Press and Media friends for their support. Special thanks to all the students for their creativity and effort & to all the faculty in-charge of different clubs (Team CSR) for coordinating the competitions and the event successfully. All the participants

of the ceremonial parade are advised to collect their participation certificate from CSR cell tomorrow through the respective platoon commander.



15. Sustainable Enterprise Award 2017 & Jagriti Yatra

Both the organization, Jagriti Yatra and Coca-Cola have once again come together to offer a platform to the aspiring entrepreneurs across various districts of India. Sustainability has always been among the prime topics discussed across the new enterprises when growth becomes a concern. Sustainable Enterprise Award is an opportunity for entrepreneurs across 25 districts of India, having enterprises in any one of the following fields: agriculture, water, and recycling.

The interested candidates can register themselves on the portal jagritiyatra.org/SEA, and submit their ideas. The shortlisted candidates were called for the final round in New Delhi, and the winners will be awarded a cash prize of 3.5lacs(1st-2lacs,2nd-1lacs,3rd-50k) along with mentorship by Jagriti. Each of 30 districts will get to witness an awareness camp which will be organised by JADEs' in those districts with the organization's help.

We look forward to have new ideas in the sector of water, agriculture and recycling for Sustainable Enterprise Award -2017. Thus, there was "Sustainable Enterprise Award 2017" was held at our campus on 20th July 2017 at Hall no-6 from 10 AM onwards. The native youth of Khordha district (each member should be 20 years of age, as of 1st April 2017) are invited to participate in the competition.



16. WORLD RED CROSS DAY

World Red Cross Day is observed on 8th of May every year to commemorate the birth anniversary of the founder of the Red Cross, Mr Jean Henry Dunant. The theme for this year is, "Everyone for everywhere" and sub-theme is "Less Known Red Cross Stories".

The Indian Red Cross Society, together with its partners, i.e. the ICRC and the IFRC, has decided to organize.

17. GANESH CHATURTHI CELEBRATION

We are very glad to inform you that "THE HOLY GANESH PUJA" was held on August 25th, 2017 Friday at ENTRANCE LOBBY of our campus. On this occasion, we are cordially inviting you to attend the puja. Hoping your presence would add to the joy of the day.

PROGRAM

- 11:00 AM - Puja begins
- 12:30 AM – Pushpanjali
- 12:45 AM - Prasad Sevan

18. BLOOD DONATION CAMP, 9th September 2017 @AIIMS, BHUBANESWAR

It is our pleasure to inform you all that as a CSR Responsibility initiative a VOLUNTARY BLOOD DONATION CAMP will be held in AIIMS BLOOD BANK, BBSR as per the following schedule.

This will be a part of Social Responsibility activity outside of our campus. All the students, staff & faculties are requested to be the part of this noble cause & make it a success.

DATE	IN ASSOCIATION WITH	TIME	DONORS
9th September 2017	AIIMS BLOOD BANK, BBSR	9.30 AM – 12.30 NOON	ALL STUDENTS, STAFF AND FACULTIES OF CUTM

We have donated 70 UNITS of Blood at the 3rd out campus Blood drive (14th Blood drive) of our campus at AIIMS, BBSR campus.

The camp was inaugurated by Dr. Sachidananda Mohanty (Medical Superintendent-AIIMS, BBSR) in presence of Dr. Somnath Mukherjee (HoD-Dept. of Transfusion Medicine & Blood Bank), Dr. Babita (Dept. of Transfusion Medicine) and others.

Let us to extend our sincere thanks to all who are involved in the EVENT directly or indirectly. Special thanks to the **student donors & volunteers** for their enthusiasm and response. Thanks to the team of **AIIMS Blood Bank, Bhubaneswar** for conducting the successful drive.



19. ENGINEERS DAY CELEBRATION

“ENGINEER'S DAY” was celebrated on September 15th, 2017 in Seminar Hall from 3 PM onwards as per the following agenda.

AGENDA FOR ENGINEER’S DAY CELEBRATION

- 3:00 PM - 3:30 PM - Meeting & Interactive talk
- 3:30 PM - 4:30 PM - Debate competition
- PM - Prize distribution

Thanks to all the coordinators, participants. Special mention of guests for the interactive talk. Congratulations the following winners of the debate competition organized on the occasion.

Please find attached the photos of Engineer's Day celebration held in our campus.



20. RALLY FOR RIVERS

Rally for Rivers is a campaign launched by Isha Foundation to save the lifelines of our country India has essentially grown along the banks of major rivers. Our ancient civilizations were born along the waters, and they perished when the rivers shifted course.

For many millennia, we maintained the sanctity of this relationship. But in the last few decades, due to the pressures of population and development, our perennial rivers are becoming seasonal. Many of the smaller rivers have already vanished. The Ganga and Indus are two of the world's most endangered rivers, according to WWF.

Water levels in almost every major river have declined severely. If we do not act now to reverse the serious decline of these lifelines, the next generation will pay a very heavy price.

To submit a policy recommendation for the central government, peoples support is very vital. For a large environmental movement throughout the country like this, minimum of 30 crore votes are needed. You can pledge your support by giving a missed call to the below number.

Give a missed call to cast your vote to 8000980009. For complete details go through the link http://isha.sadhguru.org/rally_for_rivers/.

21. WASTE MANAGEMENT

With growing population and urbanization we are consuming more products as a result of which we are generating more waste. The approach of our existing economic model which is based on the Take, Make, Dispose concept has resulted in the menace of waste, which is increasingly becoming a global problem. Waste is an environmental, social as well as public health issue. Currently, waste management is a highly fragmented sector proliferated by the informal sector where illegal and unethical means of doing business is the norm. The working conditions of the people involved in this trade are highly hazardous and deplorable.

We can bring some kind of organized approach to waste management and a concept of a circular economy where waste is seen as a resource and business processes are carried out in a way that is regenerative and restorative.

Out of the total waste generated in India, it is estimated that nearly 55% is the organic waste, 30% is the recyclable waste and the remaining 15% is the residual waste. This indicates that the waste generated in India has a high potential for recycling and composting practices.

Thanks to Mr. Narasingha Panigrahi (Director, SGR Pvt. Ltd.) for his interactive & awareness session with more than hundreds of students, staff, and faculties.

Special thanks to the students, staff, & faculties participated and interacted enthusiastically.



22. SAFE CITY – SAFE CAMPUS @CENTURION UNIVERSITY

YOUTH CONNECT PROGRAM

Young people have enormous potential to shape social development process and contribute to the change in social norms and values. Thus, Bhubaneswar Smart City limited plans to involve students and youths to have a dialogue and participation in making Bhubaneswar socially smart. This is in accordance with the broad perspective of the State Youth Policy 2013 and as per the 2030 global agenda, young women and men are the critical agents of change. They are to be involved in the policy defining processes affecting urban infrastructure, social protection, and opportunities to ensure that cities become places of safety and opportunity.

The smart city initiative aims to engage, enable and empower youth as active partners to achieve smart city goals. The “Youth engagement pathway” is adopted to empower youth and harness their creativity and energy for improving urban life and building a resilient community.

BMC, BSCL in collaboration with UNFPA are working to strengthen the social components of the smart city under Citizen connect program. The project is being implemented in slums of BTCDA area and educational institutes in and around Bhubaneswar. The objectives of project are –

- Develop youth centric and youth led integrated model.
- Promote safety and security of women and girls.
- Support the marginalized sub sections to avail themselves of, access and utilize the benefits of various government schemes and provisions.

Youth connect program is a part of citizen connect program that targets youths of educational institutes.

Initiative by Centurion University

Centurion University is playing a proactive role to guide and facilitate the students to be active change agents for making the city a safer place for women, girls, and vulnerable communities. This includes encouraging and inspiring students to voice their feelings, thoughts, share their views regarding concern over various social issues and float new ideas with the use of modern ICT.

In this connection, we will have series of activities on 16th September and 23rd September.

So during CSR time on 16th Sept, along with normal club activities, we have planned the following activities on the theme “Safe City-Safe Campus”.

Theme: Safe City-Safe Campus

Date: 16th September 2017

Time: 2-5 PM

Activities:

- Seminar on "Waste Management" @ 2 PM @ Hall no-6/Seminar Hall
- Self Defence program @ 3.30 PM @ In front of Aryabhata building
- Street Play @ 3.45 PM @ In front of Aryabhata building
- Flash Mob @ 4.30 PM @ In front of Aryabhata building

Thanks to all the student participants and volunteers for coordinating the whole program.



23. VISHWAKARMA PUJA

We are very glad to inform you that “THE VISHWAKARMA PUJA” is going to be held on September 17th, 2017 Sunday at the entrance of Integrated Skill Development Center of our campus. On this occasion, we are cordially inviting you to attend the puja. Your active participation would make the grand ceremony successful. Hoping your presence would add to the joy of the day.

PROGRAM

- 11:00 AM - Puja begins
- 12:00 PM – Pushpanjali
- 12:15 PM - Prasad Sevan
- Please find attached the photographs of the celebration.



24. Bharat Yatra Campaign: Bachpan Bachao Andolan

We all are seriously concerned relating to violation of child rights particularly, child sexual abuse and trafficking in our Country. Such plights are quite inhuman and unwanted. Yet, such incidences are reportedly happening all across the country to the extent of fact that children are not safe at schools and even at home.

Keeping in view of the larger perspective on child rights and violation of the rights of the child in its extent and manifestation, Shri Kailash Satyarthi, the leader and laureate of Nobel Prize 2014 has called for a nationwide awareness Yatra on child Sexual abuse and trafficking. The Yatra launched at Kanyakumari on 11th September and will culminate in Delhi on 16th October 2017 along with several branch Yatras starting from different parts of the country covering a total of over 11000 km.

With the above backdrop, one such Yatra was scheduled to launch from Bhubaneswar, Odisha on 26th September 2017. The Hon'ble Chief Minister, Odisha has been requested to flag off the Yatra while Shri Satyarthi has kindly consented to join the Launch in Bhubaneswar. Over 10,000 people including children, members of civil society, people's representatives, parents, and communities are expected to take part in the Yatra.

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25. E- WASTE MANAGEMENT

In continuation to the Awareness Seminar on "Waste Management", we will have a sensitization cum training program on "E-Waste Management" to generate awareness for sustainable e-waste management practices.

Please find attached the photographs of the awareness program on E-Waste Management.

Thanks to Mr. Narasingha Panigrahi (Director, SGR Pvt. Ltd.) for his interactive & awareness session with more than hundred of students, staff, and faculties.

Special thanks to the students, staff, & faculties participated and interacted enthusiastically. Please find attached the photographs of the awareness program on E-Waste Management.



26. 5 Days Workshop on "Internet of Things using RaspberryPi" @ 24th - 28th Oct 2017

5 Days Workshop on "Internet of Things using Raspberry Pi" at our Campus from 24th - 28th Oct 2017 in the Seminar Hall. The whole workshop will be handled by the trained student coordinators along with some interactive sessions by faculties.

This workshop is the continuation of our IoT initiative that we had started two years back. The objective of this workshop is to familiarize the students with new emerging trend i.e. IOT (Internet of Things) and their applications using Raspberry Pi. By the help of this workshop, students will learn the embedded programming as well as electronic devices. This workshop will provide a platform on which different discipline students will work together and share their knowledge of electronics and programming.

This workshop will be followed by a presentation of the projects done by the participant of the workshop which will help students to analyse this new technology of IOT and their applications using Raspberry Pi. This time, we are having 63 participants, divided into 12 groups in the workshop. The workshop agenda is attached herewith. All are requested to join us in motivating, guiding and encouraging student participants, coordinators, and trainers during the workshop.

We have successfully completed the 5th Day: Final Day (28th Oct 17) @ 5 Days Workshop on "Internet of Things using Raspberry Pi". A brief report of the day is shared below.

Final Day

No. of Sessions Today: 4

Total Coordinators: 4

Total Participants: 65

Total Groups: 12

Date: 28th October 2017

The day was started with project setup or installation session and all the teams were busy in preparing for the exhibition. Three M Tech students of IIT BBSR have joined us in the morning session. They have interacted with all the project groups. In the second half, they have presented their IOT project work to all the participants. All participants showcased very good projects as expected and promised by them on the first day of the workshop. Faculties, Staff members and Students from different schools of CUTM visited the project exhibition, guided and shared their valuable thoughts to the participants about their projects.

It was an incredible effort by the students to build a group across various disciplines, programs, year & campus and completing a project, although they faced many hurdles in making projects. It was really like an adventure for all participants as on first two days they learned, generated idea on the 3rd day, developed project on the 4th day and displayed the same on the final day.

In the valedictory session Dr. A.M. Mohanty-Pro VC, Prof. Jagannath Padhi-Director, Dr. Susant Kumar Biswal-Dean SoAS & Dr.

K.R. Srivathsan distributed certificates to all participants moving to their project stalls. Director Sir encouraged the students to improve their projects and to take part in BMC Smart City Project competition. All the guests in their valedictory speech encouraged all the participants and advised to have the similar type of workshops more frequently. They also emphasized on how to make these project ideas implemented in our campus life.

There was really a tough competition among project groups for deciding the best three projects. Finally, after a long discussion, we could able to find out the three winners. All the winners awarded with cash prizes of Rs. 1500/-, Rs. 1000/- & Rs. 500/- respectively. All the coordinators were awarded certificates for their collective effort to make this workshop successful.



27. Ambitious behaviour program

I would like to say thank you in showing interest in the Ambitious behaviour program. To give you an understanding of what is involved, this program aims to plan and run community events for young people in communities around the world.

On 25th of October 2017 I will be returning to Centurion University in hoping to run a community event at your campus. This will involve contacting and visiting schools in the Bhubaneswar area and having young students from these schools come to Centurion University to take part in sports coaching & classroom activity sessions. To make all this possible, I would like to invite students from your college to sign up in being a part of my ambitious behaviour team. This will include taking on roles and responsibilities such as signing up to be a sporting coach, classroom teacher, advertiser, event management or video photographer.

In regard to the expectations of Centurion University, all I ask is assistance in travelling to schools in the area and helping to promote the program to students and staff at the campus, as well Centurion University social media pages. It's my belief that if this event proves to be successful, this will open many opportunities for Centurion University moving forward in the program.

After a week-long training session, 13 students were selected for doing coaching session at various social institutions.

During the community project-cum-coaching session, we visited the following places.

1. The Odisha Association for the Blind, Kharavel Nagar, Bhubaneswar (Blind school)
2. The Odisha Association of the Deaf, Pallaspathi, Bhubaneswar (Deaf & Mute School)
3. Jivan Jyoti Seva Ashram, Khandagiri, Bhubaneswar (Orphanage)
4. Prativa Anatha Ashram, Jadupur, Dumduma, Bhubaneswar (Orphanage)

The four coaching sessions were spread over one day. It was bit strenuous but we all enjoyed the day spending with a variety of children having special qualities. It was really good to see the 13 students and Jack enjoying the coaching sessions at all the four places.

Thanks and congratulations to all the students participated and made the event successful. Special thanks to Mr. Jack McGrath for making this happen. Jack has promised to come back again in a year and continue doing such type of initiative in a sustainable manner. During this program some photographs



28. NATIONAL VOLUNTARY BLOOD DONATION CAMP

The National Voluntary Blood Donation Day, on 13th October 2017 will be observed at Jayadev Bhavan, Bhubaneswar at 10.00 A.M. Honourable Chief Minister of Odisha and Minister, Health & Family Welfare along with other dignitaries will grace the function. During the state level function, there will be a voluntary blood donation camp.

As planned, a group of 12 students attended the National Voluntary Blood Donation Day function and donated blood in the camp organized for the occasion. Thanks and congratulations to all the participants.



29. CITYCHANGERLAB: INNOVATIVE & WORKABLE IDEAS / MODELS TO IMPROVE URBAN LIVING

Bhubaneswar Smart City Limited & Bhubaneswar Municipality Corporation is working in Collaboration with United Nations Population Fund to strengthen the social components of Smart City. These interventions that target youth are being held at the level of slums and educational institutes of the city. The objectives of the intervention are to promote active citizenship leadership and volunteerism amongst the youth. It also aims to create a forum to enable youths to become a part of development planning.

City changer labs are a unique way to involve youths through their innovation to contribute to better of city life and contribute to the betterment and making the city socially smart. The focus of the project is to strengthen the social components and improve urban living. In this context ideas/working modes are hereby invited from educational institutes.

We are happy to inform you that one of the projects from our University selected in the "City Changer Lab" competition. There were three groups selected from the last IoT workshop using Raspberry Pi @ 24th-28th Oct, those who participated in the competition held on 16th Nov 17 at Bhubaneswar Smart City Ltd, IDCO Tower.

There were 40 groups participated from different Institutions/Universities in the state level competition out of which 8 groups selected for the prize. All participating groups will be getting participation certificate & the winner "Smart Trash-Bin" group will be getting a Cash prize of Rs. 5,000/- & certificate from Honorable Chief Minister of Odisha, Sri Naveen Patnaik.

Please find some photographs of today's interaction.

30. ENVIRONMENTAL AWARENESS PROGRAM

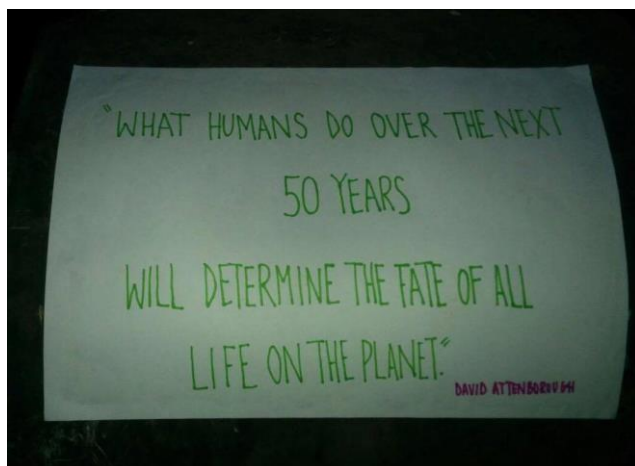
We need to be educated about the consequences of the effects of global warming and climate change at. The world has moved to a more individualistic society, where people are losing touch with nature, and the impacts we human beings are having on it.

Let me introduce Ms. Naomi Frasor, a student of Social work at RMIT, Australia to you. She is working in the field of environmental issues and challenges. She is interested to work with a small group of students to help mobilize the group passionate about the environment that is student led and sustained.

So we will be creating a student-led environmental forum/green group which will be led by Ms. Naomi Frasor and later on the group will take initiatives on their own.

The expected benefits out of the group;

- To create a community of like minds
- To promote environmental awareness campaigns
- To understand what the pressing environmental issues are for the student community
- To frame, reframe and discuss issues from a variety of perspectives
- To improve social bonds
- To engage students in these issues through short films
- To discuss ways we can have a positive impact on the environment
- To work with the students towards tangible outcomes. We had one interactive session on Environmental Issues and Awareness with Ms. Naomi Frasor at 5.30 PM in Room No-17, Aryabhatta Building.





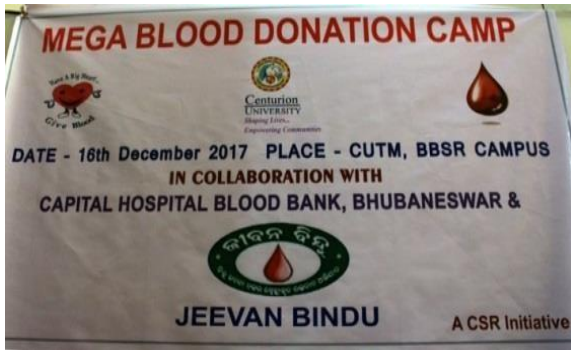
31. MEGA VOLUNTARY BLOOD DONATION CAMP

It is our pleasure to inform you all that as a CSR initiative a MEGA VOLUNTARY BLOOD DONATION CAMP will be held on our campus as per the following schedule.

DATE & VENUE	IN ASSOCIATION WITH	TIME	DONORS
16 th December 2017 @ Arybhata Building entrance Lobby	CAPITAL HOSPITAL BLOOD BANK, BBSR&KHORDA BLOOD BANK	9.30 AM – 11.30 NOON	4 TH YEAR, 3 RD YEAR B. TECH, BSC, MSC, MBA, BBA, PARAMEDICS, GTET STAFF
		12.00 NOON – 2.30 PM	1 ST , 2 ND B. TECH, DIPLOMA, PHARMACY, ARCH, GTET STUDENTS, CIT STAFF & REST

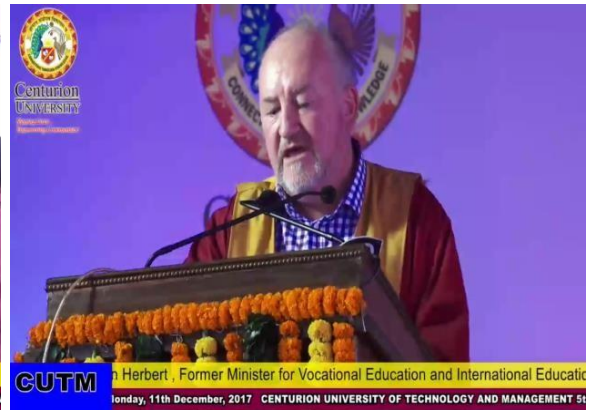
Now this is the time to share GRAND SUCCESS OF MEGA VOLUNTARY BLOOD DONATION CAMP held on 16th December 2017 on our campus. We have donated **250 UNITS** of blood at the 15th Blood Drive of our campus, which was inaugurated by Prof. Jagannath Padhi (Director , CUTM, BBSR Campus) along with Dr. Debasish Mishra(BBO, Capital Hospital Blood Bank, Bhubaneswar) in the presence of other dignitaries.

Let us extend our sincere thanks to all who are involved in the EVENT directly or indirectly. Special thanks to all the Donors & Volunteers (GTET,ITI, Short Term Courses,B. Arch, MSc, BSc,Diploma, Pharmacy, Paramedics, BBA, B Com, MBA, B. TECH, M. TECH etc) for their enthusiasm, patience and response. Thanks to the team of Capital Hospital Blood Bank, Bhubaneswar for conducting the successful drive.



32. 5th CONVOCATION ON 11TH DEC 2017.

5th convocation on 11th December 2017 at our Bhubaneswar campus. Where our chief guest was honourable Governor of Odisha Dr. S.C. Jamir. We also had another 3 guests with us along with governing body of CUTM followed by president and vice president of our university. These are some of the photographs during the convocation.



We have successfully completed the 5TH Day (12th Jan 18) @ 5 Days Workshop on "Internet of Things using Arduino Board". A brief report of the day is shared below.

Day: 5

No. of Sessions Today: 2

Total Participants: 66 (1ST half) and 65 (2ND half)

Total Coordinators: 7

Date: 12th January 2018

The day was started with project setup or installation session and all the teams were busy in preparing for the exhibition. All participants showcased very good projects as expected and promised by them on the first day of the workshop. Faculties, Staff members and Students from different schools of CUTM visited the project exhibition, guided and shared their valuable thoughts to the participants about their projects.

It was an incredible effort by the students to build a group across various disciplines, programs, year & campus and completing a project, although they faced many hurdles in making projects. It was really like an adventure for all participants as on first two days they learned, generated idea on the 3rd day, developed project on the 4th day and displayed the same on the final day.

Feedback forms were filled by the students along with the questionnaires supplied. The trainers and coordinators got favorable responses for their training and for conducting this 5-day workshop.

There is really a tough competition among project groups for deciding the best three projects till day 5. Dr. K.R Srivathsan (Professor Emeritus), Prof. KVD Prakash (Dean SoM), Dr. Subrat Sarangi (Dean IQAC), Dr. Amiya Singh (Dean SoVT), Dr. RC Mohanty(Prof. Mechanical) Prof. Subrat Pradhan (Prof. ECE) helped us for almost two hours long evaluation process. During the evaluation, every group has been assigned with new ideas of development which they will be showcasing on the Republic Day (26th January 18). Finally, on Republic Day another evaluation will be done and the winners will be awarded cash prizes of Rs. 1500/- , Rs. 1000/- & Rs. 500/- respectively.

Respected Dr. K.R Srivathsan (Professor Emeritus), Dr. Supriya Pattanaik (Dy. Vice Chancellor), Dr. Ardhendu Mouli Mohanty (Pro VC), Dr. P K Mohanty (Dean-Academic), Prof. KVD Prakash (Dean SoM), Dr. Subrat Sarangi (Dean IQAC), Dr. Amiya Singh (Dean SoVT), Prof. Tekchand Pradhan (Director SoPAH), Dr. RC Mohanty (Prof. Mechanical) joined us during the closing ceremony. They talked about their experience of the workshop and valuable feedbacks of how to improve the workshop further. All the guests in their valedictory speech encouraged all the participants and advised to have the similar type of workshops more frequently. They also emphasized on how to make these project ideas implemented in our campus life. All the guests distributed certificates to all participants going to their project stalls. All the coordinators were awarded certificates for their collective effort to make this workshop successful.

The event was all possible because of the unhesitating support of the team. Thanks to the Management, Senior team, Administration team, Staff, Faculties, MRC Team, Web Team and Students of Bhubaneswar and Parlakhemundi campus for their support to make the workshop successful. Special thanks to all the student coordinators for their creativity and effort.

Please find attached the attendance sheet for 5th Day i.e. 12th Jan 18. The respective faculties are requested to mark the student's attendance for the day. The concerned student is responsible to check whether the attendance is updated or not. No delayed request shall be entertained. During this time some photographs.



33. Volunteering in Tata Steel Bhubaneswar Half Marathon – 2018:

27 Centurions volunteered at Marathon organised by Tata Steel and Govt of Odisha held on today i.e. 12th January at Kalinga Stadium. Our students were divided in teams and placed at various important places like guest hospitality, refreshment, participants care and over all event coordination etc.

More than 3000 sports enthusiasts & marathoners participated in the event. There were also participants from our University and GTET in the event.

Our volunteer's team performed under the guidance of Mr. Aswini Mohanty, Resident Officer TATA STEEL. Today all the participants, organizers and guests praised a lot to our student's enthusiasm, sincerity and hard work. Thanks and Congratulations to all the student volunteers. During this time some photographs



34. Saraswati Puja:

“THE HOLY SARASWATI PUJA” is celebrated on January 21st, 2018 Monday day at ENTRANCE LOBBY of our main academic building in our Jatani campus. On this occasion many students voluntarily took part and attended the puja. Some Photos during the event.



35. 69th Republic Day celebrated in CUTM, Bhubaneswar Campus

The National Flag was unfurled at 9 AM by the Chief Guest Dr. Mukti Kanta Mishra (President, CUTM) along with the special guest Mr. Rankanidhi Nayak and immediately the whole campus buzzed with the National Anthem.

In the course of the speech, Chief Guest highlighted the importance of Republic Day and how to make a determination with a purpose in life to do things differently for the development of our country.

Then the Campus vibrated with Twenty Three platoon parade (NCC GIRLS UNIT, MBA, CSE, MLT, MECH, IKS, EEE, CTIS, LSS, ECE, CIVIL, MINING, MSc, BSc, BBA, B Com, B Pharma, DEO, Paramedics, DIPLOMA, Green Brigade, House Keeping Staff, Security Guard).

Guests distributed prizes to the student winners of 20 different CSR competitions held for the occasion. List of winners attached to the mail for reference.

The program ended with the vote of thanks by Dr. Supriya Pattanayak (Dy. Vice Chancellor, CUTM). Then the students of CIT and GTET performed different spectacular cultural events.

The project prototypes of IoT workshop held during 8th - 12th Jan 18 were displayed at the entrance. During the last evaluation, every group had been assigned with new ideas of development which they showcased today. Finally, another evaluation is done and the winners are awarded cash prizes of Rs. 1500/-, Rs. 1000/- & Rs. 500/- respectively.

At last sweet packets distributed to all the students, faculties and staff members present.

After sweets distribution, 52 Centurions visited Prativa Anathashram, Dumduma, and Bhubaneswar and spend two hours with the kids. We have contributed an amount of Rs. 13,200/- along with lots of sweets, biscuits, chocolates and food items to the inmates. List of students visited along with some of their experiences is attached to this mail.

The whole event was all possible and successful because of the dedicated and unhesitating support of the student and faculty/staff team.

Thanks to the Management, senior team, Administration team, MRC Team, Web Team, Staff, Faculties, and Students of CIT and GTET for their support to make the celebration successful.

Special mention of the Guests, Press and Media friends for their support. Special thanks to all the students for their creativity and effort & to all the faculty in-charge of different clubs (Team CSR) for coordinating the competitions and the event successfully. During this program some photographs.

