

**CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT
ODISHA**

Annual Report 2017-18



Centurion
UNIVERSITY

Shaping Lives...
Empowering Communities...

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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, 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 (OPHWC), Australian Sports Commission, etc.

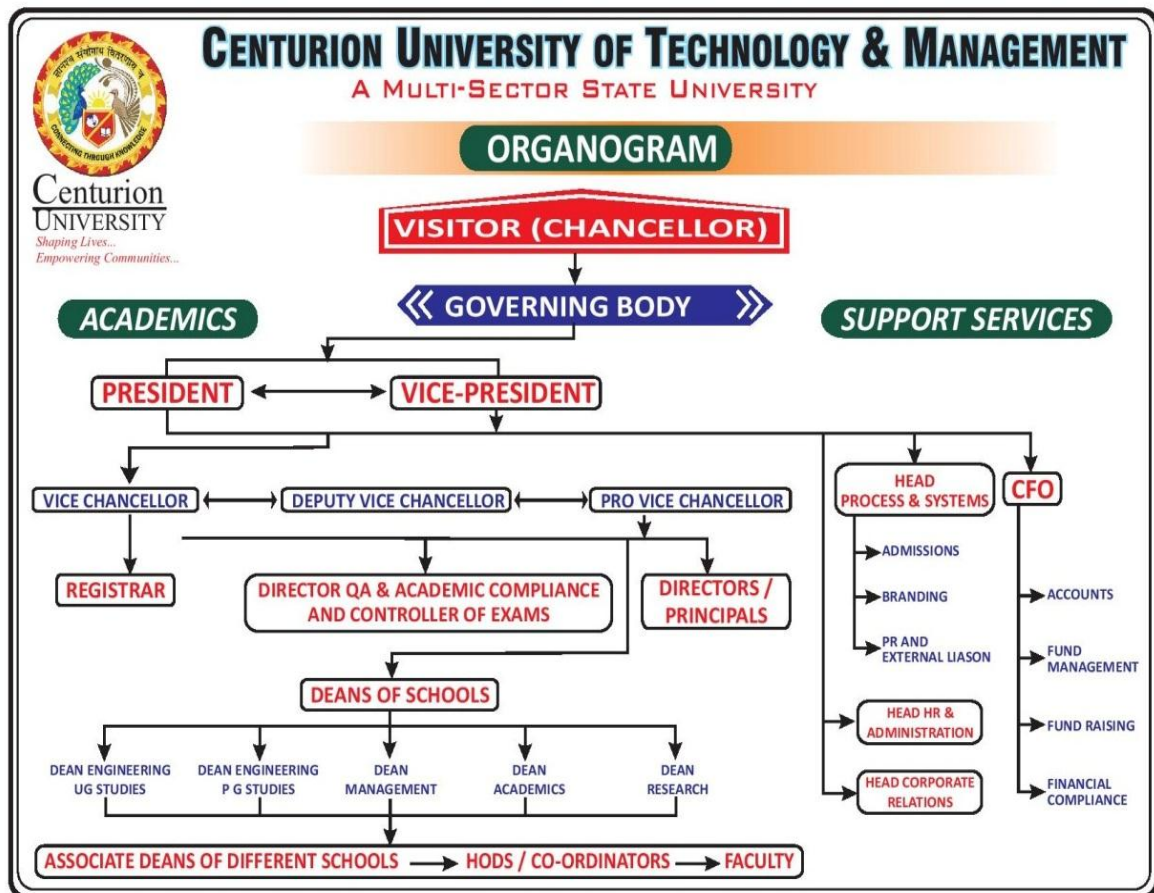
The University with its constituent campuses have area of 120 acres of land (Campus – I: 79.042 acres, Campus – II: 40.883 acres and rest at other locations) and 2.75 lakh square feet of built-up area. It has more than 6000 students in graduate and postgraduate programs and over 15000 students in vocational 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 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 (Click...)

1. Special Achievements:

- a. 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.
- b. School of Management, Centurion University was ranked A++ by Business India Best B-School Survey 2017.
- c. 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.
- d. 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).
- e. 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.

- f. 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.
- g. Centurion University has been given system integrator status by Dassault Systems, a unique recognition among Universities in the Country.
- h. 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.
- i. 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.
- j. 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.
- k. 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".

- l. 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.
- m. 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.
- n. 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.
- o. Mindtree 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.
- p. 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 & Toulous, France.
 - MoU with Dedicated Agri Services Private Limited, Mumbai.
 - MoU with Moto Corp., Madhya Pradesh.
 - MoU with Robert Bosch

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

- u. 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.
- v. 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.
- w. 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.
- x. During the year 118 faculty members & 106 non-teaching staff were recruited at Paralakhemundi, Bhubaneswar, Bolangir & Rayagada campuses of the University.
- y. During the year 5238 Students got admitted into all the UG/PG/Diploma Programmes of the University.
- z. During the year 1038 titles with 6360 volumes of Library Books have been purchased.

2. Grants/Scholarship Received:

- a. 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.
- b. 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
 - Mindtree Foundation

- Care India
- Australian Consulate General

We are grateful to all these organisations.

3. 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).

4. Faculty Achievements:

- a. 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.
- b. 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.

- c. Ms. Priyanka Nandi, Ms. Piyali Dutta, Ms. Umalaxmi Thingujam & Mr. Rojeet Thingujam of MSSSoA submitted thesis for the award of Ph.D.
- d. Dr. Prajna Pani Chaired a technical session at International Conference on Incorporating Folklore Studies in Management Practices at KIIT, Bhubaneswar.
- e. Dr. Nidhi Meher was a speaker in the Conference on Present Trends in Automation and Control Systems at VSSUT, Burla.
- f. 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.”
- g. 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.

5. Students’ Achievements:

- a. 05 B.Tech. Students qualified GATE – 2017-18.
- b. Ms. Dibyasmith Parida from MSSSoA selected in National Institute of Agriculture Marketing (NIAM), Jeypore, Rajasthan.
- c. 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.
- d. 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.

- e. 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.

6. 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.

7. Financial Status of the year 2017-18.

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