



CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA

ANNUAL REPORT – 2020 HIGHLIGHTS...

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.

The Annual Report 2020 highlights are as follows:

1. Special Achievements:

- a. Centurion University has started a new campus at Balasore, Odisha. It is presently providing Diploma, B.Pharm & D.Pharm Courses.
- b. School of Vocational Education and Training (SoVET) under the Centurion University of Technology & Management, (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.
- c. Centurion University of Technology & Management, (CUTM) Odisha, has been recognised as **Assessment and Certification Body** by Ministry of Skill Development and Entrepreneurship, Govt. of India.

- d. Centurion University of Technology and Management was ranked 10th by Outlook-ICARE India University Rankings 2019: Top 25 Young Universities.
- e. Centurion University of Technology and Management received Best University Award – 2019 by Indian Youth Association (IYA).
- f. Gram Tarang Employability Training Service, was ranked A+ by Odisha Rural Development & Marketing Society (ORMAS) November 2019.
- g. Gram Tarang Employability Training Services received CSR Partners Meet 2020 award towards Skilling Highest Number of Youth in Eastern India from Godrej.
- h. Centurion University, Paralakhemundi Campus received award as the Best Institute of Paralakhemundi from Govt. of Odisha, Forest Department on 21st March 2019 for contribution towards outstanding performance in plantation / afforestation and creation of awareness among the people for protection of Forest & wild life.
- i. Centurion University, Paralakhemundi Campus received award Prakruti Mitra from Govt. Of Odisha, Forest & Environmental Department on 5th June 2019 for contribution towards Nature Conservation & Environment Safety.
- j. 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.
- k. School of Paramedics and Allied Health Sciences (SoPAHS) has got recognition for Allied Medical Science Courses for the academic session 2019-20.
- l. 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.
- m. Centurion University has installed vermi composting production units in its adopted 5 tribal villages.

n. 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.

p. University has signed 14 MoU's Some of these include:

- MoU with Forbenious Institute for Research in Cultural Anthropology Goethe University, Frankfurt.
- MoU with Prime University, Dhaka, Bangladesh
- MoU with Central Tuber Crops Research Institute (CTCRI), Thiruvananthapuram
- MoU with Annan Chandra Hassan Trust, Chennai
- MoU with Bosch's India Foundation, Bangalore
- MoU with Vasudhaika Software pvt Ltd, Bangalore
- Mou With Virginia Tech India Research And Education Forum (Vtiref), Chennai, Tamil Nadu

q. Students from universities and institutes of Australia, Norway, University of California, Santa Cruz, USA and other countries Visited Centurion University as a part of their academic program.

r. The incubation wing – CIE (Centre for Innovation and Entrepreneurship) has taken 25 startups. Few of the key start ups incubated are: Likhan, E- Vehicles, Hybrid solar Aerators, Wood-labs, Low cost soil testing kits etc.

s. 96 Distinguished visitors have visited different campuses of Centurion University. Some of them include.

- Film Actor Shri Kamal Hassan visited to Centurion University, Bhubaneswar Campus and received the Honorary Doctorate Award.
 - Dr. K.P.Krishnan, IAS, Secretary, Minister of Skill Development and Entrepreneurship, Govt. of India.
 - Shri. Pradeep Singh Kharola, IAS, Secretary, Civil Aviation, Govt. of India.
 - Mr. Shane Kavanagh and Dr. Justin Lawson, Deakin University, Australia
 - Ms. Simone Heald, CEO, Sunraysia Community Health Services, Western Sydney University
 - Dr. Anona Armstrong, Australia
 - Sr. Prof. Simon Ringer, Sydney University
 - Dr. Jim Lee, Charles Darwin University, NT Australia
 - Shri Naveen Patnaik, Hon'ble Chief Minister of Odisha visited Centurion University, Bhubaneswar Campus for Special Ceremony for Conferring an Honorary Doctorate on Shri Kamal Hassan.
 - Dr. G.V.Ramanjaneyulu, Centre for sustainable Agriculture, Hyderabad
 - Dr. Nigamananda Swain, Watershed & Water Scientist, ICARDA, Afghanistan
 - Dr. Arun Kumar Swain, Assistant Director, State Forensic Science Lab, Bhubaneswar
 - Mr. Sachchit Vekaria, Project Manager, General Aeronautics Pvt Ltd, Bengaluru, India
 - Dr. Rajeswar Prasad, Scientist, Ministry of Environment Forest, Bhubaneswar
 - Mr. Devaraj Biswal, Asst. Manager, SM Laboratories Pvt. Ltd., Hyderabad
- t. The Seventh Convocation of CUTM was held on 6th December 2019 and was presided over by **Prof. Ganeshi Lal, Honourable Governor of Odisha**. 12 Ph.D. Students, 45 M.Phil. Students, 17 M.Tech. Students, 49 MBA/MDM

Students, 374 M.Sc. Students, 248 B.Sc. Students, 505 B.Tech. Students, 32 BBA Student, 273 B.Sc. (Agriculture) Students, 55 D. Pharam Students, and 230 Diploma Students have received the University Certificates. 31 Students of B.Tech., M.Tech., MBA, M.Phil., B.Sc., BBA, Diploma & ITI have received Merit Certificate. 9 Students of B.Tech., M.Sc., B.Sc., D.Pharm, MBA, Diploma & ITI have received **Gold Medals**.

- u. Centurion University of Technology and Management got renewal registration from Department of Social Security and Empowerment of Persons with Disabilities, Govt. of India for a period of five years up to 2024.

v. Research and Patents

A project titled “Cost effective ICT-Data Analytics System for Effective Management of Water and Fertilizer in Precision Agriculture” has been granted in collaboration with IIT Bhubaneswar, Rs. 83.6 lakhs under IMPRINT-2 by Science and Engineering Research Board (SERB).

In 2019, 14 numbers of patents have been filed and 3 number of patents have been published and others will soon be published. As of now University has 22 patents published to its credit.

- w. The University organised a number of events in the areas of Culture, Sports & Socially Responsible activities Some of these include:

Cultural Activities:

- Utkal Diwas celebrated on 1st April 2019
- District Level Youth Parliament was organised in the month of August 2019
- Investiture Ceremony of Gender Champions conducted on 15th August 2019
- World Engineers Day celebrated on 15th September 2019
- Campus Khatai program by Tarang Music Channel on 2nd August 2019
- International Matrubhasa Day was celebrated on 21st February 2020.

Sport Activities:

- Observation and celebration of International Yoga Day on 21st June 2019
- AIU East Zone Inter University Chess Championship – 2019 held at Centurion University, Paralakhemundi Campus from 29.10.2020 to 01.11.2019.
- Inter University Sports Championship organised in January 2020
- National Sports Day celebrated on 29th August 2019

Socially Responsible Activities:

- 4 Unit of NSS of Centurion University have been allocated by Higher Education Department, Odisha on 5h November 2019
 - 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
 - Thousand Tree Plantation in the campus and adopted villages conducted on 30th, 31st July and 1st August 2019
 - Cleanliness Drive conducted in campus on the occasion of Gandhi Jayanti, 2nd October 2019
 - In the view of **National Girl Child Day** celebrated on January 24th by NSS volunteers.
 - World AIDS day was celebrated on 1st December 2019.
 - National Science Day was observed on 28th February 2019.
- x. 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. For the 2020 passout batch the placement is on full swing and 1000+ placement offers have already been made.

- y. 42 B.Sc. (Agriculture) 2019 passout Batch students qualified JRF for PG courses in 2019 and 6 students got Scholarship and joined in different reputed Universities, supported by ICAR.
- z. During the year 126 faculty members & 38 academic support staffs were recruited at different campuses of the University.
- aa. During the year 3265 Students got admitted into all the UG/PG/Diploma/Ph.D. Programmes of the University. This includes 46 international students who got their admissions this year for different courses.
- bb. During the year 250 titles with 751 volumes of Library Books have been purchased.
- cc. Students are preparing for participating in the World Skills 2020 in 18 categories such as Heavy Vehicle Technology, Automobile Technology, Health and Social Care, 3D Game Art, Cloud Technology, Welding etc.

2.Grants/Scholarship Received:

- a. Indo Global Society An amount of about Rs.1.18 Crore has been received from Prerana SC/ST, Medhabruti, E.Kalyan & National Scholarship. Total 427 Students of Paralakhemundi & Bhubaneswar campuses have got benefits.
- b. An amount of about Rs.2.45 Crore was received by the University from different organisations. These include.
 - Hindustan Petroleum Corporation Ltd.
 - Oil and Natural Gas Corporation
 - Western Sydney University

- Himalaya
- Dassault Systems Solutions Lab Pvt.Ltd.
- Western District Health Services, Australia

3. New Courses:

- University launched new courses, such as B.Tech. (Phytopharmaceutical), B.Tech in Computer Science Engg. (IBM), Diploma in Automobile Engineering, Master in Business Administration in Pharmaceuticals, Master in Business Administration for Executives, Bachelor of Science in Bio-Chemistry, Master of Science in Cyber Security.

4. Conferences and Seminars organised:

During the year, a number of workshops and conferences were organised by the University. Some of these include:

- 4th International Conference on Management, Sciences, Engineering & Applications (ICMSEA 2019) on 19th to 21st December 2019.
- The School of Climate and Disaster Studies (SCDS) of the Centurion University organised a 2-days' workshop of experts from 20th to 21st December 2019, on 'Influencing Last Mile in Disaster Risk Reduction (DRR) - Evidence Based Lessons from the Communities'.
- National Seminar on Agriculture Development in Southern Odisha by M.S. Swaminathan School of Agriculture, Paralakhemundi Campus on 26th June 2019.
- Department of Physics and Chemistry organised a National Conference on Recent Advances in Materials (RAM): Green Future on 6th July 2019.

- Electrical Engineering department, Bhubaneswar campus organised a seminar on Transformer Manufacturing.
- National Seminar on “Recent Advances and Challenges in Forensic Crime Investigation” by School of Forensic Sciences and School of Pharmacy and Life Sciences, Bhubaneswar Campus on 14th December 2019.
- Workshop on Computational Thinking by Computer Science Engineering Department, Paralakhemundi Campus
- Workshop on Sound Engineering by School of Media & Communication, Centurion University of Technology & Management, Bhubaneswar, Odisha. February 12-16, 2020
- National Seminar on 5G Communication Techniques by Electronics and Communication Engineering Department, Paralakhemundi Campus
- Workshop on Internet of Things by Electronics and Communication Engineering Department, Paralakhemundi Campus
- Workshop on Refrigeration and Air Conditioning was organised by Mechanical Engineering Department, Paralakhemundi Campus in association with National Engineering Corporation, Visakhapatnam
- Five Day Workshop on Internet of Things using Arduino Board organised by Computer Science Engineering Department, Bhubaneswar Campus on 18th March 2019.
- Mechanical Engineering department, Bhubaneswar campus organised a seminar on Optical Engineering – An evolution from Science to Technology to Product.

- National Seminar on Plants for Sustainable Development and Clean Environment by Department of Botany, Bhubaneswar Campus
- Film Making workshop by School of Media and Communication, Bhubaneswar Campus
- 6th Chandrabhaga Poetry Festival 2020 was organised on 12th January 2020
- School of Applied Sciences along with Ambika Prasad Research Foundation, jointly organised a National Seminar on Indigenous Knowledge and Conservation of Threatened Medicinal Plant.

5. Faculty Achievements:

- 133 faculty members have published research articles in several National/International Journal.
- A number of Faculty have delivered invited talks and Key note speakers at national and international conferences and seminars.
- This year 25 number of our faculty got their PhDs awarded.
- Dr. Susanta Kumar Biswal, Dean, School of Applied Sciences, Department of Chemistry, Bhubaneswar Campus received **Best Researcher Award** by VDGGOOD Technology Factory and VDGGOOD Professional Association Nov 2019.
- Mr. Mir Sadat Ali, Dean SoVET, Paralakhemundi Campus becoming member of Government Committee in Intermediate Education, Telangana.
- Dr. Susanta Kumar Biswal, Dean, School of Applied Sciences, Department of Chemistry, Bhubaneswar Campus received **Best Faculty Award** by Science Father Professional Society, Jan. 2020.

- g. Prof. Prafulla Panda, Department of Civil Engineering, Parlakhemundi campus was awarded Bharat Vikas Award by ISR India on 14th Dec 2019, in the field of Disaster Mitigation and Mangement.
- h. Dr. Susanta Kumar Biswal, Dean, School of Applied Sciences, Department of Chemistry, Bhubaneswar Campus received **Best Academician Award** by Indian Youth Association, Dec. 2019.
- i. Mr. Sambid Swain, Assistant Professor, Department of Fisheries – Received Bharat Vikas award from Institute of self-reliance for aquaculture and endocrinology study on 14th Dec 2019
- j. Dr. Venkat Satish Kuchi, Associate Professor, Department of Horticulture, selected for best researcher award in **4th International Scientist Awards on Engineering, Science and Medicine** held on **15-Feb-2020 at Chennai**
- k. Dr. Ambika Sankar Mishra, Associate Professor, School of Media Communication, Bhubaneswar Campus received an Achievers Excellency Award 2020 by Achievers Foundation February-2020.
- l. Prof. Prafulla Panda, Department of Civil Engineering, Parlakhemundi campus was awarded the Research Excellence Award 2019 by Institute of Scholars.
- m. Dr. Atanu Deb was invited as speaker “Watershed: Need for farmers' friendly handbook, Prasari, Kolkatta, 17th August 2019.
- n. 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
- o. Professor Chandrabhanu Pattanayak chaired a Review Panel on Community Media for Development, Khulna, Bangladesh, 28th March, 2019.
- p. Dr. Madhumita Das was felicitated at 'Bhitarkanika Mahotsav' for her paper "Ecotourism and Conservation". Dr. Das was invited as a guest

speaker for her research work on Ecotourism at the festival. The Mahotsav was organized by the Government of Odisha.

- q. Prof. Prafulla Panda, Department of Civil Engineering, Parlakhemundi campus was invited as a speaker in the conference of “World Congress on Geology and Earth Sciences” held at London, UK, from 11th to 13th July 2019.

6. Students' Achievements:

- a. Mr. D. Shuvam B.Sc. (Agriculture) Ms. Swaminathan School of Agriculture Receive Aiasa Gold Medal 2019 Indian Council of Agricultural Research, Raipur, Chhattisgarah.
- b. Subhankar Raut (B.Sc. Radiology), receive 2019, All India Body Building & Best Physique Competition, Silver, 1st Position Weight Lifting Champion.
- c. Rohit Ku. Kandhapan (B.Sc. Radiology), receive 2019, Bodybuilding (Boys) Above 65, 2nd Position.
- d. Dibya Ranjan Behera, (B.Sc. Radiology), receive 2019, Paper Quilling Crafts Competition, 2nd Position
- e. Jayeeta Dandapat, (B.Opto. 2nd Sem) receive,2019, GT - Skill Competition , 1st Position
- f. Jivan Jyoti Mishra, M.Sc. (Botanay) School of Applied Sciences, Bhubaneswar Campus has qualified JRF 2019 with All India Ranking 99.
- g. Bikash Senapati, Final Year B.Sc. (Physics) of School of Applied Sciences, Paralakhemundi campus has qualified IIT Jam 2019 With All India Ranking 4687.
- h. Usharani Patra School Of Media Communication, Bhubaneswar Campus (Bamc-3) Received Award In Film Making In Aaina Film Festival Award.
- i. Sarat Kumar Jena School of Media Communication, Bhubaneswar Campus Received Full Scholarship During Jewish Activism Summer School (Jass

2019). School of Jewish Theology, Universität Potsdam. Potsdam (Germany). July 29 – August 18, 2019.

- j. Pankaj Kumar Patro, P. Varun Kumar, B. Leela Sai Prasanth and Debasis Mohanty of Computer Science Engineering won the Runners up and the Jury award at VARCO National Hackathon held at IIT Bhubaneswar on 10th -12 th Jan 2020.

7. New Constructions:

A. Paralakhemundi Campus:

An area of about 20000 sqft. has been constructed.

WAPCOS pond has been made.

B. Bhubaneswar Campus:

An area of about 184604 sqft. has been constructed.

Butterfly Park has been made.

8. Financial Status of the year 2019-20 (Rupees in Lakh.)

Total Revenue Receipt : Rs. 12834.15 Lakh

(i) Salary component : Rs. 4074.04 Lakh

(ii) Principal & Interest : Rs. 1086.20 Lakh

(iii) Transport : Rs. 375.68 Lakh

(iv) Others : Rs. 6916.25 Lakh

Total : Rs. 12452.17 Lakh

Net Surplus : Rs. 381.98 Lakh