



Centurion
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Centurion University of Technology and Management Bhubaneswar Campus IQAC Minutes of Meeting (October – December 2020)

Date : 4th April 2020

Time : 11.00 AM

Venue : Zoom App

Members Present:

1. Dr. Prashant Kumar Mohanty (Dean Academics)
2. Prof. Jaganath Padhi (Director)
3. Prof. KVD Prakash (Dean HRD)
4. Prof. Swarna Prabha Jena (HoD, ECE)
5. Prof. Amit Kumar Sahoo (HoD, EEE)
6. Prof. Pragyan Parimita Debata (HoD, Mechanical)
7. Dr. Kamal Kumar Barik (HoD, Civil)
8. Dr. Sujata Chakrabatty (HoD, CSE)
9. Dr. Dipankar Bhattacharyay (Dean, SoAS)
10. Dr. Dojalisa Sahu (HoD, Chemistry)
11. Mr. Mohammed. Siddique (Associate Dean SoAS)
12. Dr. Goutam Kumar Mahato (HoD, Mathematics)
13. Dr. Amiya Singh (Dean, SoVET)
14. Dr. Padmaja Patnaik (HoD, Physics)
15. Prof. Sunil Kumar Jha (Dean SoPAHS)
16. Prof. Chandrabhanu Pattanayak (Dean, IKS & SoMC)
17. Dr. Siba Prasad Parida (HoD, Zoology)
18. Dr. Sagarika Parida (HoD, Botany)
19. Dr. Gurudutta Pattanayak (Dean, SoPLS)

Agenda & Action taken

- Keep on updating the NAAC files regularly.
- Articles and books published from different Research centres.
- From November 2nd all faculty and staff members are coming to Campus as per government decision of Covid-19 guidelines.
- Due to Covid-19, classes are going on online through Google meet and Zoom link.
- All faculty members will publish at least 3 research articles in UGC Care / Scopus / WoS indexed Journals.
- All mentors were advised to keep contact with their mentees or respond immediately on any issue reported by the students related to academics.
- Meeting with all faculty members to develop a domain syllabus specially keeping in mind to prepare the students for NET/GATE/JAM examinations.
- Faculties were asked to start documentation work for NBA Accreditation.
- Meetings were conducted to inform faculties about the guidelines to conduct backlog EoD Exam.
- All faculties were asked to prepare MCQ questions for the Odd semester examination
- NAAC documents were getting reviewed on a weekly basis by SMT members.
- A Career Counselling Meeting was conducted to convince all faculties to enrol for Ph.D.
- All faculties were asked to submit their course progress report on a weekly basis and also a Google sheet was circulated to fill it up.
- Faculties were asked to take extra classes for late registered first year students.
- All professors were asked to use the Big blue button for an online teaching platform.
- All mentors were suggested to check the Credit requirement of final year students and monitor their mentees credit calculation such that they won't face last moment credit shortage problems.
- All Professors were asked to conduct 2nd internal by taking presentations from students.
- IRINS Account, ORCID and Google Scholar accounts were created and updated.
- Online classes were scheduled and taken through Big Blue Button.

Admission related

- Student orientation program was conducted on 16th December 2020 in virtual mode for newly admitted students.
- In This quarter as students are not available in campus/class we are unable to perform any kind of group activity (workshop/career counselling).But the Dept. faculties are connected with the admission team throughout this admission season, and giving counselling as well as clearing doubts of interested candidates over phone whenever required.
- 14 no. of EEE students and 8 no. of Lateral entry students have got admission for this academic year 2020-21.
- Students admitted under the school of Management for new session: 82 for BBA program and 57 for MBA Program.
- Admission related meeting was conducted by Dr. Nitesh Dhar Badgayan, Principal, SoVET, Bhubaneswar campus.
- In ECE Department 9 students were admitted in 1st Year and 2 students were admitted through lateral entry.
- In SoPLS admission in B.Pharm – 100 Students, LE – 10 Students and D.Pharm – 60 students - 2020 batch.
- Two new Post-graduate programmes in the Department of Pharmacy (M.Pharm in Pharmaceutics and M.Pharm in Industrial Pharmacy) have been proposed as per regulations to the Pharmacy Council of India (PCI).

- Orientation Program for newly admitted B.Pharm & D.Pharm students was conducted in virtual mode on 18th September 2020.
- The admission coordinator is responsible for all admission related issues and will guide the students in this regard. He can take help from any faculty member whenever required.
- Student orientation program was conducted on 18th December 2020 in virtual mode for newly admitted students

Teaching and Learning

- The department has revised the syllabus for the 2020-2021 academic sessions and introduced many advanced subjects and domain courses like Data Science and Machine learning, Cloud Technology, AR/VR and Cyber Security.
- All the faculties developed the course content and session plan for their respective subjects and published it in courseware.cutm.ac.in. This website also contains the curriculum, the method of teaching and evaluation. Students are having open access to this website. Academic calendar and the detailed syllabus and regulations are published on our university website.
- CSE department has conducted orientation programmes for the first-year students and familiarizes them with the opportunities available at the university and its expectations from them.
- Student Feedback is also collected on teaching and learning by the HOD and is communicated to the respective faculty members to bring further improvement in weak areas.
- CSE department has started online classes for all semester students in view of the pandemic situation and it will be our regular practice after covid period. We will ensure a minimum 20% of the course delivery will be made through online. The virtual lab platforms are used for practice courses. Students are submitting the e-lab records through a digital vlab platform.
- The time table for even semesters has been already circulated.
- All the faculties have prepared doodly and Adobe spark videos related to all certification, domain, and branch specific courses.
- Video recorded lectures to be made available to students for content (about 50% of the course time) as a backup in a semester time.
- All courses have a minimum 20% online delivery.
- Time-table prepared for the odd semester for 17 weeks (as per the academic calendar hosted in the CUTM website).
- External Examinations for laboratory and project were conducted for B.Sc 5th and MSc 3rd students.
- Uploaded the time table for even semester has been already circulated.
- Discussed to covert theory subjects to minimum 'Theory-Practice or Project' mode
- All the faculties have prepared doodly and Adobe spark videos related to all certification, domain, and branch specific courses.
- Back-up system: Links of Video recorded lectures to be made available to students for content (about 50% of the course time) as a semester time.
- Subject depository plan prepared and finalized in the faculty meeting has further been hosted in ERP through the MIS cell.
- New Certificate courses were designed and were placed for BOS approval.

Assessment

- 2nd internal assessment of both M.Sc. and B.Sc. students were completed in the month of November.
- Odd semester exams of both M.Sc. and B.Sc. The final year was successfully completed.

- The University updated some examination policy, attendance rule and evaluation procedure for all types of subjects which is notified to the students in advance by the registrar of the University through a notification. This is also available on the website (courseware.cutm.ac.in) for the student's reference.
- Online Semester exams were completed for all batches of even semester.
- All internal marks (Theory, project and practice) were uploaded in the ERP.
- Odd semester of both M.Sc. and B.Sc. was completed.
- The classes have been conducted by faculty members in impartus/zoom app strictly following the syllabus and lesson plan uploaded in the courseware of the university.
- First internal is already completed in online mode by the QA Cell and 2nd internal is also completed by respective subject teachers through online presentation mode and the marks were also updated in ERP.
- Time table for the even semester (existing batch) and odd semester (newly admitted batch) is already circulated among faculty members.
- Subject depository plan prepared and finalized in the faculty meeting has further been hosted in ERP through the MIS cell.
- Second Internal examination was conducted smoothly in the Online Mode and students were evaluated based on their presentation.
- Last EoD was conducted in online mode and results were also published.
- Students are accessed by internal and external examination, project, practice and assignment in online mode. The project and practice components included both external and internal evaluation. Students attended their final examination by online mode. Impartus platform was closed since 17.11.2020 and since then all the online classes are being taken by the faculty members through the google meet platform.
- Online tests were conducted for theory papers on the respective subjects for 1st internal.
- Online powerpoint presentations were conducted for theory papers on the respective subjects for 2nd internal.
- Online powerpoint presentations were conducted for practical papers as their internal evaluation.
- Second internal was successfully conducted through online resources.
- EOD was conducted and results were published.
- The classes have been conducted by faculty members in zoom app / google meet strictly following the syllabus and lesson plan uploaded in the ERP of the University.
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- New Certificate courses were designed and were placed for BOS approval.

Student Performance:

- Analysis of odd semester results will be done after the announcement of the result in the second week of January 2021.
- Department has conducted internal and external exams for internal practice and project in current semester and backlog EOD practice and project marks also communicated to exam cell.
- Odd semester online examination results were published and our departmental students had secured very good Grades.
- Online EoD exams were conducted for theory and lab backlog students.
- Mentors are advised to talk to students to maintain the subject registration credits.
- The mentors have been followed up to clear the dues of their mentees.
- All students of BBA and MBA are attending online classes except few students are unable to attend class due to personal reasons and network issues. Almost all the students attended all the components of the evaluation of all the courses. Parallel batch classes were conducted for BBA 3rd Semester and BBA 5th Semester students and their semester was also completed in a truncated manner so as to merge them with the regular students.
- Result analysis will be done after the publication of results for the 3rd and 5th semester.
- Three of our B.Sc students, Nirvan Abhilash, Sidhant Kumar Panda & Mousumi Jena participated in the International Astronomy and Astrophysics Competition (Online) and qualified the Final round and got certificates.
- Student's performance observed from the examinations conducted was very good.
- Ritu Raj Ghosh of B.Sc final year has participated in quotation competition organized by CSR cell on the occasion of aids awareness program.
- Mentors are advised to talk to students to maintain the subject registration credits.
- The mentors have been followed up to clear the dues of their mentees.

Students Activity:

- Aman Kumar Gupta of B.Sc final year has participated in policy making organized by NITI AYOJ, Govt. of India on 25th Dec 2020.
- Ritik Kumar Bhatta of B.Sc final year has participated in quotation compilation organized by CSR cell on the occasion of aids awareness program and won 3rd prize.
- Students were asked to attend the Regular FDP (4-6 PM) to upgrade their skills and give presentations on their skill expertise.
- Convocation was held in online mode and digital certificates were presented to students.
- All the domain projects were evaluated and students were encouraged to publish papers regarding their project.
- One of the students published a paper in Scopus journal.
- Students completed their SIP presentation and viva, conducting projects as well as delivering 'Flip' classes.
- Students presented ppts on different topics as a part of 2nd internal and project evaluation.
- Online Convocation was conducted for all pass out students and Digital Certificates were presented.
- Students are preparing for their second internal test which will be on the basis of powerpoint presentation.
- All the domain projects were evaluated and students were encouraged to publish papers regarding their project.
- Parallel batch for B.Pharm 3rd and 5th semester was started from the month of November 2020.
- Students from B.Sc. MLT, RIT, CMB, M.Sc. CMB and M.Sc. MLT were facilitated in different hospitals in Bhubaneswar and Cuttack for their internship and project.

Students Welfare

- A national webinar was organized by the Department of Botany, School of Applied Sciences, on 30th December 2020 on the topic “Plant Disease Management in Omics Era”.
- Students appeared for their second internal test in PPT presentation mode as per new University rule which was a great and new experience for both students and teachers.
- Every mentor is asked to contact the parents to intimate about the changes in course structure, it’s implication as well as conduction of online class by courseware in this semester.
- Odd semester examination was over online and even semester classes will start from the first week of January 2021.
- Students got their certificates through an online convocation held in October 2020.
- Parent Teachers meeting was held for the students across all the years so that the students along with their parents could visit the campus and express their concerns about their ward if any and share experiences or any information required from the teachers at the department level.
- Hostel Visits were conducted by faculties during evening hours to ensure that the decorum of the student’s study hour is maintained and conducive environment provided.
- Counselling of students to adopt the changing situation (online classes, change in teaching pedagogy and evaluation) with a positive approach.
- Students are counselled by their mentors regularly through meetings and issues like placement preparedness, academic related issues, outstanding dues and any other problems faced by them were discussed.
- Soft copy of all courses as per the syllabus were prepared and uploaded in the courseware app. In the orientation programme, B.Sc. and M.Sc. 1st sem students were advised to use the app.
- Students were provided with soft copies of assignments, MCQ Questions, numerical etc. to help them in online classes.
- A V-lab platform was created to conduct and evaluate Lab classes virtually.
- A webinar on Marine Benthic Biodiversity of India was organized by the Department of Zoology on 17th October 2020. The session was initiated by Dr. Yashaswi Nayak, H.O.D., Department of Zoology. The speaker of the day was Dr. G. A. Thivakaran, Blue Bay Coastal Research Foundation, Chennai.
- A webinar on Fisheries technology for livelihood and nutrition was organized on 29th October 2020. Dr. Tanuja Somaranjan gave her talk on “Fisheries technology for livelihood and nutrition”. The session was initiated by Dr. Yashaswi Nayak, the Head of the Department, Department of Zoology.
- A webinar on Aquaponics- A modern technology was organized on 12th November, 2020. Dr. B.C. Mohapatra, Principal Scientist, ICAR-CIFA, Bhubaneswar gave an informative webinar on Aquaponics. He has won the Lifetime Achievement awards for his contributions. He is the Principal Scientist and Principal investigator at ICAR-AICRP on PEASEM.
- Job readiness program: IELTS preparation, Mock interviews and QA preparation Online debate competition participation.
- Mentors were asked to contact the parents to intimate about the changes in course structure, it’s implication as well as conduction of online class by courseware in this semester.
- Students got their certificates through an online convocation held in October 2020.

Student Training:

- M.Sc. students were trained in Simulia tools to complete their domain course.
- Career counselling with group discussion and personal interview was carried out.

- Students are preparing the coding in hacker rank platform.
- LSD classes were initiated for all the eligible students.
- Base line or Cupet test, AMCAT, my perfection has been initiated for students.
- Summer placement training, Cocube pre assessment training were carried out.
- All the students are trained on how to use the Big Blue Button app for online class.
- All the students were given training online, how to appear as a baseline test for eligible to sit in a campus recruitment process and also students appeared for the test and the qualified list was published by the placement cell.
- Students were trained through exercising their Verbal & Analytical skills through First naukri in order to provide direct Interviews in various MNCs by Firstnaukri.
- Skill and training programs were planned internally and externally for 7th and 5th semester students to increase their scores up to 80% in AMCAT and also increase the employ-ability standard for them.
- Students attended a webinar on “Change in labor laws” on 3.10.2020.
- Summer placement training, Cocube pre assessment training were carried out
- Base line or Cupet test, AMCAT, my perfection has been initiated for students.
- AutoCAD and Dasault system 3D training
- All the newly admitted students are trained on how to use courseware apps for online class through online Mode.

Job Preparedness

- Virtual doubt clear class was being taken for M.Sc. 3rd semester students who were preparing for CSIR NET and GATE.
- Job preparedness technical classes were conducted for the final year student in online mode.
- It is planned to develop skills to appear for interviews keeping in view of the requirement in hospitals and other health sectors for paramedic students.

Student Mentoring

- The Mentors are connected with their respective mentees throughout this quarter over phone and also conducted weak wise online sessions with their respective mentees to discuss their problems if any. At the end each month each mentor shares a brief report of their mentees, which contains all the critical cases. Finally the consulted report generated by the department and shared with the Head of. The department. Every month in the HOD meeting this report is presented in front of the DEAN and higher management. The important issues addressed are like.
 - i) Individual backlogs and action plan
 - ii) Issues raised by students during online classes
 - iii) Training and Placement related issues
 - iv) Admission Fees related issues
 - v) EOD related issues
 - vi) Specific issues if any
- Online mentoring was carried out each week especially for newly joined students.
- Mentors are frequently interacting with students and parents and informing about online classes and projects. Academic updates and personal problems of mentees are being followed strictly.
- Mentoring was done by faculty members for B.Sc and M.Sc students.
- Mentors were constantly in touch with their mentees to make them aware about the online class, internal exam, project evaluation, semester exam, Payment process.
- Students issues, ERP issues, dues issues are being addressed and solved by the mentors.
- All the mentors were advised to take feedback from students regarding online classes.

Placement Training

- LSD classes were initiated for all the eligible students
- Online training was arranged to get students ready to appear for placement interviews.
 - i) Special aptitude, reasoning, technical classes had been given.
 - ii) Life Skill Development Programme
 - iii) Aptitude, Personality Development, Job Readiness Programme.
 - iv) Special Coaching for GATE & UPSC Exam.
 - v) IELTS and AMCAT assessment tests were held.
- Employability Training and Self-Assessment by British Council (Aspiring Minds, Cocubes, iCalirator, Eureka, OPTCL, Pegasus, Showhow2, My perfection).
- Everyday online mock PI was conducted as part of the students' placement preparedness.
- Students attended a webinar on "How to start a business" organized by FICCI from 7.10.2020 to 10.10.2020
- Students attended webinar sessions: ICICI Bank - "Shaastraarth" – a congregation of 50 corporate leaders on 14.10.2020.
- Placement training classes were conducted through impartus and cocubes medium (online) during this lock down period.
- For the final year students the placement training will be started as soon as they reach the campus.
 - Special Coaching for GATE & UPSC Exam
 - Special aptitude, reasoning, technical classes had been given
 - Life Skill Development Programme
 - Personality Development, Job Readiness Programme.
 - Assessment tests for IELTS and AMCAT.
 - Employability Training and Self Assessment by British Council
 - Aspiring Minds, Cocubes, iCalirator, Showhow2, My perfection, Eureka, OPTCL, Pegasus.
- Career counselling programme was conducted in virtual mode for B.Pharm students.
- One month Hospital training and Industrial internship programmes have been carried out at various Hospitals and Industries by the students.

Student Satisfaction Survey

- Not done in this quarterly period.
- On 29th September 2020 an online survey was conducted by the dept. of CSE to collect feedback related to academic and curriculum design. In this online survey a total of 49 students participated and shared their feedback. The compiled report of the same analysed and circulated for action initiation.
- All the mentors are regularly encouraged to take feedback and faculties are taking doubt clearing classes regularly.
- Online feedback was taken from Students for the online semester examination centrally.
- The student feedback on the last semester subjects and teaching methods is complete in ERP.
- 1st year students have also shared their feedback on their ongoing subjects.
- All the mentors are regularly encouraged to take feedback and faculties are taking doubt clearing classes regularly.

Job Preparedness

- Department has planned to develop a domain subject specially keeping in view of CSIR –NET and GATE syllabus for M.Sc students.
- MOCK interviews and GD and PI were planned at the department level.

- Job readiness course offered by SoM for both MBA and BBA students which is of six credits entirely in practice mode. Students all registered for perfect practice platform to undergo practice test as a part of their job preparedness. Online Mock PI were conducted in which the SoM faculties in two separate panels conducted the Mock PI of the students scheduled date wise from 23.11.2020 onwards.
- Online feedback was taken from Students for the newly developed syllabus, for online classes, teachers and online examination.
- MOCK interviews and GD and PI were planned at the department level.

Faculty and Staff

Faculty and Staff Welfare

- Dr. Sagarika Parida delivered a talk on “Standardisation of Herbal Drugs: Traditional Methods to Modern Approach” as a Resource Person in the webinar Organised by the Department of Botany, Tulasi Women’s College, Kendrapara on 31st December 2020.
- An International webinar was organized by the Department of Botany on 27th December 2020. The theme of the webinar was “Recent Advance in Biological Sciences”. Eminent speakers from leading institutions of the globe,
- One faculty member Mr. Kaliprasad Rath was on a one month notice period in December and he was relieved from the department on 31st December.
- The Department of Mathematics arranged one farewell meeting on 31st December for Mr. Kaliprasad Rath.
- All the faculty and staff members were notified to come to campus as per department of higher education guidelines and if anybody develops any type of cold/fever/snitch then he/she can work from after taking permission from HoD/Dean/VC.
- Incentives of 10,000/- were declared for faculties publishing 3 research papers in between July-Dec 2020.
- Mr Debaraj Rana, Mr Subrat Kumar Pradhan and Mrs Swarna Prabha Jena were invited as reviewers in an IEEE conference 2020.
- The annual enumeration of migratory birds at Rairakhol Forest Division was conducted on 26th and 27th December 2020. Dr Siba Prasad Parida was invited as resource person for Pre-Bird Census Orientation programme of Rairakhol Forest Division.
- The IQAC Cell of S.D. Women's College invited Dr. Yashaswi Nayak, Head (Department of Zoology) and Dean, School of Applied Sciences, Centurion University of Technology and Management, Odisha to give a talk on “Post Pandemic Career Opportunity ” in online mode. She explained several aspects of biological sciences in career building in India as well as abroad. The seminar was attended by all the students and faculty members of the S.D. Woman’s College, Rajgangpur, Sundargarh.

Awards Received:

- Dr. Gyanranjan Mahalik got Global Teaching Excellence award 2020. The award ceremony was conducted/ organized by Kites Kraft production.
- Dr. Sudhansu Samal awarded with certificate of professional membership by IFERP.

Faculty participation in Seminars/Conferences

- Dr. Sagarika Parida participated in virtual FDP on “Research Grant for Higher Education” on 19th December, 2020, organized by Navjivan Center for Development.

- Dr. Sagarika Parida participated on National webinar on the topic “Plant Disease Management in OMICS ERA”, organized by the Department of Botany, School of Applied Sciences, on 30th December 2020
- Dr. Gyanranjan Mahalik participated in an online webinar on the topic “Molecular and physiological mechanisms of drought tolerance in Rice - A tale of backbencher gene” on 19th October 2020. Organised by Bioingene.
- Dr. Gyanranjan Mahalik participated in one day National Webinar on “Application of genetic engineering and molecular biology in development of transgenic plants” on 27th November 2020. Organized by Kalinga University, Raipur.
- Kalpita Bhatta participated International Conference on “Omics of Plant-Pathogen Interaction with their implication” to be held from November 16 to 18th, 2020 by virtual mode. **Organised By National Institute of Technology (NIT), Rourkela, Odisha.**
- Kalpita Bhatta participated in the National Conference on “Present and Future of Drug Delivery Approaches and Molecular Medicine” held online during November 19-20, 2020 organized by Department of Life Science, National Institute of Technology, Rourkela, Odisha, India.
- Dr. Kalpita Bhatta participated in the International webinar organized by Plantgenomia on Genome Editing to enhance Multiple Disease Resistance in Crop plants through virtual mode on 20th December.
- Dr. Kalpita Bhatta participated in the International e-Conference on Recent Advances in Biological Sciences organized by the Department of Botany, School of Applied Sciences, Centurion University of Technology and Management, Odisha, India on 27th December 2020.
- Dr Rukmini Mishra participated in an e-International webinar on Current trends and Future prospects of Plant science organized by Department of Botany (Govt. College, Patharia, MP.) on 17th of December 2020.
- Dr. Rukmini Mishra participated in the International webinar organized by Plantgenomia on Genome Editing to enhance Multiple Disease Resistance in Crop plants through virtual mode on 20th December.
- Mrs. Bhageswari Behera participated in an e-International webinar on Current trends and Future prospects of Plant science organized by Department of Botany (Govt. College, Patharia, MP.) on 17th of December 2020.
- Mr. Chittaranjan Routray has participated in one day virtual national webinar on impact of national education policy on NAAC parameters organized by Pillai College of Arts, Commerce & Science (Autonomous), New Paveel, Maharashtra, India on 31st oct.2020.
- Dr. Bidyut Kumar Kundu chaired a session in the international virtual conference of recent advances on emerging materials organized by department of chemistry, Centurion University of Technology and Management, Odisha on 23rd Dec.2020.
- All faculty members participated in a one day international virtual conference of recent advances on emerging materials organized by department of chemistry, Centurion University of Technology and Management, Odisha on 23rd Dec.2020.
- Rama Prasanna Dalai
 - i) Attended One week e-STTP on Future Perspective of Electrical Power System from 9th to 13th Oct 2020.
 - ii) Attended 2 days online certificate course on PVSyst from 28th to 29th Oct 2020.
 - iii) Attended AICTE STTP on Research Trends in Renewable Photovoltaic System and its Research Challenges from 19th to 24th Oct 2020.
 - iv) Attended AICTE sponsored online STTP on Modeling & simulation of RES using MATLAB from 2nd to 7th Nov 2020.

- v) Attended AICTE sponsored Online STTP on Recent development & entrepreneurship in sustainable green energy technology & Smart grid from 23rd to 28th Nov 2020.
- vi) Successfully completed AICTE sponsored One Week Short Term Training Program (STTP) on “Digitally Controlled Power Converters for Industrial and Renewable Applications (Phase-III)” held during 14th to 19th December, 2020.
- vii) Successfully completed a 30 days master class on MATLAB Simulink from 23rd Nov to 22nd Dec 2020.
- Nanda Kishore Ray
 - i) Attended AICTE Sponsored STTP on Engineering Ethics from 21-26 Nov 2020 Organized by Dept. of EEE, VSSUT, Burla.
- Dr Girija Nandini participated in the Virtual Trainers’ Training Programme on Entrepreneurship conducted during 19-23, October, 2020, by Entrepreneurship Development Institute of India, Ahmedabad.
- All the faculty members of School of Management participated in the workshop, “How to start a business”, Conducted by FICCI FLO, from 7th to 10th October 2020.
- Dr. Saubhagyalaxmi Behera chaired a session in the Third International conference on Advance Materials ICAM 2020 organised by Mahatma Gandhi University, Kottayam, Kerla.
- Mrs. Bhabani Dash, has participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Sensor Technology" from 1st October to 5th October 2020 at National Institute of Technology, Jamshedpur.
- Mr, Subrat Kumar Pradhan has participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Sensor Technology" from 1st October to 5th October 2020 at National Institute of Technology, Jamshedpur.
- Dr. Chandra Sekhar Dash has participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Sensor Technology" from 5th October to 9th October 2020 at Gnanamani College of Technology.
- All faculty participate in regular FDP’S organized by Zoological Survey of India based on Faunal Diversity in their Natural Habitat

Faculty requirement and development:

- Dr. Bidyut Kumar Kundu and Dr. Shrabhan Kumar Sahoo are recruited as assistant professor.
- All faculty members were advised to attend online FDPs/ Workshops/Seminars/ Webinars during this month.
- All most all faculties have attended online webinars and FDPs and Dr. Goutam Mahato Chaired a Technical Session in The 3rd International Conference on Frontiers in Industrial and Applied Mathematics, FIAM-2020, held at NIT Jamshedpur, India during December 21-22, 2020.
- Dr. Bhabendu Kumar Mohanta and Dr. Mamata Wagh, two faculty members joined CSE department on 1st December 2020.
- Dr. Rajendra Khadanga joined as Associate Professor for our EEE Department
- Mr. Joy Choudhury joined a Project Manager for our EEE Department.
- SoM faculty members are actively involved towards contributing for their respective research center and all are given time till mid-November to focus on capacity building through attending online FDPs, enrolling and pursuing online courses at Coursera, Udemy etc. All the faculty members of School of Management attended a demo of a statistical software package called “Systat 13.2” through which several statistical analyses can be done just like the most used SPSS software.

- Dr. Chinmayee Dora, Join Department of ECE, SoET Bhubaneswar Campus, Centurion University of Technology and Management, Odisha on 1st December 2020.
- Mr. Ranjan Kumar Sahoo - Assistant Professor - Pharmaceutical Chemistry.
- Mr. Bikash Ranjan Jena - Assistant Professor - Pharmaceutical Analysis.
- Mr. Biswajit Samtanray - Assistant Professor - Pharmaceutical Analysis
- Mr. Avishek Sahu - Assistant Professor – Pharmacognosy.
- Mr. Yashwant Giri - Assistant Professor – Pharmaceutics.
- Mr. Ashirbad Nanda - Assistant Professor – Pharmacology.
- Ms. Sucharita Babu - Assistant Professor – Pharmacology.
- Ms Ayushi Pradhan - Assistant Professor – Pharmacology.
- Mr. Manzoor Ali and Mr. Arup Saha are recruited as professor in radiology and assistant professor in optometry.

IT resource:

- Big Blue Bottom software was installed centrally and user id for every faculty was created to conduct online class.
- Through CUTM, Timesheet tracker, every employee was submitting their work from home report and also work from office report online every day.
- All the faculty members are using Google meet and Zoom apps for conducting online meetings during lockdown period. Online classes were conducted on Impartus platform for this currently ongoing odd semester since 13th July, 2020. Impartus platform was closed from 17.11.2020 and since then all the online classes are being taken by the faculty members through the Google meet platform.
- Faculty members were trained to take online classes in the Big Blue Button App. Faculty and students were given login to Virtual Lab where lab records can be submitted and evaluated.
- Faculty members were given login to the plagiarism softwares like Turnitin and Urkund to check the plagiarism % of their articles before sending for publication.

Lab/ workshops development (equipment & others):

- New equipments and chemicals list were given to the purchase team.
- Faculties performed various Lab experiments through Virtual Lab during COVID19 Global Pandemic.
- Some research activity initiated by both faculties and M. Tech. scholar and PhD students in Advanced Testing Laboratory, Thermal Laboratory and EDM Laboratory.
- Equipment and chemicals were not procured for the laboratory in this quarter.
- New equipment and chemicals list were given to the purchase team
- Physiotherapy lab setup is in process and all the equipment was purchased.

Physical Facilities:

- Proper classrooms were provided to each discipline. In this COVID period no physical classes were taken.
- New class rooms for M.Sc. and B.Sc. have been allotted.
- Proper classrooms were provided to each discipline, but in this Covid pandemic situation physical classes were avoided.
- New class room for M. Sc. and B.Sc. have been allotted.

Library Facilities: In the Departmental library all books are there for each subject. For upcoming academic sessions foreign author books will be procured for references.

- List of books given to the library for purchase.
- List of Books (Texts & References) for the upcoming course (zoology) submitted to the library for procurement.
- In the department, some books have been purchased as per the requirement of Faculties.

Facility for e-content:

- Notes and ppt were prepared by faculties of respective subjects.
- Faculty members are preparing E-contents for certificate courses on behalf of their research centre.
- E-Content is being prepared by the faculty members for their own courses handled by them and regularly the contents are updated in the courseware.
- Faculty members prepared E-content of their respective subjects they taught that was collected centrally by the University and uploaded in the website for reference by the students.
- Faculty members are preparing E-contents for certificate courses on behalf of their research centre.

Support and Progression

CSR Activity:

- A "Virtual Alumni Meet: Homecoming Event" was organized as part of the Alumni on 30th December 20 from 4 PM onwards. Any student who passed out from JITM / CIT / CUTM irrespective of any Course / Year / School / Campus of Centurion University were invited as alumni. Students of the department of Botany also participated in this event.
- The Eighth Convocation of Centurion University of Technology and Management, Odisha was scheduled on **5th October 2020 (Monday)** at **11.00 AM** on the virtual mode. All faculty with students and their parents were invited to this event. Visitor of CUTM, Prof. Ganeshi Lal, and the Honourable Governor of Odisha has given his consent to grace the occasion.
- Students took part in CSR activities online due to covid-19 pandemic.
- "World AIDS Day" is being celebrated on 1st December 2020 where different events were performed by different students.
- Vigilance Awareness Week - 2020 (27th Oct - 2nd Nov 20) and related Competition held on 30th December 2020.
- World AIDS Day Celebration on theme ending the HIV/AIDS Epidemic: Resilience and Impact held on 1st December 2020.
- Students took part in CSR activity through online on the theme **Unlock in Lockdown** due to covid-19 epidemic

Activity of Student Council & representation of students on academic & administrative bodies/committees:

- Mangaldeep Chakraborty, Swarna Prabha Jena, Subrat Kumar Pradhan, Debaraj Rana - Experimental Setup for Real-Time Colour Based Product Sorting Machine- Shodh Sarita- ISSN - 2348-2397.
- Abhishek Mishra, Harish Chandra Mohanta - Design of a Multidirectional Pattern UWB Antenna - Shodh Sarita – ISSN 2348-2397.

- Mahendra Sahoo, Harish Chandra Mohanta - Design of a Compact Dual-Band Fork-Shaped Monopole Antenna - Shodh Sanchar Bulletin- ISSN 2229-3620.
- Sushree Subhasmita Patasani, Harish Chandra Mohanta - Design of a Metamaterial Absorber - PalArch's Journal of Archaeology of Egypt / Egyptology - 1567-214X.

Meetings/activities organized by Alumni Association:

- A virtual alumni meet named as "Virtual Alumni Meet: Homecoming Event" as part of the Alumni Connect Initiative held on 30th December 2020 from 4:00-6:00pm.

Details of campus placement:

- Truptimayee Rath, Surabhi Priyadarshini Sahoo and Tapaswini Swain of M.Sc 2018-20 batch were placed in GRK Research Laboratories Pvt. Ltd., Hyderabad as trainee chemists
- Bikash Pradhan of M.Sc 2018-20 batch was placed in Torrent Pharmaceuticals Ltd. as executive trainee
- Muskan Maharana, Archisman Mishra and Rishikesh Mishra of M.Sc 2018-20 batch were got selected in Nobroker Technologies pvt. Ltd
- Sheetal Pradhan of M.Sc 2018-20 batch was placed in OMICS International Pvt Ltd.
- Five Students got placed in TCS (Preeti Chhanda Rout, Soumya Suravita Mahapatra, Supriya Nayak, Aashirbad Maharana, Lovely Sahoo) in the month of December 2020.
- Pranay Raj got an internship in Kalki AI through internsahala, December 2020.
- Ishiprasad Swamy got an internship in GRIP At the Sparks Foundation through internshala, December 2020.
- Two students (BHARGABA UPADHYAY, SURAJ KUMAR GUPTA) got placement in SearchingYard Software Pvt. Ltd, December 2020.
- Sagar Kumar Majhi of EEE final year got placed in EXTRAMARKS
- Darshika Samal of EE final year got placed in TCS.
- 21 students from MBA 3rd Semester have been selected for paid internships at Tata AIA and 2 students were selected for paid internships at Bank of Baroda.
- Lalit Dash (160301130034) is placed on GTPL on 10th December 2020.
- Lalit Dash (160301130034), Raj Kosta (160301130041), Subhajit Sarangi (160301130017) will be placed on Lincon Electric India On 9th December 2020.
- Athira B Nair (170301130004) is placed on Tata Consultancy Services on 31st December 2020.
- B.Sc and M.Sc were encouraged and guided to apply for various competitive exams.
- Both M.Sc and B.Sc Students registered and participated in various campus drives of different companies like cognizant, byjus, Axis Bank, Surya International etc.
- Two of the M.Sc Graduate Students got an offer to join Navodaya Vidyalaya as TGT's.
- Campus interview was organized for D.Pharm & B. Pharmacy students

Sl no	Name of organization or company	Got placed
1	Otsuka Pharma	3
2	Apollo Pharmacy	8
3	Amri Hospital	3

Leadership and Management

Professional development / administrative training programmes:

- The Department of Chemistry had organized a one day international virtual conference of recent advances on emerging materials on 23rd Dec.2020.

- Research centers work are going on according to requirement in different areas as mathematics department faculties were involved in CFD, HPC, QC, Trajectory optimization subareas.
- Faculties were attending their research center training program every day as per the schedule given by the Registrar.
- Er. Amalendu Mohanty had given a talk from 6 to 8 PM on 10 Research Areas in Transformer to Explore where all our faculties attended
- In future it was proposed to bring some external experts to provide new research prospective to students and faculties.
- DR. R. C. Mohanty, organized a four-day Workshop on **“Doing Passionate Research: Tricks and Skills”** held from 1-4 Dec 2020 conducted by Centurion University at its Bhubaneswar Campus, Odisha, India.
- Faculty members working in different Research centers are working from different perspective and developing the study materials for different certificate courses.
- Three online books published from our department involving different research centers.
- Dr. S. Behera nominated as a reviewer in Materials Today: Proceedings
- Dr. Tapan Dash reviewed three papers.
- Two Research Proposals were submitted by Dr. S. Behera: one to SERB (Power research grant) and another to RPS (AICTE).
- Prof. Debaraj Rana , has participated in One month Webinar Series on MATLAB Master Class, from 1st September – 30th September 2020 (Evening Sessions), organized by IETE Mumbai and Pantech Prolabs India Pvt. Ltd..
- Prof. Debaraj Rana, has participated in One month Webinar Series on Artificial Intelligence Master Class, from 5th October - 3rd November 2020 (Evening Sessions), Organized by Andhra Pradesh State Skill Development Corporation (APSSDC) and Pantech Prolabs India Pvt, Ltd.
- Prof. Debaraj Rana, has participated in 6 days Image Processing using MATLAB from 2nd November – 6th November 2020 (Evening Sessions), Organized by Andhra Pradesh State Skill Development Corporation (APSSDC) and Pantech Prolabs India Pvt, Ltd.
- Prof. Debaraj Rana, has participated in 15 days Webinar Series on Arduino Master from 13th November – 14th December 2020 (Evening Sessions), Organized by Pantech Prolabs India Pvt, Ltd.
- Prof. Debaraj Rana, has participated in 30 days Webinar Series on Master Class on MATLAB-SIMULINK from 23rd November -22nd December (Evening Sessions) , 2020, Organized by Andhra Pradesh State Skill Development Corporation (APSSDC) and Pantech Prolabs India Pvt, Ltd.
- Prof. Debaraj Rana has participated in AICTE sponsored Short Term Training Programme (STTP) Phase III on Machine Learning with Python in Data Science-Application and Research Perspective on 19th October to 24th October, 2020, organized by Department of Information Technology, SRM Institute of Science and Technology, Tamilnadu.
- Prof. Debaraj Rana has participated in AICTE sponsored Short Term Training Programme (STTP) Phase IV on Machine Learning with Python in Data Science-Application and Research Perspective on 5th November to 11th November, 2020, organized by Department of Information Technology, SRM Institute of Science and Technology, Tamilnadu.
- Debaraj Rana, has participated in Webinar on Digital Twin: Technology for post COVID-19 on 28th November 2020, organized by Bharati Vidyapeeth’s Institute of Computer Application and management, (BVICAM), New Delhi.

- Debaraj Rana, has participated in Webinar on AI in Everyday Life on 4th December 2020, organized by Bharati Vidyapeeth's Institute of Computer Application and management, (BVICAM), New Delhi.
- All faculty members of the department were attending online FDPs and Webinars and also involved in research center works.
- Department of Microbiology, SoPAHS had organized one day Training program on topic "Implementation of Bioinformatics tools and techniques in Biological sciences, Teaching and Research" on 29th November 2020
- The Guest speaker is Dr. Santosh Kumar Behera, Scientist NIPER, Ahmadabad, Gujarat.
- Graduate and Postgraduate students, PhD Scholars, Faculties from Life sciences, Biotechnology, Bioinformatics and all the faculty members from SoPAHS attended the program.

Values and Best Practices

Strategic Plan:

- To increase the number of research publications and book chapters in upcoming days.
- To give training to all faculty members in different areas as required by respective research centers.
- Student Mentoring is a regular practice in order to provide a solid platform of learning to the metees through parent and teacher collaboration.
- Each Faculty was asked to give 2 to 3 Research papers for the UGC-CARE Journal in the month of December.
- Each research center was asked to publish at least 1 book. So a total no. of 26 books were published.
- Collaboration is going to happen between Centurion University and Deakin Business School, Australia for which the School of Management has got the opportunity to design the undergraduate programs of Deakin Business School. The programs are B.CoM and BBA-Business Analytics. Dr Pramod Patjoshi is coordinating for the development of the courses of B.CoM program and Dr Bibhunandini Das is coordinating for the development of the courses of BBA-Business Analytics program. Regular meetings are held regarding this and the courses to be developed are divided among the faculty members and are under progress.
- To increase the number of research publications in SCI/Scopus indexed journals.
- To develop expertise in Dassault tools like Materials studio.
- To develop some new materials in composites for E bikes.
- Planning to organize international conferences.
- To train all students for various national competitive examinations.

Community engagement: Not done in COVID period.

Consultancy: Dr Rukmini Mishra has virtually defended her DBT project entitled "Eco Typing, chemotyping and genotyping of *Embelia ribes* Brum F. for authentic identification, selection and conservation of elites which was shortlisted by Joint DBT-AYUSH Expert Committee. It is under consideration. There was a meeting at the departmental level to apply for more projects to different funding agencies. All the commitment of the meeting will be taken care of and will be submitted in the next meeting.

GPR Survey of Lingaraj Temple completed an amount of RS. 50,000/- .