



Centurion
UNIVERSITY

Centurion University of Technology and Management
Bhubaneswar Campus
IQAC Minutes of Meeting (April – June 2021)

Date : 4th July 2021

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 IQAC)
4. Mrs. Bhagyeeswari Behera (IQAC Coordinator, Botany Dept.)
5. Mr. Chittaranjan Routray (IQAC Coordinator, Chemistry Dept.)
6. Dr. Subrat Pradhan (IQAC Coordinator, ECE)
7. Dr. Nibedita Nayak (IQAC Coordinator, Physics)
8. Dr. Yashaswi Nayak (Dean and NAAC Coordinator)
9. Prof. Rama Prasanna Dalai (IQAC Coordinator, EEE)
10. Prof. Debashree Debeta Behera (IQAC Coordinator, Mechanical)
11. Ms. Shruti Rajwar (NAAC Coordinator SoFS)
12. Dr. Sabyasachi Dey (IQAC Coordinator, SoM)
13. Dr. Ambika Sankar Mishra (IQAC Coordinator, SoMC)
14. Mr. Himansu Bhusan Samal (IQAC Coordinator, SoPLS)
15. Mr. Kulabhusan Pradhan (IQAC Coordinator, SoVET)
16. Mrs. Swarnalata Jena (IQAC Coordinator, Mathematics)
17. Ms. Shreela Dash (IQAC Coordinator, CSE)
18. Dr. Saine Sikta Dash (IQAC Coordinator, Civil)
19. Mr. Jitendra Gupta (IQAC Coordinator, SoPAHS)

Agenda & Plan of Actions to be taken

- Hard copy of the files for NAAC criteria has been compiled.
- New equipment and chemicals were procured for the new laboratory Genetics and Genomics.
- All students were intimated regarding the new course structure and for subject registration
- Mentors guided the students in subject registration as well as feedback
- Feedback from students, parents, academicians, industry personnel and our internal faculty members were taken by HoD and sent to the Dean Office to put forward in the Pre BoS meeting.
- NAAC files were updated as per the data available.
- Focus is more concerned on research and publications in reputed indexed journals.
- New Syllabus for domain /skill subjects of B.Sc and M.Sc was developed and awaiting for BoS approval
- Due to covid -19 spreading crisis it was decided to start online class through courseware.
- Students with less than 75% attendance can't appear for EOD examinations because of the backlogs.
- Syllabus of even semester is almost over and faculty members are advised to finish the attendance updation and mark entry for final year students of every program.
- Syllabus of even semesters is almost over or going to be over and faculty members are advised to finish the attendance updating and mark entry for final year students of every program.
- Due to covid -19 situation it was decided to start online classes through courseware.
- New Syllabus for domain /skill subjects for B.Sc and M.Sc was developed and awaiting BoS approval.
- Organized a national e-conference on "Recent Advances in Applied Physics" on 8th April.
- Proposed to introduce a new M.Sc Programme in Nano materials.
- Mapping and identifying various files as per new criteria at the department level
- Articles and book chapter publication
- 2nd internal assessment of even semester of B.Sc. 2nd and M.Sc. 2nd semester was completed.
- B.Sc. and M.Sc. 1st year student admissions are under progress.
- Five numbers of webinars were organized in the department.
- Faculties were asked to prepare Question banks for the different job roles related to their research centers.
- Each faculty will target to publish three articles between Jan to July 2021. PG students and Research Scholars can be asked for publications. Each Research Centre to target filling at least one patent by June 2021.
- As per the suggestion of President Sir Universal Action plan for all the Labs are prepared and all the experiments were planned to be aligned w.r.t. the NSQF level.
- Students, Alumni, Industry expert/employer, academic experts Feedback related to the departmental subjects were collected and the subsequent changes were incorporated in the syllabus.
- Seed money proposals were prepared and presented before the Expert committee to facilitate research activity.
- Mentoring reports need to be updated on a monthly basis.
- Faculties were asked to attend ATAL online FDP to enhance their SKILL competency.
- Each research centre was asked to conduct online FDPs to gain knowledge on various subjects.
- Preparation was started to arrange an AICTE National Conference in the month of AUGUST.
- All Faculty In-charge of Lab to ensure that all equipment is in functional condition. Displays (Equipment details, Learning Objectives and Outcomes with a link to NSQF levels, Lab experiments list, safety rule, Do's and Don'ts etc.) are hung on the wall.
- All faculties are advised to complete the mark entry process as said by the exam cell.
- Lab assistants are instructed to check whether all machines are in working condition or not. If not, it must be ready within a week.
- Each faculty are advised to check the CBCS sheet of students and to publish at least 2 no research papers, to attend at least two FDP conducted by AICTE.
- All domain coordinators are required to prepare PPT and to give internal domain presentations to both students and senior team.

- External evaluation sheets are provided by the exam cell. All need to carry out the evaluation process and give in time.
- Students are working on their project and started writing review articles.

Admission related

- Dr. Kalpita Bhatta was given the charge of admission co-coordinator. Admission for the 2021 to 2023 batch has not started.
- Due to covid-19 outbreak the intermediate as well as B.Sc examinations of most of the universities have not completed. So the University authorities advised us to take proper measures to avoid physical contamination during admission. if possible maximum work should be done online.
- The Department and Admission team has decided to boost the numbers in the current academic session.
- Faculty members are advised to help the admission team brand building of the department and in admission.
- Different strategies were planned to improve this year's student's admission like advertisement of Project, Product, Patent, Training & Placements department wise.
- Admission for the current academic session i.e., from 2021-2022 is under progress and the admission activities for School of Management is being conducted by Mr. G.K. Panda and Ms. Nita Patwari. Currently 18 students have booked for MBA program, 7 students have booked for MBA (Pharma Management) program, 36 students have booked for BBA program and 2 students have booked for B. CoM program (Source: Admission cell).
- For the ongoing pandemic situation admission of the new upcoming batches were delayed.
- The University authorities advised to take proper measures to avoid physical contact during admission. It was advised to pursue maximum work through online. Admission coordinator of the department is working on the same.
- Two new **Post-graduate programmes** in the Department of Pharmacy (M.Pharm in Pharmaceutics with 15 intake and M.Pharm in Industrial Pharmacy with 3 intake have been finally approved by the Pharmacy Council of India (PCI).
- Admission of new students is 20 numbers per faculty.
- SOVET faculty Mr. Jamalluddin Khan and Mr. Radhagobinda Pradhan visited Sambalpur, Odisha for 8days for admission purposes.

Teaching and Learning

Assessment

- 2nd internal semester assessment of both M.Sc. and B.Sc. 2nd semester students were completed in the month of June 2021.
- End- term external practices examination will be completed in the first week of July 2021 for both M.Sc. and B.Sc. 2nd Semester students.
- Faculty assigned with domain and skill courses have presented their teaching methodology before the Dean and ready with the lesson plan and have uploaded the learning materials in courseware.
- Syllabus revision was done by faculty members and sent to the Dean Office for approval in BoS meeting.
- Pre BoS and BoS Meeting was conducted as per the norm of the University
- The academic calendar has been published and classes will start shortly in July.
- End Semester as well as EOD examination time table has been released from examination cell and students are preparing themselves for it.
- End Semester and EOD examination time table has been published from the examination cell.
- 2nd internal examination and evaluation (online presentation mode) was completed for the current batches.
- Even semester results were out. Results analysis and review was done in the department meeting.
- 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.
- Time table for the even semester (existing batch) is already circulated among faculty members.

- Lesson plan presentation was conducted in front of SoAS Mentor and Director (Dr D. Bhattacharyay sir) for BSc 5th sem.
- First Internal examination score sheet was shared to all students by the QA cell.
- Result analysis for the different odd semester subjects was prepared and different action plans were formulated to reduce the number of backlogs.
- Thesis Evaluation was carried out for 4th Semester M.Tech. Students.
- Students M.Sc. Forensic Science and B.Sc. Forensic Science (Sem 1) appeared for End Semester Examination (Offline Mode) from 5/4/2021 to 8/4/2021.
- Students were accessed for internal I examination in online mode through icalibrator.
- Internal Practical Examinations were held for second semester students in online mode.
- End semester Project Viva-voce was also completed for final semester M.Sc. students through online mode.
- New skill course was designed and was placed for BOS approval.

Student Performance:

- Result analysis for both B.Sc. and M.Sc. programme was done for 1st semester of 2020-22 and 2020-23 batch.
- Only a few students in M.Sc. were identified as slow learners and need extra attention for academic performance. Remedial classes and doubt clear classes were conducted for their improvement.
- B.Sc and M.Sc students performed well. The pass percentile of BSc 4th sem, B.Sc. 6th sem and M.Sc 2nd sem students were 100 %.
- All the odd semester online examination results were published and our departmental students had performed fairly well as compared to offline exams.
- All the final year students have completed domain projects and internships in Automobile and CNC domain.
- Students were at an upsurge in the number of covid cases due to which again the classes have to be restored to online mode. During the offline classes' period only, the students completed most of the project work assigned to them as a lockdown was anticipated. Result analysis of the students' performance has been done and the required files are uploaded in the drive.
- End semester examinations of B.Pharm 4th, 5th, 6th, and 8th semester student's theory and practical results have been released and students have performed well.

Students Activity:

- Students participated in each flip class and all CSR activities in online mode.
- M.Sc. 4th semester students submitted their project thesis and are preparing for their last semester.
- Students participated in quiz competition on the occasion of World Environment Day-2021. The event is scheduled on 5th June, 2021 5pm to 5:10pm online.
- Rajkishor Patra (M.Sc, 2017-2019) has qualified CSIR-NET (AIR-56) and GATE (AIR-4038).
- Kanaklata Meher (M.Sc, 2018-2020) has qualified GATE (AIR-2930).
- One student of M.Sc mathematics SP Pujarani Biswal got the award of Smart Manager.
- Snigdha Sudha Mishra, a student of M.Sc Mathematics has been awarded for a solo dance competition during International Women's day.
- Students participated in annual function Gajajyoti and the annual sports event for the academic session 2020-21.
- Science Club ILLUMINATI conducted 4 competitions for Gajajyoti 2021 (the Annual Scientific- Techno-Management - Cultural Festival of CUTM Bhubaneswar campus).
- The events/competitions and their timings were:
- Content Writing (500 Words Essay in English on a Scientific topic)
- Science Quiz (covering Physical, Biological, Engineering and IT related topics)
- Poster Making (Drawing/ Making Posters on a Scientific Theme and submitting)

- SciTech-PPT (Technical Presentation on topics under a scientific theme)
- All the 4 events were organized in online mode on 20th June 2021.
- In order to promote the co-curricular activities of the students CUTM, BBSR has successfully organized the annual function named Gajajyoti and the annual sports event for the academic session 2020-21. The students from the department of Zoology actively participated in the CSR activities. The following events have been conducted and the following students actively participated in different events.
- Out of the total participants the following students became winners both in the annual function named Gajajyoti and the annual sports event.
- In Gajajyoti Annual Function the activities were conducted in online mode and they are Solo Song, Creative writing, Debate, Smart Thinker Challenge, Poster Making, Science and Technology PPT, Treasure Hunt and the winners in this following events were Ronika Ragini Mishra - 2nd, Ved Prakash Prusty - 2nd, Smruti Subhadarshinee - 3rd, Amit Pani - 2nd, Subhashree Samal - 2nd, Sourav Rout - 2nd, Iti Pragyam Singh - 2nd, Tanvi Beura - 2nd, Ankita Priyadarshani - 3rd, Kajal Das - 1st, Sinarva Das - 1st, Amit Kumar Sahu - 1st, Subhakanta Nayak - 1st respectively.
- The following sports events were conducted towards annual sports for fresher's 100 mtr Race, Putting the shot, Broad Jump, Chess, Basketball, Tug of War, Throwball and the winner in this following sports events were Sikha Rani Sahu - 2nd, Priyanka Mohapatra - 3rd, Priyanka Mohapatra - 1st, Swagatika Bhol - 2nd, Sikha Rani Sahu - 2nd, Shivshankar Dwibedi - 1st (Men), Barnali Panda - 2nd (Women), Itipragyan Singh - 1st, Tadasha Pattnayak - 1st, Swagatika Bhol - 1st, Homaprava Sahoo - 1st, Geetisudha Sahu - 2nd, Khusboo Pradhan - 2nd, Amalendu Samantaray - 1st, Amitesh Behera - 1st, Amit kumar sahu - 1st, Lizayananda sahu - 1st, Abhijeet Pattjoshi - 1st, Narayan Mohanta - 1st, Sourav Kumar Rout - 1st, Ved Prakash Prusty - 1st, Narasingh Nayak - 1st, Geetisudha Sahu - 1st, Homaprava Sahoo - 1st, Tadasha Pattnayak - 1st, Sikha Rani Sahu - 2nd, Smruti Subhadarsinee - 2nd, Priyanka Mohapatra - 2nd, Manisha Tripathy - 2nd, Itipragyan Singh - 1st, Swagatika Bhol - 1st, Khusboo Pradhan - 1st respectively.
- Different Students activities were organized on behalf of "UTKAL DIWAS".
- All the domain projects were evaluated and students were encouraged to publish paper regarding their project.
- Mentors/proctors were asked to keep a record of student's academic activities and to help them in their academic problems.
- Faculty members are told to guide the students who are appearing for EOD.
- Students participated actively towards training and placement and some students also emerged with more than one offer out of which they picked the organization of their choice and joined. In order to promote the co-curricular activities of the students CUTM, BBSR has successfully organized the annual function named Gajajyoti and the annual sports event for the academic session 2020-21. The students from the School of Management actively participated in the Management events of Gajajyoti. School of Management also created two committees: -Alumni committee as well as the Placement committee as a part of the future strategic plan of School of Management. In both the committee there are student coordinators as well along with the faculty coordinators.
- Many of the students have submitted their projects and assignments. Those who have not were given time to submit their projects before the deadline.
- 2nd internal assessment of B.Pharm 4th, 6th, 8th semester students has completed PowerPoint presentations through online mode.
- End semester practical examination of 4th, 6th, 8th semester students was conducted through online mode.
- End semester examination of B.Pharm 4th, 5th, 6th, and 8th semester students was conducted through online mode.
- End semester **Project Viva-voce** have also completed for final year B.Pharm 8th semester students through online mode and results also have been released.
- D.Pharm 2nd students have completed their annual examination through online mode.

Students Welfare

- World Environment Day was celebrated by the Department of Botany, SoAS, CUTM on 5th June 2021. Faculty members, Research Scholars, invited guests and students joined through online mode to celebrate the event. The inauguration of the event occurred at 10.00 a.m. Invited Guest includes Dr. Sanjeeva Nayaka (Chief Speaker) Principal Scientist, NBRI, Lucknow.
- Every mentor helped students regarding various academic issues faced by contacting through mail or phone to concerned authorities.
- Faculty members asked to conduct the external practice for those students who applied for EoD after getting notice from the examination cell.
- Results of B.Sc and M.Sc final year have been published so that students can plan and focus on their future options.
- Keeping in view of the student's health, University has also announced to conduct the end semester examination through online mode.
- All mentors are advised to help students regarding various academic issues.
- External practice for EOD students has been planned accordingly.
- Soft copy of all core and skill courses as per the syllabus were uploaded in the courseware app. 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.
- Flip classes were conducted for every subject and the 2nd internal exam was in presentation mode.
- JAM classes were started for B.Sc. students.
- Counselling sessions were consistently conducted by faculty members for students to ensure their developments. In special cases individual counselling sessions were also organized to motivate students towards their studies.
- Counselling of students was done to clear all their backlogs and to opt for EODs
- Students were 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.
- Students were encouraged to work for C-Studios YouTube channel of the department to prepare daily bulletins.
- A departmental webinar on Orientation in Fish was organized on 10th May, 2021 at 7pm. Dr. Narayan Chandra Biswal gave his talk on "Orientation in Fish". All the students of M.Sc. (Zoology) first year participated in the webinar. All the faculties of Department of Zoology also joined the webinar. The session was initiated by Dr. Yashaswi Nayak, the Head of the Department, Department of Zoology.
- A webinar on Biology of birds was conducted by the department of Zoology, School of Applied Science, CUTM, Odisha at Bhubaneswar campus on 14/06/2021. The webinar created an opportunity and scope for the post graduate students, faculty members and research scholars to refine and enrich their learning and aptitude by the useful information provided by the speaker. The objective of this webinar was to provide the fundamental research understanding to the students and the faculties. The Resource person Prof. Dr. Shiba Prasad Parida, Associate professor, Department of Zoology, School of Applied Science, CUTM, BBSR The resource person analysed and discussed the following topics with the participants - Natural Selection, Sexual Selection, Avian Flight, Avian Migration, Bird Song(Sound Waves), Mating System, Nest Building campus.
- This process was completely hampered because of Global Pandemic of COVID 19
- From April 12th onwards students were asked to attend the online classes as well as to vacate the University hostels since there was a significant increase in the Covid-19 cases due to the second wave.
- Counselling on higher education was done for the undergraduate students, those who wanted to do their post-graduation, those who were interested in going for placement were counselled accordingly. Both MBA and BBA final year students were advised to work hard on their placement preparedness and appearing and taking part in all the training and development initiatives conducted by the Career Development Team.

Student Training:

- Article writing and basic technique for bioinformatics were also learnt for M.Sc. students.
- B.Sc. final year students were trained for JAM by our faculty members from 31.05.2021
- IAS Gurukul Odisha has been continuing with coaching programmes for various competitive exams such as SSC/Railway/Banking/OSSC/OSSSC/Central Govt/ State Government/UGC-NET-JRF / CAT / All Public Sector Undertakings / IAS / OAS etc in CENTURION UNIVERSITY IN ONLINE MODE since APRIL 22, 2021 being inaugurated by Vice Chancellor in presence of Registrar, Deans, Directors, HoDs & faculty etc. Now regular online classes are being conducted for quantitative aptitude, reasoning, English language & general knowledge etc with national trainers through zoom meeting app user id 5028101937, pass code: 123456 on Mon, Tue, Wed & Fri 3.50pm – 4.50pm.
- For every 40 students there is a mentor assigned. Mentors regularly interacted with parents and informed about academic updates and personal problems of mentees in this Covid Pandemic Situation.
- All the mentors were also advised to interact with parents as well as students regarding current semester teaching and learning updates in online mode.
- Different student development programs were arranged to enhance the Skill expertise among the students.
- All the mentors were also advised to interact with parents as well as students regarding current semester teaching and learning updates.
- Result analysis of the students' performance in the previous even semester examination was done for MBA 4th, BBA 4th, BBA 6th semester batches and odd semester examination result analysis was done for MBA and BBA 1st semester students. Result analysis of the students' performance has been done and the required files are uploaded in the drive.
- Students were encouraged to join FDPs and they were encouraged to join google fact check workshops.
- One month Hospital training and Industrial internship programmes have also been carried out at various Hospitals and Industries by the students.

Job Preparedness

- Previous year regular question answer discussion was done by each faculty for their concern subject. Extra doubt clear classes were carried out for NET and GATE aspirants.
- Mr. Srimay Pradhan and Mrs. Bhagyeeswari Behera were taking IIT JAM coaching classes for the subject Biotechnology.
- TPCODL Placement Training was conducted department wise to make the students ready for TPCODL recruitment drive.
- Technical classes were conducted for the final year student in online mode.
- The pre-placement and career counselling was performed and the main objective of pre-placement was on the student interest and the department they are willing to work for by collecting their reviews through Pre-placement form distribution and their guardian consent. The special career counselling and pre placement has completed and several points are emphasized such as Personality Development, Soft skills, Group Discussion etc.
- Career counselling and pre-placement program/industrial workshops were conducted for Final year B. Pharm students for recruitment to various departments of pharmacy like production, quality control, pharmacovigilance, clinical research, research and development etc.

Student Mentoring

- In this quarter mentoring classes were carried out in online mode due to the second wave of COVID 19.
- Mentors are frequently interacting with students and parents and informing about students' attendance on classes and issues. Academic updates and personal problems of mentees are being followed strictly.
- Mentoring is done by faculty members for B.Sc and M.Sc students as follows. The monthly report is submitted to HoD and accordingly the requirements of students are taken care of.
- Training is given by external agencies like IAS Gurukul.
- Mentors were constantly in touch with their mentees to make them aware about the online class, internal exam, project evaluation, semester exam, Payment process

- Mentors were asked to conduct exit interviews for the final year students to share their experience about the university.
- All the mentors were advised to take feedback and their experience regarding the domain curriculum of the final year student.
- All the mentors were advised to take feedback Regarding Online Class Issues, Subject Registration Issues and course fee.
- Mentors are advised to communicate with parents of students who have less attendance.
- Student mentoring was carried out by all the faculty members of the SoMC with their respective mentees.

Student satisfaction Survey

- All the mentors are advised to interact with parents as well as students regarding current semester teaching and learning updates.
- Mentoring report of every month is maintained by mentors and send to HoD as well as IQAC Coordinator
- Online feedback is taken from Students through ERP.
- A survey was conducted regarding the faculty feedback on the subjects taught for the different faculties in online mode.
- Students were instructed to fill up the feedback form online regarding the syllabus and online semester examination.

Faculty and Staff Welfare

- Dr. Gyanranjan Mahalik reviewed the article entitled “Biogenic ZnO NPs based intracanal medicament against *Enterococcus faecalis*” by Web of Science Journal i.e Uttar Pradesh Journal of Zoology.
- Dr. Kalpita Bhatta has participated in the online workshop on “DNA Barcoding: A challenge to Linnaneus Classification ” on 29th and 30th May, 2021.
- All the faculty and staff members were notified to stay at home due to covid epidemic and will continue their work from home through online and will regularly filled up the time sheet and will back to campus on further notice.
- Management encouraged faculty and staff members to avail the vaccination facilities provided by the state govt.as soon as possible before reopening of campus.
- HoD gives suggestions to faculty members to improve their performance based on the feedback by students.
- Established Covid emergency fund through which financial support was given to our COVID affected employees.
- Planned for free Vaccination to all employees.
- All the faculty and staff members were notified to come to campus as per department of higher education guideline and if anybody develops any type of cold/fever/snitch then he/she can work from after taking permission from HoD/Dean/VC.
- Faculties were asked to join the campus. During the campus different safety measures were taken up by the University in order to prevent the spread of COVID 19.
- Incentives of 10000 were given to faculties publishing 3 research papers in between Jan-July 2021.
- 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 the Dean.

Awards Received:

- It was a proud moment for the Department of Zoology as their 1st patent was approved and granted by the Australian Govt. The patent was filed in the name of Dr. Yashaswi Nayak and Mrs. Sunita Satapathy. The title of the patent is “Soil fertility in Vermicomposting prediction utilizing WCA based deep CNN- model for agriculture domain.

- Ph.D. awarded on 21st May, 2021 from BITS Pilani K K Birla Goa Campus, Goa. The Ph.D. thesis title was “**Relating RNA and Protein structure variation with pathogenicity and screening for small molecules with pan serotype activity in Dengue virus: A Bioinformatics study**” in the field of Bioinformatics, Drug discovery and Virology.
- Amit Kumar Sahoo successfully defended his Ph.D. Thesis and was awarded with a doctorate degree.
- Dr. Ambika Sankar Co-chaired a session in the International Conference on Media, Communication & Design organized by Jagran lake city university, Bhopal on 26th June 2021.

Resource acquisition

Faculty requirement and development:

- Dr. Suhas Sutar joined as Assistant Professor in the department of Botany on 10th May 2021.
- All faculty members were advised to attend online FDPs /Seminars and Webinars.
- The following FDPs were attended by our dept. faculty members, organised by CUTM.
 - * FDP on Catia,
 - * FDP on Google Workspace for Education, Classroom engagement tools and Design Thinking,
 - * FDP on Python
 - * FDP on Video Editing
 - * FDP on Adobe Photoshop
 - * FDP on Biovia Material Studio etc

IT resource:

- Courseware of core subjects has been installed and every faculty member are directed to upload their study materials for online teaching.

Lab/ workshops development (equipment & others):

- Maintenance of all equipment had been done.
- Some research activity initiated by both faculties and M.Tech scholars in Thermal and EDM lab and in 3D printing machines.
- PhD students from ISM Dhanbad, NISER KIIT, ITER, BPUT Rourkela in Advanced Testing Laboratory, Domain students have done projects in CNC lab.

Physical Facilities:

- Keeping in view the second wave of COVID 19 classes were done on online mode for this quarter.

Facility for e-content:

- Faculty members prepared E-content of domain and skill courses which were collected centrally by the university and uploaded in the website for ready reference of the students.
- Faculty members prepared E-content of their respective core and skill subjects.
- 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
- Different certificate course & SKILL course was designed and developed by different faculties

Support and Progression

CSR Activity:

- Students have participated in various events on the occasion of World Environment Day on 5th June 2021.
- Event: Quiz – (Theme for World Environment Day -2021 -"Ecosystem Restoration). Ananya Mishra won the 1st prize.
- Event: Slogan- Green Glow: “The more you grow the trees,the more you glow the earth.” Megha Nanda won 1st prize.
- Little hope “The more u nurture, the more nature. The life of the woods teaches you better than books.”

- Event: Poster making competition: Winner Sarita Sahoo, Lopita Mohanty, Debasmita Das, Sradhanjali Patel M.Sc. 1st semester.
- Event: Powerpoint presentation; Winner Ankita Chaudhary, Sushree Medha M.Sc. (Bot) 1st year.
- Students participated in quiz competition on the occasion of World Environment Day-2021. The event is scheduled on 5th June, 2021 5pm to 5:10pm online.
- All final students get their CSR Booklet from Dr. Dojalisa Sahu, CSR coordinator for School of Applied Sciences by 16th April 2021.
- Students participated in quiz competition on the occasion of World Environment Day-2021. The event is scheduled on 5th June, 2021 5pm to 5:10pm online.
- Students took part in Sports activities like Shot Put, Discus throw, Kabaddi and Basketball.
- Students of MBA first year Prasanna Kumar Pradhan, Sunanda Priyadarshini and Ritiq Patnaik join the Centurion covid-19 helpline team to provide 24*7 support to the needy related to disease. The team shall also provide information support service (as per WHO & Govt. guidelines) to the patient and family members about hospital, bed, medicine, oxygen, food and post COVID precautions.

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

- Sunanya Das and Debasmita Das Centurion University of Technology & Management, Jatni, Odisha has successfully completed the 5 Days Online Workshop on "Scientific Communication & Reporting" organized by Heredity Life Sciences (in association with STM Journals & Journals Pub) from 7th June 2021 - 11th June 2021 and won the first prize for PPT presentation.

Students benefited by guidance for competitive examinations and career counselling:

- Renuka Sahu cleared NET life 2020 and GATE exam 2021.
- Students are preparing for NET and other competitive examinations.

Leadership and Management

Professional development / administrative training programmes:

- Dr. Sagarika Parida has attended online FDP on "Art of writing and Research proposal" organized by Center for medical diagnostics (CUTM) June 2021.
- Dr. Sagarika Parida attended 12 days FDP on "Accelerating Clean, Green and Sustainable Innovation In India" organized by the Department of Electrical Engineering and Department of Instrumentation Engineering of Dr. D. Y. Patil Institute of Technology, Pimpri, Pune in collaboration with ASSOCHAM GEM Green Building Council in May 2021.
- Dr. Gyanranjan Mahalik has attended online FDP on "Art of writing and Research proposal" organized by Center for medical diagnostics (CUTM) June 2021.
- Dr. Gyanranjan Mahalik attended 12 days FDP on "Accelerating Clean, Green and Sustainable Innovation In India" organized by the Department of Electrical Engineering and Department of Instrumentation Engineering of Dr. D. Y. Patil Institute of Technology, Pimpri, Pune in collaboration with ASSOCHAM GEM Green Building Council in May 2021.
- Mrs Bhagyeeswari Behera participated in JMP genomic workshop on 24th June 2021.
- Mr Srimay pradhan participated in JMP genomic workshop on 24th June 2021.
- All faculty attended FDP on materials studio 24th May to 14th June 2021.
- All faculty members attended the webinar on "Scope of Biogas Technology: Design and Development" held on 27-04-2021 organized by centre for waste to wealth CUTM, Odisha.
- All faculty members attended the webinar on Nature inspired Extreme Wettability Surfaces for Oil-Water Separation" on 4th June 2021 organized by chemistry department, cutm, BBSR campus.
- All faculty members attended the webinar on Innovative Approaches Towards Plastic Waste Management" on 17th June 2021 centre for waste to wealth CUTM, Odisha.
- All faculty members attended the webinar on Workshop on Extraction and Purification Methods Different Extraction and Purification Methods ", the R&A Centre for Phytopharma on 17/ 6/ 2021 and 18/6/2021.

- Webinar on PhD: Journey or Destination was attended by Dr. Bidyut Kumar Kundu held at Centurion University of Technology & Management, Odisha, India on 15th May 2021.
- Dr. Atia Arzoo and Dr. Bidyut Kumar Kundu attended the webinar on mushroom farming: an aid to farm economics organized by centre for agricultural production, CUTM Odisha in collaboration with APICOL, Odisha on 18th May 2021.
- All faculty members attended the webinar on Patents, Copyrights and Design Applications on 12th June 2021 held at Centurion University of Technology & Management, Odisha, India.
- Dr. Bidyut Kumar Kundu participated in XRD for Research and Orthogonal Data Analysis Workshop on 6 - 7 July 2021 conducted by Malvern Panalytical & IIT Jammu.
- Dr. Bidyut Kumar Kundu from Centurion University of Technology and Management, Bhubaneswar has participated in the Webinar on “Sustainable Development and Clean Energy” organised by Zenith School of Management and Department of Mechanical Engineering, Centurion University of Technology and Management, Bhubaneswar, Odisha on 19th 2021.
- Dr. Atia Arzoo of Centurion University of Technology and Management, Odisha has actively participated in Faculty Development Programme on “Green Technology for Enhancing Livelihoods”, organized by Center for Smart Infrastructure in association with Center for Renewable Energy & Environment (CREE) and Department of Electronics & Communication Engineering, held at Centurion University of Technology and Management, Bhubaneswar Campus, Odisha, India from 31st May to 4th June 2021.
- Dr. Atia Arzoo has participated in webinar on smart farming and IoT Intervention organized by centre for smart agriculture, Centurion University of Technology and Management, Odisha on 18th June 2021.
- Dr. Bidyut Kumar Kundu has participated in Webinar on “Microbial Pesticides - A Way towards Crops and Environmental Protection” organized by Centre for Agriculture Production and Department of Plant Pathology, M. S. Swaminathan School of Agriculture, Centurion University of Technology and Management, Odisha, India on 06th June , 2021.
- Dr. Pratap Chhotaray has participated in Ahmedabad Learning Dialogues - A Conference on Teaching and Learning on May 14-15, 2021 organized by Ahmedabad University, Gujrat, India.
- Dr. Dojalisa Sahu attended webinar on X-Ray Physics: Application of X-ray fluorescence for material analysis, scheduled for Thursday, May 27, 2021 Organized by LD DIDACTIC, London.
- Dr. Dojalisa Sahu Attended International Virtual Workshop Under Indo-French SPARC Scheme of Ministry of Education Recent Advances & Applications of Conducting Polymer Nanostructures & Nanocomposites By IIT Mandi on 19th June 2021.
- Atia Arzoo , Dojalisa Sahu, Ashish Kumar Sahoo and Srikanta Sahu had attended the Elsevier Author Workshop: Fundamentals of Research Article Writing at School of Engineering and Technology, Centurion University, on Friday 04 June, 2021 Presented by Vishal Gupta Sr. Customer Consultant, Elsevier.
- All faculty members attended the 3. Attended GTM webinar by Dr. D.N.Rao on 13th June 2021.
- Chittaranjan Routray, Bidyut Kumar Kundu and Dojalisa Sahu of Centurion University of Technology and Management have participated in the Webinar on “Atomistic Modelling and Simulation of Materials” organized by Dept. of Metallurgical and Materials Engineering, IIT Kharagpur on 30th and 31st May, 2021.
- Chittaranjan Routray, Shrabhan Kumar Sahoo and Suchismita Acharya attend the Webinar on “Improving research & performance outcomes using the ScienceDirect Platform at 30 June 2021.
- Dr. Dojalisa Sahu attended Webinar on “Sustainable Development and Clean Energy” organised by Zenith School of Management and Department of Mechanical Engineering, Centurion University of Technology and Management, Bhubaneswar, Odisha on 19th May 2021.
- Dr. Dojalisa Sahu from Centurion University of Technology and management , Odisha has participated in the One-Week Online Faculty Development Program on “Nano materials-Technologies for Energy & Sensor Applications”, (7th to 11th, June 2021) organized by Chemistry Division, Department of Basic Sciences & Humanities, GMR Institute of Technology, Rajam, Andhra Pradesh, India.
- Dr. S. Behera delivered a talk on **Polymer ceramic composite for energy storage applications** to all SoAS faculty.

- Dr.S.Behera was nominated as a reviewer in the Materials Letters journal.
- Dr. P.Patnaik was the resource person for the FDP on Biovia Material Studio.
- Dr.T.Dash was nominated as a reviewer **in SCI Journals** -Alexandria Engineering Journal and Measurement.
- Dr. Yashaswi Nayak participated in 21 days National Training course (NTC 2021) on “Recent Advances in Fisheries and Aquaculture Technology for Rural Development” organized by West Bengal University of Animal and Fishery Science Kolkata along with National Agriculture Cooperative Development Srinagar. The 21 days training programme started on 18th May 2021 and continued till 9th June 2021.
- Department has organized a webinar where Dr. Vishram Neelakantha Bapat and Mr. Dillip Kumar Mohanty delivered a talk on World Environment Day issues and challenges.
- Electrical Department had successfully conducted the webinar on "Energy Efficiency and Demand Side Management “on 29th of May, 2021. In the webinar, more than 70 faculty and students from different streams were present.
- Zenith School of Management and Department of Mechanical Engineering, Centurion University of Technology and Management had organized a Webinar on the topic "**Sustainable Development and Clean Energy**". 80 participants had attended.
- One Week Faculty Development Program on “**Suitable journal selection and journal metrics**” 3rd to 10th June 2021
- Prof. Debashree Debadatta Behera attended ATAL FDP on "Green Technology and Sustainability Management" from 2021-7-1 to 2021-7-5 at Engineering College Bikaner.
- Prof. Debashree Debadatta Behera attended ATAL FDP on "Modern Innovations and Development in Renewable Energy Technology" from 2021-7-12 to 2021-7-16 at University of Lucknow.
- Santanu kumar sutar, Research Assistant participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Functional Materials for Energy Environment and Healthcare" from 2021-6-21 to 2021-6-25 at NIT Calicut.
- Prof. Debashree Debadatta Behera attended "Green Energy Development: Supporting Technologies and Environmental Aspects” organized by REVA University IEEE PES Student Branch Chapter in association with IEEE PES Bangalore Chapter on One Week Online Workshop (19th April -23rd April 2021)
- Prof. Debashree Debadatta Behera attended FDP on Green Technology for Enhancing Livelihoods from 31st may to 5th june
- Prof. Debashree Debadatta Behera attended webinar on Linking Forests and Kitchens: Sustainable energy and Climate Change on 5th june
- All the faculties have attended In-house on line FDP on 3DS Software , Patents, Copyrights and Design Applications ,CFD conducted by University
- Dr. Ambika Sankar Mishra, Dr. Mohammed Amir Pasha and Dr. Chinu Bohidar presented papers in the International Conference on Media, Communication & Design organized by Jagran lake city university, Bhopal on 25-26th June 2021.
- Dr. Ambika Sankar Mishra and Dr. Mohammed Amir Pasha completed 15 days refresher course organized by Teaching learning centre Central University of Tezpur in June 2021
- Dr. Ambika Sankar Mishra and Dr. Mohammed Amir Pasha completed 5 days film appreciation workshop organized by FTII Pune in June 2021
- Dr. Ambika Sankar Mishra and Dr. Mohammed Amir Pasha and Mr. Saban Maharana are enrolled in unreal engine training to develop their skills
- Prof. Gurudutta Patnaik has presented on Online STTP sponsored by AICTE which was organized by Roland institute of Pharmaceutical sciences, Berhampur on “**Antifungal Drug loaded Nanoparticles pulmonary delivery system: In-vitro and In-vivo study**”.
- Mr. Bikash Ranjan Jena has actively involved and delivered lecture as a speaker on topic “**Analytical Qulaity by Design (QBD): an Emerging tool for Regulatory Flexibility in Chromatography**” in webinar on Bioavailability and Bioequivalence” held on May 31st organized by LONGDOM international Conferences, Bioavailability 2021, LONGDOM GROUP SA, Avenue Roger Vandendriessche, Brussels.
- All the faculty members participated in Online STTP sponsored by AICTE.

Values and Best Practices

Strategic Plan:

- To integrate the research with modern software tools like Python, Biovia's material and discovery studio, giovia, damola, simulia etc. so as to get quality publications that can lead to patent as well as new product development.
- To give Training all faculty members in python, biovia and other software tool for meeting industrial competency and high quality research publications
- Faculty members associated with different research centre will have to engage students and research scholars working under them in order to produce some patent/product.
- To introduce python, biovia software tools in the curriculum so as to improve the learning quality of students
- Planning to organize virtual Conference on Advanced Materials.
- Planning to develop new domains (LASER and new materials) and their corresponding labs in collaboration with industry. Each domain must have some theory, practice, project and internship. It must focus on emerging technology areas.
- Planning to introduce a new M.Sc course in nano and composite materials.
- To impart training all faculty members in software tools for meeting industrial competency and high quality research publications.
- Student Mentoring is a regular practice in order to provide a solid platform of learning to the meets through parent and teacher collaboration.
- Each Faculty was asked to publish 3 Research papers in peer reviewed journals from Jan-June 2021.
- Team SoM has formed two committees i.e. Placement committee as well as the Alumni committee as a part of the future strategic plan to develop the school. In both the committees there is a mix of faculty as well as student coordinators in order to execute the responsibilities. Placement committee shall assist the central team in placement related activities whereas the alumni committee shall focus on the Alumni related activities. Already on 12th June, 2021 a virtual alumni meet was conducted for School of Management for the very first time.
- Team SoM also plans to engage the students in the production units of our campus once the campus opens for the students and they shall work towards creation of sales orders, projects, development of research articles, case studies etc.
- Every Saturday peer-to-peer interactive sessions are held among the faculty members of School of Management and School of Media and Communication with emphasis on topics beyond research and courses. Peer group interaction of 60 minutes (30 minutes of presentation by a faculty member followed by 30 minutes of peer interaction) is organized in order to foster creativity and cooperation.
- To give Training to all faculty members in Biovia and other software tools for meeting industrial competency and high-quality research publications.

Community engagement:

- Students of MBA first year Prasanna Kumar Pradhan, Sunanda Priyadarshini and Ritiq Patnaik join the Centurion covid-19 helpline team to provide 24*7 support to the needy related to disease. The team shall also provide information support service (as per WHO & Govt. guidelines) to the patient and family members about hospital, bed, medicine, oxygen, food and post COVID precautions.

Consultancy:

- Dr. Rukmini Mishra received the sanction letter from SERB, DST, Govt. of India for the project entitled "Engineering anthracnose resistance in chilli pepper (*Capsicum annuum* L) using a single transcript CRISPR/Cas9 genome editing system" under the scheme of SERB POWER-GRANT. Soon funds will be released.
- There was a meeting at the departmental level to apply for more projects to different funding agencies.
- All the commitments of the meeting will be taken care of and will be submitted in the next meeting.