



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

Centurion University of Technology and Management

Bhubaneswar Campus

IQAC Minutes of Meeting (January – March 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)

1. Agenda & Plan of Actions to be taken

- All student's attendance were updated timely in ERP on a regular basis.
- NAAC files are updated by all schools from time to time on regular intervals as per the data available.
- To ensure smooth functioning and cleanliness across labs in schools every lab was assigned with one faculty and Laboratory assistant.
- New syllabus for Skill for Success (SFS) was planned and executed
- As per plan to complete the dissertation work to be completed before April'20 however due to covid-19 situation it was done and taken care by respective guides using the online platform.
- There was a plan for a parent teacher meeting which could not be conducted due to covid-19.
- As planned in the month of April all the internal examinations will be conducted using an online platform.
- The scheduled National Conference on Advanced Materials and Technology 2020 (AMT-2020) to be held was postponed due to the wake of COVID-19.
- The faculty members were advised to schedule their classes on Impartus as per their time table and deliver online classes during COVID 19 Outbreak. Any challenges or issues faced while handling classes on Impartus must be reported to the central systems integration team.
- All the odd and even semester subjects, E-content to be sent to HoD (previously assigned) by 31st March 2020.
- Faculty members were assigned to start the documentation work related to different NBA Criteria.
- Some extra time or remedial classes were discussed and finalized where the students can be guided for appearing in the EOD.
- Faculty members were asked to use Google calendar to schedule meetings, sessions and eventually publish the timetables.
- Dept. faculty members were advised to contact prospective employers.
- In the domain of O&M, Industrial automation, repairing of transformers and Go-to-Market some ideas were converted to student's projects.
- Faculty members are instructed to identify slow learners based on first internal marks and are advised to give special attention to those students in class who are slow learners.
- All faculty members were advised to actively contribute and focus more on Research work during this period.
- Examination coordinators were asked to provide result analysis of the 2016 batch.
- More attention will be given to those students who have 4 or less back papers.
- AMCAT and IELTS examination is mandatory and compulsory for all faculty members.
- Faculty members were advised to give at least one seed money proposal.
- Placement coordinator is instructed to motivate all students to attend campus drive so that we can get 100% placement.
- Domain coordinators are instructed to give updates about their domains.
- Faculty members of the respective schools are advised to attend MATLAB FDP.
- Mentors are advised to talk to students so that more students should register for EOD who are having less than 4 back papers.
- As maximum students are having back papers in strength of materials and thermal engineering, the concerned faculties were advised to take special attention for these papers.
- It will be mandatory for all faculty members to publish at least 2 research papers in reputed journals every year.
- Mentors are advised to give a CBCS data sheet so that it can help in tracking the subjects which were taken by students.
- Domain coordinators are instructed to give new advanced domain syllabus for 7th and 8th semester.
- All faculties are advised to give assignments to students.
- Faculties are instructed to give probable questions and answers to EOD registered students.
- Domain coordinators are instructed to go for internship visits and submit reports.

- Faculties are advised to register in the admission portal.
- Documents of research activity, alumni, placement, and result analysis file should be updated.
- Labs were upgraded as per the requirement of the present practice session.
- Weekly mentoring will be conducted by the respective faculty members
- It was planned to complete the dissertation work before month of April but due to covid-19 in present situation these are taken care by respective guides only guiding online.

Admission related

- Departments 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.
- Faculties of SOVET with Students have visited different schools for Brand Building.
- SOVET faculties along with students had visited 9 Districts of Odisha and conducted Entrance Test for admission in SOVET for the year 2020-21 on 8th March 2020.
- Branding activities conducted by Mr. Manoj Kumar Behera and Ms. Shivani Nanda for the students of DAV School (Pokhariput), +2 Vedavyas Science College Students and B.Sc. IT Honour's Students Unitech College respectively.
- 1st Tech-fest programme was arranged successfully on 5th Jan 2020.
- 2nd Tech-fest programs were arranged for almost 300 students on 12th Jan 2020 with a huge success.
- 3rd Tech Fest program was arranged successfully for students on 28th Jan 2020.
- 4th Tech-fest program was arranged on 9th Feb 2020 which the students accepted heartily.
- Prof. Bijay Bhujabal and Prof. C V Kamesh along with Mr. Gopal Krishna Panda went to Pattamundai College, Pattamundai), Gayatri College, Keonjhar, DD College, Keonjhar, Gopalpur College and Chhatrapur College, Pathani Samant College, Khandapada, Aska College, Keonjhar College, Dhenkanal College, Anugul College, Balasore College, Soro College, Mayurbhanj College, Berhampur College, Sambalpur College, Jharsuguda College, Bargarh College.
- 16 nos. of seminars was carried out exclusively for BBA and MBA and 400 students both Graduate and InterMediate students of about 2700 students.
- Admission team has visited the following districts during the quarter (Jan-Mar): Dhenkanal, Ganjam, Nayagarh, Kendrapada, Khordha (total 22 number of colleges) for promotion of Courses (2020-21).
- Students of Kamakhyanagar Women's College, Kamakhyanagar visited CUTM campus and Media labs including AR/VR.
- The Students of Shree Ganesha Institute, Khordha visited and had a tour of CUTM campus and SoMC labs.
- Students from Shri University visited SoMC and AR/VR Digital Laboratory (29/01/2020).
- Rama Devi University students visited SoMC and AR/VR Digital Laboratory (14/02/2020).
- About 3000 phone calls initiated, 60 interested students will visit CUTM campus after their Examination.
- Department and admission team have decided to boost the number of admissions in the current academic session.
- Faculty members are advised to help the admission team in the brand building of the department and in admission.
- Students of different schools and colleges are visiting the University and also going through different labs by creating acquaintances with different subjects.
- Each faculty should try their level best to collect the contact numbers of coaching centre's students in their home towns and share them with the admission coordinator.

2. Teaching and Learning

- All the Faculty members of the department are working with their assigned students of M.Sc. 4th sem and M.Phil. Students to complete their dissertation work.

- Dr. Subrata Sarangi took the Astrophysics class (Astro observations) of B.Sc. final year students at the rooftop of Staff quarters, as a part of innovative teaching.
- Some MSc students were encouraged to do their project work using the Biovia tool.
- In the wake of COVID-19 outbreak all classes were suspended from 14th March 2020. So even semester courses could not be completed in class. For this reason online classes were conducted using Impartus platform for all programmes.
- Domain classes got hampered due to COVID-19. (On-line classes conducted through Impartus for the rest of the Curriculum)
- Final year Internship and Project Presentation scheduled to be conducted on 8th April 2020 through On-line platforms due to Lockdown.
- Semester exam to be conducted online through Impartus.
- All parents have been informed and students motivated to attend the online classes through Impartus for the lockdown period. They have been supplied with sufficient e-materials. Assignments are being assigned and evaluated electronically.
- Class test 1st and 2nd for the odd semester students have been conducted, evaluated and marks have been posted.
- Final year students' projects are about to be completed.
- 7th semester student's project progress review conducted by Dr. Nageswar Rao on 10th of February. He suggested students concentrate on project planning then execute the project.
- New value added courses and skill courses were introduced in undergraduate and diploma Programs.
- Faculty members are conducting online classes through the Impartus app so as to complete the syllabus in time.

Assessment

- 1st and 2nd internal assessment of M.Sc. 2nd and 4th and B.Sc. 2nd, 4th and 6th semester students was completed.
- Load distribution, Lesson plan preparation and presentation by respective faculty members
- E-content is finalized and ready to upload into the tabs. The purpose being to give each individual student offline learning through an effective medium (Tabs given to students)
- 1st and 2nd internal evaluation was completed as per session plan and uploaded in ERP in time.
- All Laboratory external and Semester examinations was rescheduled due to the outbreak of Covid-19 virus in India as well as in the World.
- During home quarantine students were provided with an online teaching facility by Impartus app.
- Third Internal was planned to conduct by online with the help of Google form.
- Result analysis for the last odd semester was completed in January 2020.
- First Evaluation of LR, class notes, assignment & lab/workshop records was completed from 6th to 8th February 2020.
- Second Evaluation of LR, class notes, assignment & lab/workshop records was completed from 9th to 11th March 2020.
- 1st and 2nd internal evaluation was completed as per session plan and uploaded in ERP in time.
- All Semester examinations were rescheduled due to Covid-19 virus spread.
- During home quarantine students were provided with an online teaching facility by Impartus app.
- Third Internal was planned to conduct by online with the help of Google form.
- Two internal examinations and evaluation was completed for even semester batches.
- Proposal of conducting online semester examination was initiated due to Covid outbreak.
- Project Progress evaluation of 4th M.Sc. students were done.
- Internal assessments of theory examinations have been done for D.Pharm 1st year students.
- 1st and 2nd internal evaluation was completed as per session plan and uploaded in ERP in time.
- All laboratory external and semester examinations were rescheduled due to the outbreak of Covid-19

virus in India as well as in the World.

- During home quarantine students were provided with an online teaching facility by Impartus app.
- Third internal was planned to conduct by online with the help of Google form.
- All Internals were successfully completed and the third internal will be done online.
- Marks of 1st and 2nd internal were successfully uploaded in ERP for all on-going semesters.
- Out of 64 students 49 cleared their back paper and 9 students from B.Optom., 5 students from B. Sc. MLT and 1 student from M.Sc. CMB has not cleared their back paper.
- M.Phil. and PhD Students presented a paper in the National Seminar on “Physics and Chemistry of Novel Materials” at CUTM Bolangir campus during 28-29th February.
- B.Sc., M.Sc. and M.Phil. Student’s participated in a tech exhibition and poster presentation in “Project Expo ” organized in the campus.
- Odd semester results were out. Results analysed and reviewed.
- The pass percentile of BSc 1st sem, 3rd sem and 5th sem students were 66%, 85% and 94% respectively.
- The pass percentile of MSc 1st sem and 3rd sem students were 83% and 93% respectively.
- Load distribution, Lesson plan preparation and presentation by respective faculty members.
- E-content is finalized and ready to upload into the tabs. The purpose being to give each individual student offline learning through an effective medium (Tabs given to students).
- 1st and 2nd internal evaluation was completed as per session plan and uploaded in ERP in time.
- Centralized Online review system by a befitting panel over Skype for Domain students
- Zoom sessions were held for the 8th semester students for their Internship evaluation and Project evaluation.
- Slow learners are identified and extra exercises given for practice.

- Result analysis is done for the last two years of all programs that have been conducted. 2) Internal assessment of Midterm-01 held in the month of February was carried out and currently evaluating by respective faculty is being done.
- Students are informed to participate in various campus recruitment drives organized by the Training and Placement Cell.
- CUTM GT Skills 2019 was organized on 23rd October to increase our students' learning skill.

Students Activity:

- Six M.Sc. 4th semester students displayed their posters in the National Seminar based on the given theme “Advance in life science and biotechnology” at Ramadevi Women's University on 28th February 2020.
- On 27th and 28th Jan, 2020 Mousumi Tripathy and Arpita Dash students of M.Sc. The second semester presented their poster in the International conference on Agriculture.
- Students actively participated in National Science Day, was celebrated on 18.02.20 in order to commemorate the birthday of the great scientist and Nobel laureate Sir C. V. Raman in Hall no-6 of Aryabhata building .
- Interaction with the students on a daily basis by the faculty members and Dean of SoVET.
- Rapid course completion technique for final year students was implemented. Successfully we have completed the course within the expected time period.
- Survey Training for the final batch of mining students. We are conducting survey training classes by the faculties of civil and mining engineering.
- M.Sc. and B.Sc. students actively participated in the SFS Exhibition held on 6th and 7th March 2020.
- Science Club “Illuminate” has organized several competitions on the occasion of Republic Day, Annual function, National Science Day like PPT competition, Science quiz competition, Debate competition, Spot painting competition.
- M.Sc. students actively participated in the SFS Exhibition held on 6th and 7th March 2020.
- Slow learners were identified and extra attention given to them during lab classes.

- Remedial classes were started for EoD registered students.
- Students were prepared for Hackathon based on a real time project.
- It was discussed in the meeting to provide 10 to 15 skill courses focusing on learning and development to all students across all program of SoM as per AICTE guidelines.
- Title of the courses / Nomenclature of the courses, contents modification need to be undertaken.
- Python subject must be considered to provide to MBA Students as other colleges of other Universities are following.
- That the execution of the curriculum should be decided by the Dean with consultation of faculty and Registrar.
- Revision of course curriculum needs to be done for MBA, MBA (DA) ABM and BBA programs.
- A free drug distribution and health camp was organized by the School of pharmacy and life sciences in association with SoPAHS (Paramedics) on 1st March 2020 at Panchayat.
- Faculty member of SoPLS (Dr. Biwsakanth Kar & Mrs. Prachi Rani Sahu) along with 7 pharmacy students of SoPLS celebrated the weekend in a unique way from 10am to 2pm by conducting various health check- up like blood pressure, blood group, BMI of more than 250 numbers of patients with the help of doctors from SOA and SCB medical college. All the members of Panchayat Samiti present over there appreciated the contribution of Centurion University for the social cause.
- Production of News and Short Film, Content Writing, attending Art and Film Festivals, National Radio Fair, Covering of News – 04 in Bhubaneswar Area.
- Annual function is also over in the month of March in which on the 1st day there is an exhibition of all departments in which Paramedics department students also participated and presented their models.

Students Welfare

- On 3rd of February, 2020, M.Sc. 4th semester students of Botany department, SoAS, were taken on a scientific visit to National Rice Research Institute (NRRI), Cuttack, for research exposure and technical knowhow.
- Students got an opportunity to visit molecular biology, genome selection and tissue culture labs. They understood the principles of various molecular instruments and equipment which are there in their syllabus. They practically observed different laboratory experiments like DNA extraction, PCR analysis, gel documentation and tissue culture techniques.
- Department of Botany organized a study tour on 1st March 2020 to Deojher, Cuttack, Odisha. Extensive and intensive field visit was done. And students collected some medicinal plant species and preserved them as a herbarium. Students interacted with tribal medicine men and got knowledge about the ethno medicinal and crude extract uses of some unusual medicinal plants.
- One faculty member was deputed as mentor/proctor to 20 numbers of students so as to keep a record of their academic activities and to help them in their academic problems.
- Remedial Classes were organized for poor performed students in Internal Examinations by their respective subject teaching faculty members.
- Our star Sport performer Mr. Ghanashyam Mahakud and Mr. Sangram Sahoo were felicitated by the President of Centurion University of Technology and Management, Odisha for representing our University in various inter university Kabaddi and volleyball events.
- All the students participated and enjoyed the four days Annual tech fest Gajajyati 2020.
- SoVET Students had interacted with the students of Deakin University and Queensland University, Australia.
- SoVET students are learning Japanese language and culture for getting the placement opportunity in Japan through SFS.
- Students of SoVET Qualified In 1st and 2nd Round of Odisha Skill. Training is being provided to all the students who are practicing for World Skill 2021.
- At the entrance of the main gate, SoVET students had designed and planned the map for the butterfly garden, which was inaugurated by Padma Shri Kamal Haasan.

- One faculty member was deputed as mentor/proctor of our M.Sc. and B.Sc. students to keep a record of their academic activities.
- Remedial classes were organized for poor performed students by respective subject teaching faculty members.
- Student picnic accompanied by faculty members of the department was held in the month of January.
- Awareness program on 'Ill effects of drug abuse' was conducted for hostel students
- B.Sc. students of different branches were taken on an Industrial visit to IIT, Bhubaneswar on 12th February.
- Annual function was held in March with lots of cultural events and DJ night.
- One faculty member was deputed as mentor/proctor to 20 numbers of students so as to keep a record of their academic activities and to help them in their academic problems.
- Remedial Classes were organized for poor performed students in Internal Examinations by their respective subject teaching faculty members.
- Our star Sport performer Mr. Ghanashyam Mahakud and Mr. Sangram Sahoo were felicitated by the President of Centurion University of Technology and Management, Odisha for representing our University in various Inter University Kabaddi and Volleyball events.
- 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 hour to ensure that the decorum of the student's study hour is maintained and conducive environment provided.
- Under 25 Summit was arranged on 18th Jan 2020 for all our students to celebrate and participate
- Annual function participation by the department students in various drama and dance performances was witnessed by one and all.
- Introduction to Human Rights have been registered by 2nd Semester and Intro to Ethics, Yoga & Wellness by 6th semester students as Value added course
- Hostel Visits were conducted by faculties during evening hour to check the student's study hour.
- Parents Teachers meet were organized on 8th Feb 2020 to discuss various students related issues.
- Under 25 Summit was arranged on 18th Jan 2020 for all our students to celebrate confusion.
- Introduction to Human Rights have been registered by 2nd Semester and Intro to Ethics, Yoga & Wellness by 6th sem students as Value added course.
- 3 days workshop for all students of MBA, BBA, MBA DA was held on the topic "Marketing Made Simpler" by Prof. D. N. Rao Sir and Prof. Govindarajan Sir from 24th to 26th February 2020.
- Budget analysis 2020 was conducted as a part of student learning and a quiz was held on Dt. 22.02.2020 for all students of SoM
- MBA 1st and 2nd year students, MBA DA 1st year students and BBA 2nd and 3rd year visited Symphony Mart and Decathlon, Bhubaneswar on 15.02.2020 as part of the Industrial visit to get some industry exposure.
- One faculty member was deputed as mentor/proctor to 30 numbers of students so as to keep a record of their academic activities and to help them in their academic problems.
- Students celebrated the annual fest Gajajyoti 2020 on 4th 5th, 6th and 7th March 2020 and secured different positions in various contests and cultural events held in the same.
- On 5th, 6th and 7th March 2020 health check-up camp was organized as a part of the annual fest Gajajyoti 2020 annual fest in which various health check-up activities like blood pressure measurement, blood group, BMI and free drug distribution was carried out in presence of Dr. Srinivas Sahu. More than 300 inmates and people of periphery villages are participated. All the members present over there appreciated the contribution of Centurion University for the social cause.
- All the students participated and enjoyed the four days annual tech fest Gajajyati 2020.
- Counselling on mental health and stress management (January 6 2020) at SoMC.
- Changing Industry Demand and Job Profile Preparation (February 18 2020) at SoMC.

- Orientation on UGC NET Examination to PG Students (March 3 2020) at SoMC.
- Hostel Visits was conducted by Prof. S. K. Jha on every Friday during evening hour to check the student's study hour.
- All students were asked to register for SFS courses from 17th Dec.
- Remedial Classes has been organized for poor students by their respective subject teachers.
- Mentoring class was a part of the department time table and is held once in a week so as to monitor the student progress and keep a track record of their performance in internal as well as semester examinations and also information sent regularly to parents.
- Students are informed to participate in various campus recruitment drives organized by the Training and Placement Cell.
- CUTM GT Skills 2019 was organized on 23rd October to increase our students learning skill.
- Annual function is also over in the month of March in which 1st day there is an exhibition of all departments in which Paramedics department students were also participated and presented their models.

Student Training:

- M.Sc. students were trained in Biovia Discovery Studio and Material studio to carry out their final year project
- M.Sc. students were trained in Biovia (Pipeline pilot) to carry out their final year project.
- Coding training classes given to 2nd, 6th semester students for C-programming as Industry preparation.
- Pre-Placement training classes are conducted and students attend them with full dedication.
- Career Coordinator keenly observing the activities of the students.
- Domain coordinators are instructed to assign the students with projects with real-world applications rather than demo based projects.
- Students participated in Open Day & Grand Science and Technology Exhibition – 2020 on 12th February 2020.
- Skill for Success classes were arranged weekly twice to develop skill competency among students
- All the mentors have communicated regarding fees dues. Backlog reports have been provided by mentors and emphasizes on slow learner.
- Mentors are advised to give CBCS data sheet so that it can help in tracking the subjects which were taken by students.
- B.Pharm final year students were trained by various resource persons both from industry and academia to pursue their career in right direction.
- In SoMC department Visiting of KANAK Television (Bhubaneswar), Sambad Print Media (Bhubaneswar), Radio Chocolate (Bhubaneswar), MBC Television (Bhubaneswar).
- Students attended Workshop on “Sound Engineering” organized by School of Media and Communication.
- Prof. S. K. Jha gives training to the 6 no's of Internship students for the Community Diagnostic Centre.
- Optometry students to get a practical knowledge of testing eye sight, visual acuity.
- Radiology-Practical knowledge in manual and digital X-ray testing.
- MLT-Students are getting trained to check blood pressure, blood sugar, blood groups, centrifuge, CBC, LFT, KFT, Lipid profile, Malaria, Typhoid, Colorimeter, Semi auto analyser and Full auto analyser, Histopathology.
- CMB-Culture And Antibiotic Sensitivity, Media Preparation, Sterilization, Gram Stain, Isolation of Micro-organism (Bacteria and Fungus) from Food, water and others Sample, ZN Staining.
- OT-Students getting trained as a OT technician, EEG, ECG tests training(Diploma)

Placement Training

- Placement training is being provided to all the final year students of SoVET continuously from the beginning of this semester.
- Placement training classes were conducted through Impartus medium during Lock Down period.
- LSD classes were initiated for all the eligible students
- Pre-placement training and development classes facilitated for 3rd year students.
- Students are advised to prepare industry and market-based CV, Resume and Bio data as required for a job interview. Students are also advised to go through online and print employment news regularly. Students visited the local media industry for understanding of job challenges and demands.

Job Preparedness

- CSIR NET and GATE classes was going on in the month of January after December CSIR NET exam till 25th February. From 26th Feb they had their internal test and after lockdown, personal counselling and doubt clearing classes were carried out for CSIR NET aspirant by concern faculty.
- LSD classes were initiated for all the eligible students.
- NET/GATE classes conducted 3 days in a week.
- Technical classes were conducted for final year students.
- Aptitude classes were conducted for final year students.
- Vocabulary and speaking skill classes were conducted for final year students.
- Students are given special training classes in C for preparing AMCAT oriented questions in order to widen their job gaining prospects.
- Placement pledge was asked of students to ensure they attend all the in-campus drives so that student's placement percentage is increased.
- Placement pledge was signed by students.
- GPAT classes are conducted 3 days in a week for 2nd year onward students.
- Passing out students (UG and PG) are advised to apply for various positions (Govt. / Private).
- Counselling for UGC NET Examination and Industry ready positions carried out.

Student Mentoring

- Weekly one class was taken for mentoring. Monthly mentoring report was submitted by concerned faculty.
- For every 20 students there is a mentor assigned. Mentors are regularly interacting with parents and informing about academic and personal problems of mentees.
- Another student named Biswaranjan Sahoo of B.Sc. 4th semester had Rs 15,000/- dues pending and the mentor informed his parents and they pay it and now he is eligible to appear for the semester examinations.
- One faculty member was deputed as mentor/proctor of our M.Sc. and B.Sc. students to keep a record of their academic activities.
- One critical case was raised in this time and that was solved by interference of the mentor and parents of that particular mentee named as Amit Kumar Jena, a student of 4th semester B.Sc. student. The case is like; he is addicted with alcohol and drugs for which he is not able to attend class and due to less attendance debarred from the 1st internal examination. So due to frustration he is going to commit suicide. When the mentor came to know that from his friends, she informed the HoD and his parents and counselled him in the presence of his parents. He understands his fault and now he is mentally fine and after regular class he is also now eligible to appear for the semester examination.
- Another student named Biswaranjan Sahoo of B.Sc. 4th semester had Rs 15,000/- dues pending and the mentor informed his parents and they pay it and now he is eligible to appear for the semester examinations.

- A B.Sc. 2nd semester student named Sachidananda Mahakud was regularly absent in class as well as 1st and 2nd internal examinations. His mentor contacted his parents and they told that he has discontinued the course and wants to take admission in some other course with their permission.
- Career plan template and back paper template was filled.
- Students with backlogs were encouraged to clear them and for helping the purpose previous year question papers and solutions for the same were provided for practice.
- Parents were informed about the backlog status of their ward so that they could counsel and motivate them for clearing those papers.
- Mentors were asked to submit a report to HoD thereby informing their mentees along with their parents to clear their academic dues by 31st March 2020.
- For every 30 students there is a mentor assigned. Mentors are regularly interacting with parents and informing about academic and personal problems of mentees from time to time.
- Mentoring class is a part of the department time table and is held once in a week so as to monitor the student progress and keep a track record of their performance in internal as well as semester examinations and also information sent regularly to parents.

Student satisfaction Survey

- Students were instructed to fill up the feedback forms and submit the same in ERP.
- The soft copies will be extracted from the ERP cell.
- Online feedback is taken from Students through ERP.

2.3 Faculty and Staff

Faculty and Staff Welfare

- Dr. Rukmini Mishra, Senior Research Associate has invited as a speaker under the Young Investigator Lecture Forum of LifeTech-2020 for National Conference on “Advance in Life Science and Biotechnology (LifeTech-2020)” by the Dept. of Biotechnology and the Dept. of Life Science under the onus of Rama Devi Women’s University were during 27th - 28th February, 2020.
- Off Site meet was arranged on 1st February 2020 for all the faculties of SoVET at Swosti Chilika Resort, Chilika.
- Faculty members publishing research papers in UGC/Scopus/SCI journals are given incentives.
- HoD gives suggestions to faculty members to improve their performance based on the feedback by students.
- Dr. Shraban Kumar Sahoo, Research associate awarded his Ph.D. degree.
- Holi and New Year were celebrated among faculty members by sharing sweets and colours.
- All teaching and non-teaching staff conveys their good wishes to Prof. Partha Sarathi Mohapatra and Dr. Sharaban Kumar Sahoo on their wedding ceremony.
- The department conducted an AI/ML workshop for the students across all campuses where the faculties from Bhubaneswar campus pioneered as the resource who delivered the workshop.
- Faculties were advised to join Slack and give the update regarding their online classes.
- Dr. Umakanta Nayak, Associate Professor was invited on Dt. 12.02.2020 to take two sessions on the subject Management at Madhusudan Das Regional Academy of Financial Management, Bhubaneswar.
- Dr. Madhumita Das, Asst Professor was felicitated as best CSR award by CUTM.
- Prof. Sisir Ranjan Dash successfully completed and received a passing grade in “Consumer Behaviour” from IIM-Bangalore.
- Dr. R. C. Mohanty, keynote Speaker for the 25th National conference of “Orthotic and Prosthesis Association of India (OPAI-2020) held on 7-9 February 2020 at KIIT University, Bhubaneswar, Odisha.
- Dr. R. C. Mohanty, Prof. Debashree Debadatta Behera, Prof. Shakhya Singh Sahoo, Prof. Chiranjibi Mohanty attended Machine learning FDP.

- From the mechanical department we have got a seed money proposal which was accepted.
- Principal discussed and suggested to faculty members to improve their performance basing on the feedback by students.
- Faculties (Mr. Himansu Bhusan Samal, Mr. Hara Gouri Mishra & Ms. Swagatika Dash) and students of SoPLS attended a one day National seminar on 29th February 2020 organized by School of Pharmacy, CUTM, Rayagada Campus on the theme “Nanotechnology based Drug Delivery System: Challenges and Opportunities”.
- One of our faculty members Dr. Biswakantha Kar participated as an evaluator in a poster presentation event in the National Seminar on 8th March 2020 organized by IPT Salipur.
- New Year was celebrated by the department with the distribution of sweets and cakes by our HOD.
- Annual function was held in the month of March.

Awards Received:

- Dr. Gyanranjan Mahalik selected for INSC research excellence award, 2020.
- Mr. Kula Bhusan Pradhan achieved The Excellence Award from GTET for dedication and passion in working.
- Mr. Kula Bhusan Pradhan Achieved the CSR Faculty Excellence Award for The Year 2019-20.
- Shreyansh Agrawal was awarded 1st prize in solo dance held from 4-7 March, Adarsh Kumar Sahoo was awarded 1st prize in Union Budget 2020 quiz competition.
- J. Raj Kumar, Tushar Nimai, Ejjada Chaitanya, Ramandeep Singh and B. Srinu Rao participated in the East Zone Inter-Branch Football Tournament and were positioned as Runners up and received East Zone Certificate.
- B. Srinu Rao was awarded 1st prize in the Treasure Hunt event held in Gajajyoti 2020.
- Chirag Verma was awarded the Best Sports Coordinator from our SoM. Dr. Madhumita Das was felicitated at 'Bhitarkanika Mahotsav' for her paper "Ecotourism and Conservation". She was felicitated by Shri Ranendra Pratap Swain, Hon'ble Minister Food Supplies & Consumer Welfare Cooperation Odisha. Dr. Das was invited as a guest speaker for her research work on Ecotourism in Bhitarkanika at the festival.
- Dr Ambika Sankar Mishra Achievers Excellence AWARD-2020 for special contribution to Social Media as the youngest media faculty of Odisha by Achievers foundation, Bhubaneswar at Geeta Govind Bhawan on 16.02.2020.
- Prof. Sarat Kumar Jena selected as invited speaker and delegate in “Eastern Zone Teachers Meet – Revitalization of Indian Philosophy by submission of research work on Mahima Dharma” represented Centurion University of Technology and Management, Bhubaneswar during Eastern Zone teachers’ meet at Vishwa-Bharati, Shantiniketan. Jointly organized by Indian Council of Philosophical Research, New Delhi (Ministry of HRD, Govt. of India) and Department of Philosophy and Comparative Religion at Visva-Bhatrati, Shantiniketan (West Bengal). 21-23 February, 2020.

3. Research and Publication

- Total four papers published in international and national journals.
- Two papers published in Scopus and two papers in the web of science journals.
- Seven papers submitted to Sci and Scopus based journal.
- Total six papers were accepted.
- Three papers accepted in the web of science and three papers in Scopus journal.
- M.Sc. 4th semester students and M.Phil. students are almost at the end of their project work.
- Process Parameter Optimization in “EDM using Heat Treated Al Tool and without Heat Treated Al Tool” by Mr. Kailash Kumar Sahu Published in Scopus Indexed Journal.
- “Bio-Conversion of Lignocellulosic Materials Into Ethanol” by Mr. Kula Bhusan Pradhan: Accepted by Scopus Indexed Journal.

- Application of “Surfactant on Coal Dust Suppression”: A Case Study by Mr. Debashish Pradhan: Submitted to Scopus Indexed Journal
- Novel approach to “Caffeine Extraction Recrystallization and Findings using Liquid-Liquid Method” by Ms. Somalika Pradhan: Published in Web of Science.
- Wireless sensor network based real-time monitoring of underground Mine Environment by Mr. Jitendra Pramanik: Published in Web of Science.
- Prof. Amit K Sahoo Published a Scopus Index Journal on "Analytical FOPID controller design based on Bode’s ideal transfer function for desired closed loop response"
- Faculty should be given stress for at least one or two paper publications with the help of Research Scholar and Students.
- PG students should be going for publication in order to improve the quality of students under guidance of faculty members.
- Dr. Bibhunandini Participated in the National Seminar, 52nd Odisha Economic Association and presented a paper titled "Educational attainment, Schooling Infrastructure and household earning Dt. 8th & 9th February 2020 at Parala Maharaja Engineering College, Sitapali, Berhampur.
- Dr. Bibhunandini Participated in the National Seminar, Impact of Modern Technology on Farm Productivity and presented a paper titled Agriculture in India: Problems, Policies and Prospects on Dt. 28th February 2020 at BJB Autonomous College, Bhubaneswar.
- One book published by Dr. Susanta Kumar Mishra on “Skills for entrepreneurial success” published by Amazon. Dr. Sisir Ranjan Dash and Dr. Sabyasachi Dey's paper titled “Interrelationship between Macroeconomics variables and Capital Market: Empirical evidence traced from Indian Economy” was accepted at a Conferene Proceeding.
- Dr. Pramod Patjoshi, Associate Professor and Dr. Girija Nandini, Asst. Professor published a paper “Stock Market Anomaly: Day of the Week Effect in Bombay Stock Exchange with the Application of Garch Model" in a Scopus journal.
- Prof. Shiv Sankar Das, Asst. Professor published a paper titled, “Use of Clean Energy in On-Farm Livelihood Security”, Gedrag & Organisation, bearing ISSN No: 0921-5077 (online), Volume 33 - 2020, March 2020, pp. 131-142.
- A paper authored by Prof. Sabyasachi Dey and Prof. Sisir Ranjan Dash titled “Exploring Peoples’ Perception towards Government Policy on banning Poly Bags – a Case Study of Bhubaneswar Smart City” has been accepted for publication by the “Test Engineering and Management” which is a Scopus indexed journal.
- A paper authored by Prof. Sabyasachi Dey, Asst. Professor and Prof. Sathya Swaroop Debasish (Associate Professor, Utkal University) titled “Impact of Demographic Variables on the Customers’ Choice of Different Modes of Banking Transactions in Odisha” has been accepted for publication by “IITM Journal of Business Studies” which is UGC-CARE listed journal.
- Prof. Pramod Patjoshi and Prof. Girija Nandini published a paper titled, “Measurement of Risk and Returns Spillovers Effects among Sensex and Equity Based Mutual Funds in India”, International Journal of Recent Technology and Engineering(IJRTE), ISSN-2277-3878 (online) , Volume-8, Issue-6 March 2020, pp. 4478-4484.
- 1 article has been published by a faculty and 4 research meetings have been conducted in the month of February 2020.
- 10 research proposals has been submitted to Research Committee of CUTM
- 1 Product proposal has also been submitted to the Research Committee of CUTM.

Research, Publication

- Prof. Debashree Debadatta Behera, R.C. Mohanty, A.M. Mohanty's paper titled “Development of a Solar Operated Blower for Forging Operation: An Initiative for Sustainable Livelihood of Rural Area”, IJEAT, International Journal of Engineering and Advanced Technology, has been published.

- Prof. Babuli Kumar Jena, paper titled “Selection of Die casting process parameters using Taguchi Methods and ANN”, Indian Journal of Natural Sciences has been published.
- Prof. Babuli Kumar Jena “Applications of Soft Computing Tools in Metal Forming”, Adalya has been published.
- A paper on “Confronting and coping with resilient environment by fishermen community of Penthakata, Puri during Fani” has been published by Prof. Sagarika Panda, in Adalya, Volume-9 Issue-1, January 2020
- A paper on “Mechanical Properties of Green High-Performance Concrete Using Fly Ash and Alccofine” has been published by Prof. Sagarika Panda in JXAT Volume-12, issue-3, 2020 February 2020
- A Paper on “Eopolymer Concrete: An emerging green material for modern construction” has been published in IJEAT Journal, vol:9, Issue no: 3 by Prof. Sagarika Panda,
- A paper on “Metakaolin effect on Strength of concrete” has been published by in AEGAEUM Journal Volume-8, issue-3, 2020 March 2020 by Mr. Durga Charan Sahoo
- A Paper on “Thermally compatible Cinder blended LWC: Shuffle to Environmental sustainability of steel plant area” has been published by Mr. Durga Charan Sahoo in GED. & ORG. Volume-8, issue-3, 2020 March 2020.
- A paper on “SParadigm shift on environmental sustainability by replacing GGBS in RMC: Industrial waste utilization” has been published by Dr. Siba Prasad Mishra, in ADALYA Volume-9, issue-3, 2020 March 2020.
- Prof. Babuli Kumar Jena, paper titled “Optimization of Resistance Spot Welding Process Parameters using Taguchi Method” Indian Journal of Natural Sciences has been published.
- Prof. Debasmita Das, Prof. Sunanya Das, Prof. Mukundjee Pandey, Dr. Dipankar Bhattacharyay paper titled “In silico analysis of phytochemicals from Mucunapuriensis against Mycobacterium tuberculosis causing Tuberculosis” European Journal of Medicinal Plants has been published.
- Mr. Nimay Chandra Giri, Prof. R. C. Mohanty titled “Accelerating India's Energy Sector to Sustainable Sources, Potentials and Prospects” Indian Journal of Natural Sciences has been published.
- Mr. Nimay Chandra Giri, Prof. R. C. Mohanty titled “Performance Evaluation of One MW on-Grid SPV Power Generation Plant in Odisha, India” Indian Journal of Natural Sciences has been published.
- Prof. Manas Ranjan Padhi titled “Effect of Pouring Temperature on Mechanical Properties of Semisolid Cast A319 Aluminum Alloy International Journal of Engineering and Advanced Technology (IJEAT) has been published.
- Prof. Bimal Ranjan Pattanaik, Prof. Prajna paramita Debata, Prof. Mandakini Bihari titled “Experimental examination of process parameter during fabrication and machining of powder metallurgy Aluminium component” International journal of recent technology and Engineering has been accepted.
- Prof. Debashree Debadatta Behera, Prof. A. Mohanty and Prof. R. C. Mohanty titled “Performance Evaluation of Hybrid Solar Dryer for Drying Food Products” International Journal of Advanced Science and Technology (IJAST)) has been accepted.
- 3 no's of book chapters published by faculty members of SoMC.
- Prof. Sarat Kumar Jena. “Representation in Medieval Epic Narrative: Locating Narrative Theory and Praxis in Sarala Mahabharata” in Sahoo, UN (Ed.). The Great Indian Epic: International Perspectives. New Delhi: Manohar Publishers, 2020. pp. 121 – 134.
- Prof. Ambika Sankar Mishra. “The Social Media Language”. Language, literature, culture and integrity. Bhubaneswar: Institute of Odia Studies and Research, 2020. ISBN: 978-81-942780- 0-9
- Ms. Chinu Bohidar - “Emoticons as Instant Messaging for WhatsApp and Facebook: A Study on Homemakers of Bhubaneswar, Odisha”. Women Empowerment and Sustainable Development (ICWESD-2020). Published by the Research Foundation of India. ISBN- 978-93-89522-28-0.
- 20 no's articles are submitted on the peer reviewed Journals, all these are now in review process.
- Dr. Soumya Jal communicated 6 no's research articles entitled.

- 1- "Variation in toxicological profile of the immaculate puffer *Arothronimmaculatus* collected along two coasts in Southern India".
 - 2- "First report on toxicity and Tetrodotoxin identification in the Ocellated Blowfish *Tetraodon cutcutia* from India".
 - 3- "Isolation and Characterisation of bacterial tetrodotoxin from freshwater puffer, *Tetra Odon cutcutia*"
 - 4- "An In-silico analysis of phytochemicals as antimicrobial agents from *Patachouli* against Eczema"
 - 5- "Evaluation of phytochemical compounds from *Curcuma longa* (Turmeric) as a potential drug against Sinusitis: An In-silico approach"
 - 6- "Analysis of binding and interaction pattern of phytochemicals from *Curcuma longa* (Turmeric) against Ulcer: An In silico virtual screening approach" to SCI and Scopus indexed journal.
- Dr. Monali P. Mishra communicated 4 no's research article entitled.
 - 1- "In silico and in vitro antibacterial activity and GC-MS analysis of *Anogeissus acuminata* leaf extract with host toxicity testing"
 - 2- "In silico Molecular docking Studies of Phytochemicals from *Withania somnifera* against shikmate 5-dehydrogenase of *Helicobacter pylori* causing Peptic ulcer"
 - 3- "In silico analysis of phytochemicals from *Withania somnifera* against *Acnes vulgaris* caused by *Propionibacterium acnes*"
 - 4- "In silico analysis of phytochemicals from *Withania somnifera* against 3-hydroxyacyl-CoA dehydrogenase type-2 of *Mycobacterium avium* causing Pulmonary infections" to Scopus indexed journal.
 - Ms. Sonali Das communicated 4 no's research article entitled.
 - 1- "Enhanced antibacterial potential of berberine via synergism with chitosan nanoparticle"
 - 2- "Anti-malaria activities of phytochemicals from *Theobroma cacao*: An in silico study"
 - 3- "In silico screening of antidiarrheal phytochemicals from *Coriandrum sativum*"
 - 4- "Computer-aided investigation of phytochemicals from *Cuminum cyminum* against *Staphylococcus aureus* based on molecular docking studies" to Scopus indexed journal.
 - Ms. Susmita Chakarbarty communicated 3 no's research article entitled.
 - 1- "Prevalence of non-lactose fermenting Gram negative bacilli causing urinary tract infections in a tertiary care hospital",
 - 2- "In silico Molecular Docking studies of phytochemicals screened from *pogostemon cablin* plant extract against Hlyu enzyme of *vibrio cholera* causing cholera"
 - 3- "In silico analysis of phytochemicals from *Jasminum* against Hepatitis" to Scopus indexed journal.
 - Prof. S. K. Jha communicated 2 no's research article entitled
 - 1- "An In-silico analysis of phytochemicals as antimicrobial agents from *Patachouli* against Eczema"
 - 2- "Analysis of binding and interaction pattern of phytochemicals from *Curcuma longa* (Turmeric) against Ulcer: An In silico virtual screening approach".

Teachers awarded National/International fellowship for advanced studies /research:

- Prof. Chittaranjan Routray was conferred with Faculty Excellence Award from Institute of Scholars, Bangalore, India.
- Dr. Susanta Kumar Biswal Dean SoAS has been approved for the "Innovative Research & Excellent Educationalist Award" by the executive committee of the society of innovative educationalist & Scientific Research Professional, Chennai accredited with innovative scientific research professional Malaysia on the Occasion of International Convention on Multi Specialization Innovative Scientific Research Strategies (ICISRS 2020).
- Dr. Shrabhan Kumar Sahoo is awarded his Ph.D. degree from National Institute of Technology, Rourkela.
- Dr. M. Siddique has been awarded his Ph.D. degree from KIIT University.
- Dr. Susanta Kumar Biswal Professor of Chemistry and Dean SoAS was conferred with best faculty award from Science Father Organization on the occasion of 1st international research awards on Science, Health and Engineering on 11th and 12th January 2020 held at Chennai, India.

- Mr. Gyana Ranjan Parida, received the Seed Money Proposal from CUTM on 26th March 2020.
- Prof. Chandrabhanu Pattanayak and Ms. Sanghamitra Patnaik. Documentation of Tribal Weavers and Design of Odisha.
- Prof. Sarat Kumar Jena. Politics of representation of women in popular culture: Locating agencies of native voices in women's band in NE India.

Research Publications in the Journals notified on UGC website:

- Four papers published in the journals notified on the UGC Website.
- Dr. S. K. Biswal published a research paper entitled as Heterogeneous Catalyst Derived from Natural Resources for Biodiesel Production in Indian Journal of Natural Sciences.
- Dr. S. K. Biswal published a research paper entitled as recent advances on rheological behaviour and slurry stabilization for economic pipeline transportation in Materials Today: Proceedings-Elsevier.
- Dr. Ashish Kumar Sahoo published a research paper entitled Antibacterial and Photo catalytic activity of wet chemically fabricated CuS / graphene Nano composites in International Journal of Scientific & Technology Research.
- Mr. S. Acharya, Mr. S. N. Sarangi, Prof. S. K. Biswal “Prediction of Ferromagnetism in Zn 0.99 Cu 0.01O nanorods” published in Adalya Journal.
- Mr. Pradhan AK, Mr. Sethy TR, Prof. Biswalb SK and Sahoo PK “New Simultaneous Strategies for pressure sensitive Adhesion and Drug Delivery Action by Dynamic Chitosan-Snail Shell based Bionano composite Thin-Film Nanogel” Austin Journal of Nanomedicine & Nanotechnology, 8(1)ISSN: 2381-8956, PP.1-7(Jan 2020).
- Dr. Tumbanath Samantara has published a research paper entitled “Impact of Electrification and Particle Loading on Velocity Profile of Dusty Fluid Flow over a Stretching Sheet”.
- Dr. Mohammed Siddique has published 4 research papers entitled Review of “Ensemble Learning Method in Hyper-Spectral Image Classification for Agricultural Domain, Green Supply Chain Management Practices in Indian Aluminium Industries”, Optimization of Surface Roughness in Turning of Aluminium 6061 Alloy, A hybrid model of artificial neural network and particle swarm optimization for forecasting of stock price of Tata Motors.
- Dr. Swarnalata Jena has published 2 research papers entitled Analytical Treatment of unsteady MHD flow with heat and mass transfer in presence of heat source and chemical reaction, Second grade fluid flow through a porous medium in a rotating system.
- Mr. Kali Prasad Rath has published a research paper entitled Stability, Boundedness and Oscillatory Behaviour of Second Order Nonlinear Difference Equations.
- Mrs. Saubhgyalaxmi Singh has published 2 research papers entitled On a Geometric sequence ideal using Orlicz function, on Certain Generalized New Geometric Difference Sequence Spaces.
- Total 10 no of papers published in Physics department the journals notified on UGC Website.
- Dr. S. K. Biswal published a research paper entitled “Heterogeneous Catalyst Derived from Natural Resources for biodiesel” production in Indian Journal of Natural Sciences.
- Stephanie R. Vaughan, Rocío L. Pérez, Pratap Chhotaray and Isiah M. Warner “Quartz Crystal Microbalance Based Sensor Arrays for Detection and Discrimination of VOCs Using Phosphonium Ionic Liquid Composites” Sensors,20, 22 Jan 2020, pp.615, ISSN: 1424-8220.
- Prof. B. Ghadei and Prof. D. Sahu” Synthesis, spectral characterization and antibacterial evaluation of 14-memembered tetra-aza-N4 macro cyclic complex” International Journal of Research and Analytical Review, 5(3) ISSN 2349-5138.
- Mr. C. R. Rouray, Mr. S. K. Sahoo and Prof. S. K. Biswal co-authored a research paper which is accepted for Publication in Indian Journal of Natural Sciences indexed in Web of Science.
- Prof. Sarat Kumar Jena - “Shifting Focus of Politics of Representation of ‘Gender’ in Post-colonial Literature: Locating Ethnographic Narratives by Women Authors of Eastern and North Eastern India”. National Seminar on Gender, Environment and Sustainable Development. PG Department of Gender Studies, Rama Devi Women’s University, Bhubaneswar, 29 February 2020.

- Prof. Sarat Kumar Jena - "Dying Languages are Causes of Threat to Social and Cultural Ecosystem: Language Politics of Ethnographic Narratives". International Seminar on Together Towards Tomorrow: The Role of Persian, Marathi, Hindi and Other Languages for Sustainable Development. Jointly organized by Dept. of Persian, Arabic, Urdu & Islamic Studies, Dept. of Marathi and Rajbhasha Cell, Visva-Bharati, Shantiniketan. Shantiniketan (West Bengal). 22-23 February 2020.
- Prof. Sarat Kumar Jena - "Continuity of Bhakti Movement in Colonial Odisha: 'Sunnyavada' as Doctrine and Philosophy of Mahima Dharma". Eastern zone teachers Meet – Revitalization of Indian Philosophy. Jointly organized by Indian Council of Philosophical Research, New Delhi and Department of Philosophy and Comparative Religion at Visva-Bharati, Santiniketan. Shantiniketan (West Bengal). 21-23 February, 2020.
- Prof. Sarat Kumar Jena - Early Colonialism and Modernity in British Odisha: Representation of 'Tribe' and 'State' in Gopinath Mohanty's Paraja: Socio-Cultural and Political Engagement in Undivided British Koraput. ICSSR supported National Seminar on "Political Economy and Governance Reforms in Tribal Regions of Odisha: Climate Change, Culture and Development Experience" as the 27th Annual Conference of Odisha Gabeshana Chakra. Govt. College Koraput and COATS, Koraput (Odisha). January 18-19 2020.
- Dr. Ambika Sankar Mishra – "Social Media and its Impacts on Society". National Seminar organized by Achievers Foundation, Bhubaneswar at Geeta Govind Bhawan on February 16 2020.

Faculty participation in Seminars/Conferences and Symposia

- Dr. Gyanranjan Mahalik presented his paper on 44th Odisha Botanical Society and national seminar on "Green Technology for Environment Management".
- All Faculties attended a seminar which was organized by EEE department on Power Electronics control of Induction Machine in February 2020.
- Mr. Biswajit Mohapatra & Mr. Rama Prasan Dalai attended an All India Power Engineer's meet workshop in Silicon Engineering College in March 2020.

Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes:

- 5 student volunteers did an awareness drive among the students, staff, and faculties about the traffic rules and new penalties for traffic rule violation" created by the Ministry of Road Transport & Highways, Govt. of India and has announced the observance of 31st National Road Safety Week from 11th to 17th January 2020 During the awareness drive volunteers distributed pamphlets on traffic awareness and explained about the new traffic rules & penalties.
- 4 students volunteered at the Celebration of National Street Children Day on 31st January 2020 from 5 PM - 9 PM at Idcol Auditorium, Bhubaneswar. Our student volunteers coordinated different events during the function and enjoyed the event with more than 200 street children.
- 2 students Madhusmita Nayak and Mitali Sahoo visited the 16th Dhauli Kalinga Mahotsav on 11th & 12th February 20 which was held at the foothills of Dhauli Hills.
- Nearly 15 no of M.Sc. 1st and 2nd students visited IIT Bhubaneswar campus on its foundation day on 12th February 2020.
- Students of School of Pharmacy and Life Sciences attended one day National seminar on 29th February 2020 organized by School of Pharmacy, CUTM, Rayagada Campus on the theme "Nanotechnology based Drug Delivery System: Challenges and Opportunities". Faculties and students actively participated in the seminar and one of the students of 2nd year Miss. Smrutirekha Pattnaik student of 2nd year secured the 2nd position in Poster presentation.
- An awareness programme on Covid-19, Novel Coronavirus pandemic was carried out in the CUTM, campus on 13th March, 2020 to spread the awareness among the students, inmates and faculty members to maintain the hygiene to fight against Covid-19.
- 22 Students participated in extension activities with Non-Government Organisations and programmes on Art, Cinema, Media and Communication, and Gender Issues.

- Film Society of Bhubaneswar, Bhubaneswar (International Film Festival, Media Coverage)
- Jatin Das Center for Arts, Bhubaneswar (National Film Festival, Media Coverage, Cine Equipment)
- Sambhava, Mumbai (Film Festival collaborated by SoMC, CUTM Bhubaneswar campus)
- Aaina, Bhubaneswar (Short Film Competition)
- Outreach, Bhubaneswar (National Radio Fair)

4. Resource Acquisition

Faculty requirement and development:

- Department has given a proposal to management for recruitment of one faculty.
- All faculty members were advised to attend FDPs/ Seminars / Workshops /Online Courses in summer vacation.
- Professor Saban Kumar Maharana was recruited as Assistant Professor (Animation) of SoMC in the month of January 2020.
- Dr. Monali Priyadarshini Mishra and Miss. Susmita Chakarbarty has joined as Asst. Professor.

Staff requirement and development:

- Department has given a proposal to management for recruitment of one laboratory assistant and one teaching assistant.

IT Resource:

- One virtual room provided with IT resources.
- Proposal has been given to purchase committee to install new computers in faculty room and it was executed
- Faculty members were asked to install Impartus and Zoom apps to have effective online teaching and training program during the home quarantine period due to Covid-19 outbreak in India
- All the faculty members were provided the facility to turn it in to check the plagiarism for publication.
- All the faculty members were provided used id for running of Biovia software for their research work.

Lab/ workshops development (equipment & others):

- Equipment and chemicals were not procured for the laboratory in this quarter.
- New equipment and chemicals list were given to the purchase team.
- Some equipment is not working but alternate arrangements are made so that the course delivery will not be hampered.
- Half of damaged equipment were repaired

Physical Facilities:

- Proper classrooms provided to each discipline.
- New class room for M.Sc. and B.Sc. have been allotted.
- All equipment is in Functional Condition.
- Chemicals received for the previous procurement.
- Chemicals received for the Community Diagnostic Centre. All equipments are functioning well.
- We are using ARVR lab for the radiology/MLT/CMB Students

Library Facilities:

- In the Departmental library all books are there for each subject. For the upcoming academic session it was planned to procure 6 foreign author books for references.
- List of books given to the library for purchase.
- Many EEE books were Added and issued from our Departmental Library

Facility for e-content:

- E- Content was prepared by faculties of respective subjects.
- Faculty members prepared E-content of their respective subjects they are teaching in class and it was collected centrally by the university and uploaded in the website for ready reference of the students.
- Faculty members prepared E-content of their respective subjects.
- CSE, PE,MPMC, DG & MG, EMI , EM, EEM e-content was prepared by concerned faculties

5. Support and Progression

CSR Activity:

- Students participated in the Parade Competition being held for 71st Republic Day, as a part of the MSc Troop and won the First Position.
- Mousumi Tripathy M.Sc. Botany, 2nd year won 1st prize for “Rangoli Competition” organised by Painting Club, CUTM, Bhubaneswar Campus.
- Piyush Pradhan M.Sc. 2nd year won third prize for “PPT Presentation Competition” organized by Science Club.
- Arsia Tabis M.Sc. Botany participated and got 2nd prize for essay competition being held for 71st Republic Day.
- Piyush Pradhan and Pratyasha Mohanty participated as a CSR student core coordinator in celebration of World Kindness Day at CUTM, BBSR campus.
- On the occasion of Gajajyoti 2020, both M.Sc. and B.Sc. students participated in various activities and won prizes. Arpita Dash and Piyush Pradhan got 2nd and 3rd position respectively for PPT competition Chintamani Bisoe, Rajashree Mishra, Mousumi Tripathi, Krishna Kajal Rout got 2nd prize in Group Drama. Shibani Pradhan got 3rd in Spot Painting. Amrita Garnayak and Sutapa Sudipti Pradhan both got 2nd and 3rd position for the competition waste to wealth. Monalisha Panda got the 3rd prize for debate competition.
- Pratyasha Mohanty is awarded as Best Disciplined CSR Coordinator and Piyush Pradhan, Pratyasha Mohanty, Prasityaditya, Mohanty Akshaya kumar Sahoo for best coordinators of Gajajyoti 2020.
- Student of SoVET participated in the celebration of national street children day on 31st January 2020 at Bhubaneswar.
- Electrical students are going to different villages and nearby places to repair the electronics items and electrical issues.
- Students participated in parade, song and dance programmes organized for 26th January 2020.
- Students participated in song, drama and dance programmes organized for the annual day celebration of our centurion university.
- Students And Faculties participated in a ramp walk show for Gajajyoti 2020.
- Faculties played and participated in staff cricket matches.
- SoVET Boys Students Achieved The Winner Position in Kho-Kho Competition.
- SoVET student got the position in 200mtr Running Race Competition.
- SoVET Student Abhinash Behera got the 3rd Position in 200mtr Running Race Competition.
- Mr. Binayak Sahoo and Mr. Bikash Samantaray got the 2nd and 3rd positions in 200mtr Faculty Race Competition.
- SoVET faculty team won the runners up position in Tug of War Competition 2020.
- SoVET students participated in observation of Road Safety Week From 11th to 17th January 2020.
- SoVET students Volunteered in TATA STEEL HALF MARATHON on 19th January 2020.
- Students Participated in the Master Chef Competition held in University on 4th March 2020.
- All the teaching, non-teaching staff members and students pay Tributes to the Fire fighters & Public who lost their lives, Good wishes for the Injured & Sufferers for their quick recovery and Prayer for the Mother Nature to fight against Climate Change at 12.15 PM on 14th January 20 at the Volleyball ground.
- Students Participated in huge numbers at "Under 25 Summit @ BBSR campus on 20th Jan 2020.
- Annual function is also over in the month of March in which on the 1st day there is an exhibition of all departments in which Paramedics department students also participated and presented their models.

- Akash Rana, Madhusudan Jena, Renukanta Naik, Anishnarayan Puteli, Ritik Bhatta, Subhalaxmi Dash, Abhilipsa Pradhan, Abhijit Pradhan (B.Sc.) and Chandini Patel, Stutipragyan Baral, Suman Kumar were participated in the two days Samabhav Film Festival organised by the School of Media and Communication on 28th and 29th of January 2020.
- Pratikshya Upadhyay has participated in Rangoli Competition and won first prize during Annual Techfest Gajajyoti 2020 on 4th Feb 2020.
- M.Sc. and B.Sc. troop has taken part in 26th January, Republic day parade at CUTM Campus and M.Sc. troop got the best parade award.
- Students participated in the Saraswati Puja celebrated in the campus.
- Students participated in the National Science Day celebrated on campus.
- During the observance of Road Safety week from 11th to 17th Jan 2020 our students participated and pioneered for the same.
- National Youth day was celebrated on 12th Jan 2020.
- 71st Republic day was celebrated and our students won participating in different competitions.
- Road Safety week was observed from 11th to 17th Jan 2020.
- National Youth day was celebrated on 12th Jan 2020.
- Poster competition as part of CSR was conducted on Dt. 13th feb.2020 on the occasion of National Womens Day.

Awards/Medals for outstanding performance in sports/cultural activities at national/international level:

- Ghanashyam Mahakud, Sangram Keshari Sahoo and Madhusudan Jena were the members of boys Volley-ball & Kabaddi team, those who were showed their tremendous skill by lifting the the championship trophy in volleyball & runners up in Kabaddi at Parala Maharaja College of Engineering, Berhampur on 6th January 2020.
- Ghanashyam Mahakud, Sangram Keshari Sahoo were the members of the CUTM Kabaddi team lift the Ravi Shankar trophy, as the winner In the inter university championship held Sri Sri University Cuttack on 18th Jan 2020.
- Sangram Sahoo and Madhusudan Jena were the members of the volleyball boys team that lifted the volleyball championship trophy at BGU Bhubaneswar on 20th Jan 2020.
- M.Sc. students Ghanashyam Mahakud, Sangram Sahoo and Madhusudan Jena were the members of the Volleyball & Kabaddi team lift the CUTM CUP Champion trophy. Volleyball defeated Trident BBSR by 2-1 Margin. Kabaddi team defeated DRIEMS Tangi Cuttack by 52-12 margin on 25th Jan 2020.
- Sangram Sahoo and Madhusudan Jena were the members of the volleyball team that lifted the TRIDENT CUP volleyball championship, defeating IIT Bhubaneswar by 2-0 sets. The tournament was organised by Trident group of Institution, Bhubaneswar from 3rd to 4th February 2020.
- Ghanashyama Mahakud ,Sangaram Sahoo and Madhusudan Jena along with other teammates won the inter campus kabaddi and volleyball tournament held at CUTM, Raygarda campus on 10th and 11th Feb.2020.

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

- Students of SoMC participated in Republic Day Celebration on 26th January 2020, various competitions in Gajajyoti 2020, and Football and Basketball competition during annual sports meet. Students of SoMC took the lead in the function of the University Entrepreneurship Cell and organized events.

Details of campus placement:

- Sonupriya Sahu bearing registration number 180705170006, department of Botany participated and selected for placement in Intelliswift, Bangalore.
- Piyush Pradhan bearing registration number 180705170039, department of Botany selected in ICICI bank, Bangalore.
- 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. final year students got placed in Axis Bank Pvt. Ltd.
- Both M.Sc. and B.Sc. Students registered and participated in various campus drives of different companies organized by the University.
- Ananta Bijaya Rout, Satyabrata Acharya, Soumya Ranjan Lenka, Somnath Pradhan placed in Illuminati Group.
- Satyabrata Acharya, Lalit Kumar Dash, Pankaj Kumar Mandal, Vijay Kumar, Subhajit Sarangi, Jeevan Jyoti Parida, Santosh Nayak, Chinmay Barik, Biswajit Pati, Subhranta Mishra, Goutam Pallai, Soumya Ranjan Lenka got placed on High-Technext Engineering & Telecom Pvt. Ltd.
- Lalit Kumar Dash, Goutam Palai got placed on Axis bank.
- Placement drive for various companies like Topper Technologies on 20th January, Integrated Resources on 28th January, Path kind on 2nd February and Apollo Pharmacy on 3rd February 2020 was organized and more than 50 B.Pharm and D. Pharm students were selected.
- Out of 32 passed out students from SoPAHS 9 students are placed in different organisation

Students benefited by guidance for competitive examinations and career counseling:

- Two students benefited and were selected in placement. Others are preparing for CSIR NET exam, GATE ICMR and ICAR NET.

6. Leadership and Management

Professional development / administrative training programmes:

- One day FDP was organized on “Positive Classroom Behavior and Classroom Management” on 28th January 2020 where Dr. Kalpana Sahoo (Asst. Prof. Dept. of Organizational Behaviour and Human Resource Management) Xavier Institute of Management, Bhubaneswar, was invited as resource person. Dr. Sagarika Parida, Head of Department of Botany, welcomed the resource person by flower bouquet. Prof. Sahoo discussed in detail the behaviour of teachers in class. She discussed different innovative ideas to deal with today's student behaviour. In a short period, she delivered different skill to tackle current student behaviour in the classroom and how to manage the students.
- Two days Faculty Development Program on Mechanistic Organic Chemistry was held from 17th and 18th Jan 2020. All Chemistry Faculty members, along with 1st and 2nd year M.Sc. students participated. The Resource person was Dr. Satyaban Jena, former Professor and Head, Department of Chemistry, Utkal University, Bhubaneswar, Odisha.
- All the Faculty members participated in the Faculty Development Program on “Animated Spreadsheets to Enhance Learning”, held at Bhubaneswar Campus on 23rd January 2020.
- A Faculty Development Program on “Animated Spreadsheets to Enhance Learning” was conducted on 23rd January 2020. The resource persons were Dr. Sarmistha Sahu (Retd. Prof of Physics, Coordinator, Indian Association of Physics Teachers) and Dr. R. P. Sahu (Scientist ISRO; Consultant, Honeywell (Retd.)).
- Mr.Rakesh Jena.Ms.Minati Mohanty and Mrs.Sweta Das attended a FDP on "Use of Alternative and Low Cost sustainable Construction Materials and Techniques in Civil Engineering Infrastructure Projects" held at IGIT Sarang from 6th January to 10th January.
- Faculty acceleration competency track for machine learning was conducted where many of our faculties actively participated.
- MATLAB for Machine Learning workshop was arranged where some of our faculties took part
- Faculty Development Programme on Machine Learning (7th January 2020) - Prof. Deepak Kumar Barik, Prof. Swarna Prabha Jena and Prof. Debaraj Rana have attended the series Faculty Development Programme on Machine Learning at Centurion University of Technology and Management on 7th January 2020. Prof. Ganapati Panda, Ex. Deputy Director, IIT BBS was the resource person for the FDP.

- Faculty members of SPLS and SFS attended one day Faculty Development Programme organized by SPLS, CUTM on 29th January 2020 in the topic “**Skill in Knowledge**” chaired by Dr. P. K. Mohanty, Former Professor and Head, PG Department of Zoology, Utkal University, Bhubaneswar.
- 6th Chandrabhaga Poetry Festival, Konark (January 11-12 2020) by SoMC, CUTM.
- 11th Indian Film Festival of Bhubaneswar (IFFB) 2020 (January 23-26 2020) Collaboration.
- Film Festival on Gender and Violence on Women, CUTM, Bhubaneswar (January 28 - 29 2020). Collaboration.
- JD International Film Festival on Art and Artists (February 7-9 2000). Collaboration
- Sound Engineering Workshop (February 12-16 2020) by SoMC, CUTM, Bhubaneswar.

Teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes:

- Dr. Susanta Kumar Biswal attended the NAAC assessor’s orientation program conducted by NAAC, Eastern Zone held at KIIT Deemed to be University, Bhubaneswar, Odisha, India on 27th and 28th Feb.2020.
- Prof. Deepak Kumar Barik has been invited by Odisha School Education Programme Authority (OSEPA) as Jury Member to 8th State Level Exhibition and Project Competition held at Govt. Boys High School Unit-1, Bhubaneswar from 21-22nd January 2020. In the event 142 participants were selected from DLEPCS for the selection of NLEPC.
- “Marketing Strategies in the Digital Era” was organised by the School of Management on 22.02.2020. About 15 numbers of participants participated from various colleges of Odisha and Chhattisgarh.
- Faculty members of SoPLS attended one day Faculty Development Programme organized by SPLS, CUTM on 3rd February 2020 in the topic “**GMP and cGMP**” chaired by Mr. Devraj Biswal, Assistant Managers Laboratories Pvt Ltd., Hyderabad.
- Prof. Gautam Maity, Dr Ambika Sankar Mishra, Prof. Sarat Kumar Jena, Dr. Md Ameer Pasha, Prof. Chinu Bohidar and Prof. Saban Kumar Maharana attended FDP on “Sound Engineering” organized by SoMC at CUTM, Bhubaneswar campus (Resource person: Girish Patro, February 12-16 2020).
- Dr. Ambika Sankar Mishra, Prof. Sarat Kumar Jena and Prof. Chinu Bohidar attended Faculty Development Programme on ‘Gender and Cinema’ conducted by Professor Chandrabhanu Pattanayak at CUTM, Bhubaneswar. January 28th – 29th 2020.
- Prof. Kapileswar Mishra attended a three days workshop on "From Knowledge to Action: A Vision for Resilient Rural India " held at IIT Bhubaneswar from 7th January to 09th January 2020.
- On 31st January there was a presentation on” on Climate Change Resilience: A Case for Human-Computer Collaboration in Solving Humanity’s Most Urgent Threat” by Dr. Meghna Babbar-Sebens Associate Professor of Water Resources Engineering in the School of Civil and Construction Engineering, Oregon State University, USA at seminar hall of main building of CUTM, BBSR at 11 am.
- Workshop on “3D Modeling Software" Sketchup" conducted on 27th February 2020 by Mr. Yashwant Giri on 10am at seminar hall ,Main building CUTM BBSR.

7. Values and Best Practices

Strategic Plan:

- It is decided to have online mock tests for M.Sc. and B.Sc. students (Botany) for even semester preparation.
- More emphasis will be given for research and publication.
- Planning to organize FDP and seminar.
- To increase the number of research publications within these six months so as to have a good score in NIRF.
- To give Training to all faculty members in python, Biovia and other software tools for meeting industrial competency and high quality research publications.
- To increase the number of research publications.

- To introduce python, Biovia software tools in the curriculum so as to improve the learning quality of students.
- Planning to finalize the postponed National Conference on Advanced Materials and Technology 2020 (AMT-2020) after Covid-19.
- 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 modify the B.Sc. and M.Sc. syllabus by introducing new skill and domain courses.
- Arrange more pre-placement training for interested students for marketing and other Jobs.
- Organization of existing syllabus of BAMC and MAMC, Introduction of new UG course on Digital Arts, New Digital Platform. Digital Conversion under Progress.
- Extension of Media Laboratory and Conversion to Digital Platform with existing traditional media facilities.
- Digital conversion has taken place in SoMC - Digital Filmmaking, Game Asset Development, AR VR Deployment of CUTM BBSR Tour, Hands on Training for World Skill Championship, Blended Learning Development with Gram Tarang, CUTM and Gram Tarang website development, NISER - 3d Animation Movie Project, Increasing number of participants in Media and Communication / Digital Media branch of SFS courses in CUTM.
- Writing of Syllabus for the upcoming BADAS course was completed (March 2020).
- SoMC is planning to showcase its new courses on Digital Media to students of foreign countries.
- IGBC is going to provide student training on "Green Building" in January.
- A Student Development Program on QGIS has been planned to be conducted on 9th Jan 2020 in Civil department

Community engagement:

- On 31st January the students of M.Sc. & B.Sc. Botany celebrated National Street Children Day at IDCOL Auditorium, Bhubaneswar. Our student volunteer coordinated different events during the function and enjoyed the event with more than 200 street children.
- On 16th February, as CSR activities, our students from MSc & B.sc Botany visited and enjoyed the weekend Activities at Bhagabanpur Village, Patrapada. As part of the visit, an Awareness Campaign & a Street Play was organised on the theme "Beti Bachao Beti Padhao" in association with Aama Ghara Children's Home.
- Electrical Students are going to different villages and nearby places to repair the electronics items and electrical issues.
- SoVET students visited and performed at Ama Ghara, Patrapada working for the care of orphan childrens.
- SoVET girl student joined Special Police Officer in January 2020.
- Both B.Sc. and M.Sc. students visited the Asha Kiran Home to share their love and affection towards the inmates on 26th Jan 2020.
- Both B.Sc. and M.Sc. along with our faculty Dr. Arun Kumar Pradhan visited to AMA GHARA, Patrapada, Bhubaneswar (Working for the Cause, Care & Concern of the Children of Mentally Ill & Mentally Challenged Destitute Women) along with other students and spend two hours with the kids. To commemorate National Girl Child Day a poster making activity on the theme "Beti Bachao, Beti Padhao" was organized. All Centurions were divided into groups along with inmates of Ama Ghara for making posters on the theme. An awareness show with the posters was arranged thereafter in the vicinity. We have contributed an amount of Rs. 10,000/- along with lots of sweets, biscuits, chocolates and food items to the inmates. All the staff members along with other guests present over there appreciated the contributions of Centurion University for the social cause.
- A free drug distribution and health camp was organized by School of pharmacy and life sciences in association with SoAHS (Paramedics) on 1st March 2020 at Panchayat Samiti., along with 7 pharmacy students of SPLS celebrated the weekend in a unique way from 10am to 2pm by conducting various

health check- up with the help of doctors from SOA and SCB medical college. All the members of Panchayat Samiti present over there appreciated the contribution of Centurion University for the social cause.

- SoMC will develop its Community Engagement (Extension) Services based on social responsibility, development communication, Media as social institution, media literacy, gender and communication.
- 11 no's of Health check-up programme was organised in School of Paramedics and Allied Health Sciences for the DDU- GKY students from Gram Tarang , Organized a health camp at Janla Panchayat

Consultancy:

- There was a meeting at the departmental level to apply for more projects to different funding agencies.
- The Community Diagnostic Centre was inaugurated on 26th January. Community Diagnostic Centre got its Registration No-. 38/ 2019/ Khordha under the clinical establishment act.