



**Centurion University of Technology and Management
Odisha
IQAC Minutes of Meeting (July –September 2020)**

DATE: 30.09.2020

TIME: 3.30 p.m.

VENUE: ONLINE MODE

MEMBERS PRESENT:

Sl. No.	Name of the Member	Designation	IQAC
1	Dr. Supriya Pattnayak	Vice-Chancellor, Head of the Institution	Chairperson
2	Dr. Anita Patra	Registrar	Member
3	Mr. Ramakrishna Raju	BREDS NGO	External Member
4	Mr. Rakesh Sharma	Student, Regd. No. 190301120079, B.Tech. CSE	Member
5	Ms. SVJ Sirisha	Student, Regd. No. 190804130016, BSc. Agriculture	Member
6	Mr. Manoj Nayak	Alumni, Principal Consultant – IOT, Infosys, Bangalore	External Member
7	Mr. Parvesh Soni	Employer, CEO, SKH Group	External Member
8	Mr. Babu Shankar	Industry person, MD GT Tech	External Member
9	Prof. D N Rao	Vice-President, CUTM	Member
10	Dr. Dipankar Bhattacharyay	Dean SoAS	Member

11	Prof. K V D Prakash	Dean IQAC	Member Secretary
12	Mr. Debasish Panda	CFO	Member
13	Dr. Durga Prasad Padhi	Director Administration	Member
14	Mr. Chitta Pattanayak	Sr. Manager Admin. & HR	Member
15	Dr. Prasanta Kumar Mohanty	Dean, Academic	Member
16	Dr. Satya Prasad Nanda	Dean, Admin. (MSSSoA)	Member
16	Dr. Prajna Pani	Professor in English, Paralakhemundi Camus	Member
17	Dr. Nitesh Badgayan	Dean, SoVET	Member
18	Dr. Atanu Deb	Dean, Students Affair (Paralakhemundi Campus)	Member
19	Dr. Sangram Keshari Swain	Dean, Student Welfare (Bhubaneswar Campus)	Member
20	Dr. Ramesh Ch. Mohanty	Professor in Mechanical Engg, Bhubaneswar Campus	Member
21	Dr. Umakanta Nayak	Dean, School of Management, Bhubaneswar Campus	Member
22	Dr. Girish Prasad Rath	IQAC Coordinator, Assistant Professor in English, Paralakhemundi Campus	Member
23	Dr. Gitanjali Behera	Associate Dean, SoABE	Member
24	Dr. Sambid Swain	Associate Dean, Fisheries	Member
25	Dr. Padmaja Patnaik	Associate Professor in Physics, Bhubaneswar Campus	Member
26	Dr. Dojalisa Sahu	Associate Professor in Chemistry, Bhubaneswar Campus	Member
27	Mr. Himansu Bhusan Samal	Associate Professor, SoPLS	Member

28	Mr. Prabhat Kumar Patnaik	Assistant Professor in ECE, Paralakhemundi Campus	Member
29	Mr. Sunil Biswal	Chief Librarian	Member
30	Dr. Kamal Kumar Barik	Assoc. Professor & HoD, Civil Engg, Bhubaneswar Campus	Member
31	Dr. Jayakishan Meher	Academic Coordinator, Bolangir campus	Member
32	Mr. Somanath Sarangi	Principal, SoAS, Bolangir Campus	Member
33	Dr. Chandra Sekhar Patro	Principal, School of Pharmacy, Rayagada Campus	Member
34	Dr. Jyoti Sayantani	Director, Quality Assurance & Examination	Member
35	Dr. Tapas Bantha	Research Scholar, SoM, CUTM	Member

With due permission of the Chairperson, Prof. KVD Prakash, Dean IQAC and Member Secretary, welcomed all the members of the IQAC to the meeting. He explained the importance and role of IQAC and placed the minutes of the last IQAC meeting along with the Action Taken Report on the decisions taken in the last meeting. The campus wise IQAC meeting minutes were presented by the respective IQAC coordinators of the campuses (Campuswise IQAC minutes attached as annexures). The members were requested to share their views and recommendations on Curriculum Improvement, Teaching and Learning Methods, Research and Development, Examination and Evaluation system and Student Support and Progression.

Discussions were held as per the agenda mentioned below:

Agenda No.1: Confirmation of minutes of the last meeting held on 3rd July,2020

Resolved that the minutes of the IQAC meeting held on 3rd July,2020 were read and confirmed.

Agenda No.2: Preparation of AQAR for the year 2019-20

A review of the preparations so far was done and improvements and modifications in the presentation of information were suggested.

Agenda No.3: Quality Improvement Initiatives

As per discussion in the Research review meeting, each faculty need to publish at least 3 papers in reputed journals.

Faculty were asked to upgrade their skill competency by completing various courses in Courseware.

Many e-contents were prepared and posted on CUTM Courseware. The same was reviewed by the Senior Management Team and suggestions were given for improvement.

Virtual labs were also tried to make students able to do labs through open platforms and remote desktop facilities.

Faculty have prepared Doodly and Adobe spark videos related to all certification, domain, and branch specific courses

All the faculty members are actively involved towards contributing for their respective research center and all are given time till mid- November to focus on capacity building through attending online FDPs, enrolling and pursuing online courses at Coursera, Udemmy etc.

Faculty members were trained to take online classes on the Impartus platform

Faculty Award would be announced on Teachers Day every year in an event called "Provost's Research Conclave", from 2021 onwards.

Agenda No.4: FDPs and SDPs

SDPs, seminar, and webinars were organised at the department level. Students were involved in writing assignments, online presentations and writing project work.

The faculty of various schools participated in FDPs, Seminars, Conferences and Symposia.

(Annexures attached for campus wise details)

Agenda No. 5: Research Centers

Research Centers were formed to focus on collaborative research, consultancy and projects.

All Research centers should work to produce Patents, Projects and engage in Revenue generation.

Agenda No.6: Stakeholders' Feedback

A Pre Board of Studies on 2nd July 2020 to summarize the feedbacks received from different stakeholders and initial discussion

The Board of Studies was conducted online on 11th July. 64 external members and 54 internal members shared their opinion for designing the syllabus

Agenda No.7: Any other item with the permission of the Chair

Plan of action based on Academic Audit Report of 2019-20 was discussed. It was decided that the Deans/HoDs will plan a course of action for their respective schools/departments to address the shortcomings and work upon the recommendations.

It was considered to update <http://courseware.cutm.ac.in> with all learning materials. The courseware is digitally aligned to facilitate online learning. All core and domain courses were updated.

It was decided that the Learning Records for all theory and practice courses need to be verified (random samples) by Deans. Students were instructed to send updated learning records online.

It was decided to conduct internal assessments centrally with one online written examination and one online presentation. This change has been made keeping in view the Covid -19 Outbreaks.

Students have registered in SFS (Skill for Success) course and they are pursuing the skill courses along with their core courses as well. Job readiness training is also being provided to the students completely in practice mode which is of six credits and it has been made compulsory for all students.

Placement training is being imparted through the MyPerfectice platform. Review meetings regarding placement activities are being held regularly.

Mentors are frequently interacting with students and parents and informing them about online classes. Academic updates and personal problems of mentees are intimated to the parents.

The orientation program for 1st Semester students of the academic year 2020-21 was conducted from 21-30 September, 2020.

The meeting was concluded with vote of thanks to the Chair.



Dean, IQAC
Member Secretary



Vice-Chancellor
Chairperson



Centurion University of Technology and Management, Odisha

Minutes of the IQAC Meeting, Parlakhemundi campus

Date: 28.09.2020

Time: 3.30 p.m.

Venue: Online

1. Dr. Anita Patra, Registrar
2. Dr. S.P. Nanda, Dean ,Admin(SoA)
3. Dr. P.S. Rao, , Dean SoET (R&D)
4. Prof.Sandipan Pine ,Deputy Registrar (Admin.)
5. Mr. S. Kameswara Rao, Deputy Registrar (T&PPlacement)
6. Prof. Prabhat Pattnaik, ECE
7. Prof. Vishal Kumar Singh, HoD, Civil Engg.
8. Prof. Sasi Bhusan Maharana, HoD, CSE.
9. .Prof.Subhendu Mishra, PGP Coordinator (SoM)
10. Mr. A. Rama Krishna Raju, Nominee from Society.
11. Dr.Girish Prasad Rath, IQAC coordinator.

Agenda and Action Taken:

CONSIDERED the minutes of the previous meeting of IQAC and since no corrections /
Objections were raised the minutes are ratified

1. Admission

- Based on the admission data it was considered to emphasis on students placement and each faculty were requested to focus on admission of students through career counseling.
- Considered: Centurion University Entrance Examination (CUEE 2020) was conducted online .
- Leaflet were distributed in various exam centres (JEE Main , NEET, EMCET) in Odisha,Bihar, Jharkhand,Andhra Pradesh, Telengana .
- The Admission team was busy with other activities like online counseling, Online document verification and provisional admission .

2 Teaching and Learning

- Course Progress of 5th,3rdand 1st Semester reviewed and progress found to be good
- Videos to be created using Doodly and Adobe Spark (after initial development of sample videos , domain courses videos to be developed)
- Vlab developed for uploading E-Lab records
- Considered to enroll students in Job Readiness course work.
- Considered to update <http://courseware.cutm.ac.in> with all learning materials. The courseware is digitally aligned to facilitate online learning. All core and domain courses updated.
- Online Classes of SOM and SOMC commenced from July 17th.
- IELTS sessions are being conducted for students
- Considered for Higher Studies. Coaching for NET/GATE/JAM/JEST would be provided in coming semester
- Considered: Learning Records for all theory and practice courses need to be verified (random samples) by Deans. Students were instructed to send updated learning records online.

3. Assessment

- All domain coordinators need to do assessments, Review of Domain projects through External Persons.
- Considered to conduct internal assessments centrally with one online written examination and one online presentation. This change has been made in keeping the view of Covid -19 Outbreaks.

4. Student Training

- Placement training going through MyPerfectie platform
- Sessions on "Leading a Purposeful Life" conducted from 14th to 18th August 2020.
- Kiran kumar padhy(170101130026) selected in Unschool Internship Program

- Students participated “Unlocked in Locked down” event
- Students of MBA (DM) at Paralakhemundi campus have undergone Summer Internship Program (SIP) in various renowned organizations including Bank of Baroda.
- Students of MBA (ABM) at Paralakhemundi campus have undergone Summer Internship Program (SIP) in various renowned organizations including Tropical Agrosystem (I) Pvt. Ltd., Extramarks, Unschool etc.
- Students of BBA at Paralakhemundi campus have undergone Summer Internship Program (SIP) in various renowned organizations including Orient Electric Pvt. Ltd., Bhutan Development Bank Ltd., Muskurahat Foundation, Tuto Raj, Brands!mpact, Sapne, Youth Empowerment Foundation, New Barrackpore Nevachetna Welfare Society etc.
- MBA (DA) students have been given the task of developing ERP dashboard by using their data analytics skills. During COVID when there are limitations for internship, CUTM has taken innovative steps for unleashing their skills.
- All students were advised to take the training for AWS platform. Every Monday from 10-3.pm students need to attend the training program.

5. Strategic Plan

- Research Centers are formed to focus on collaborative research, consultancy and projects.
- All faculty were advised to use Big Blue Button Platform online interface to do onlineclasses.
- All students have been informed to complete their registrations before 10th July 2020.
- Considered to conduct the Lab Practices/ Project though 3D experience / Virtual LAB forthe registered subjects.
- Considered to counsel students who have less attendance through mentoring.
- Considered : All Research centers should work to produce Patents, Projects and Revenuegeneration.
- Considered to Conduct a Pre Board of Studies on 2nd July 2020 to summarize the feedbacks received from different stakeholders and initial discussion.
- The Board of Studies was conducted online on 11th July. 64 external members and 54internal members shared their opinion for designing the syllabus

6. Job preparedness

- ELTS baseline test on Reading was conducted for all Job Readiness registered studentson 23 July 2020

- ELTS baseline test on Writing was conducted for all Job Readiness registered students on 24 July 2020
- Aon CoCubes || Diagnostic Career Test Program for 2021 SoET Graduating Batch was conducted on Aug 1, 2020 .
- Aon Cocubes Pre assess was conducted on 23 Aug 2020 for SoET 2021 Graduating Batch.

7. Culture, Sports and Responsibility (CSR)

- Independence Day was observed on 15th Aug in the campus following the COVID19 rule.
- Online workshop on Madhubani painting was conducted for all campus on 15th Aug. 56 participants attended .
- “Unlocked during Lockdown “ 11 Online programs were conducted for all campus. 170 students participated.
- Engineer’s Day was celebrated online . A speech competition was organized on “ Science can amuse and fascinate us all, but it is engineering that changes the world”

8. Placement

22 companies conducted interviews online and selected 33 students.

INNOCULE CAMPUS, BANK OF AMERICA, Max Bupa, USPAY, Extramarks Campus , Goldman Sachs, Xuntox Soft Tech Private Limited, Apollo Hospitals Enterprise Ltd, Iigma Electric Manufacturing Corporation Pvt. Ltd, RK Infosystems campus , F13 Technologies, Hexware Technologies, MetricStream, Bajaj Capital Ltd, Accolite Hiring Challenge, JARO EDUCATION , AABSyS , Annapurna Finance, PinClick India, SUBEX Campus Hiring , Hexaware Technologies, CISCO, iB Hubs Campus.

9. Management Development Programs/ FDPs

- Prof. Sadat Ali and Dr. Satyanarayan Dhal presented on “Machining Facilities, Hydrophobic Nanomaterials” on 1st July 2020 . 234 faculty across the campus attended the FDP online.
- Mr. J K Rath presented on “MECHEM COMPOSITES” on 2nd July 2020 . 186 faculty across the campus attended the FDP online.
- Dr. Pushpalata, Dr. Praveen presented on “Biofertilizer Biotechnology Tissue Culture” on 3rd July 2020 . 195 faculty across the campus attended the FDP online
- Dr. Prasanta Rath presented on “Table Top Accelerator” on 4th July 2020 . 221 faculty across the campus attended the FDP online.
- Dr. Narayan Gouda presented on “Biodiesel” on 4th July 2020. 221 faculty across the campus attended the FDP online.
- Sun Moksha, ITC, IFFCO , Dr Sahoo of IARI, Dr Ramana Rao and Abhishek of General Aeronautics delivered a talk on “Agriculture” on 7th July 2020 . 205 faculty across the campus attended the FDP online.

- Dr Sivala Kumar presented on “Agriculture Engineering” on 8th July 2020 . 198 faculty across the campus attended the FDP online.
- Faculty Group presented on “Research” on 9th July 2020. 162 faculty across the campus attended the FDP online.
- Dr. Amiya Singh, Mr. Abhi Mitra, Dr. Padmaja Patnaik presented on “Adobe spark tools and Doodly tools” on 13th July 2020 . 236 faculty across the campus attended the FDP online.
- Md. Debaraj Rana and Ms. Jeevaratnam presented on “ROS” on 14th July 2020 . 195 faculty across the campus attended the FDP online.
- Ansuman Dalai presented on “Orientation to Gaming Solution” on 15th July 2020, .210 faculty across the campus attended the FDP online.
- Prof. Govindarajan presented on “What a Brand gives” on 17th July 2020 . 240 faculty across the campus attended the FDP online.
- Mr. Damodaran Subramaniam, Managing Director, Safran Engineering Services presented on “Resilient Leadership: Ensuring future readiness by exploring new opportunities during this time of Uncertainty” on 18th July 2020 .225 faculty across the campus attended the FDP online.
- Prof. K V Kalyan discussed on “course registration and implementation” on 20th July 2020. 210 faculty across the campus attended the FDP online.
- Prof. K V Kalyan presented on “E lab note Doodly_Adobespark” on 21th July 2020 .215 faculty across the campus attended the FDP online.
- Mr.S.Mukherjee presented on “ Bio-Filter” on 22th July 2020 .210 faculty across the campus attended the FDP online.
- Prof. Govindarajan delivered a talk on “How to do effective teaching” on 23th July 2020. 235 faculty across the campus attended the FDP online.
- Prof. S B Moharan & Team presented on “How to use the E Lab record” on 24th July 2020 .195 faculty across the campus attended the FDP online.
- Dr. Trilochan Mohapatra, DG ICAR delivered a talk on “Discussion on Road Ahead” 25th July 2020. 245 faculty across the campus attended the FDP online.
- Mr. Sujit Mishra presented on “Simulation Techniques for FEM/FVM cases” on 27th July 2020 to 01 Aug 2020. 15 Faculty attended the FDP online
- Mr. Deepak & Ms. Yeswashi presented on “Gooodot.in related to vegan meat” on 28th July 2020 .210 faculty across the campus attended the FDP online.

- Prof. D.N.Rao reviewed of the videos developed by Faculty members using Adobe Spark and Doodly 29th July 2020. 240 faculty across the campus attended the FDP online.
- T & P cell presented on “Job Readiness training “ on 30th July 2020 . 230 faculty across the campus attended the FDP online.
- Prof. D.N.Rao presented on “How to go about the Research and Application areas” on 31th July 2020. 194 faculty across the campus attended the FDP online.
- Dr. Kumar Abhishek presented on “Skin manifestation of COVID 19’ by a doctor” on 1st Aug 2020 .220 faculty across the campus attended the FDP online.
- Dr. PV Parvati Sai Arun presented on “Genomic approaches for bacterial blight management in commercial crops” on 3rd Aug 2020. 185 faculty across the campus attended the FDP online.
- Dr. Sangram Samal, Mr. Nilamadhan Das and Mr. Debasis Sahu presented on “Reduction of Wing Tip Vortex by using Active and Passive Techniques” on 05-Aug .171 faculty across the campus attended the FDP online.
- Dr. Vijay Muditina, Dr. Nilamadhan Das and Dr. R C Mohanty presented on “Research” on 06-Aug .165 faculty across the campus attended the FDP online.
- Dr. Jharana Majumdar presented on “Image Processing to Computer Vision” on 10-Aug
- .171 faculty across the campus attended the FDP online.
- Dr. Jharana Majumdar presented on “Image Processing to Computer Vision” on 11-Aug 165 faculty across the campus attended the FDP online.
- Dr. Jharana Majumdar presented on “Video Processing” on 13-Aug .158 faculty across the campus attended the FDP online.
- Dr. Sekhar Majumdar presented on “CFD” on 17-Aug .165 faculty across the campus attended the FDP online.
- Dr. Shekhar Majumdar presented on “Turbulence Fluid Dynamics” on 18-Aug .167 faculty across the campus attended the FDP online.
- Team from Burlington English presented on “Burlington English” on 19-Aug . 170 faculty across the campus attended the FDP online.
- Dr. Tapan Kumar Rout presented on “Science and Engineering: Drive for Innovation” on 20-Aug. 187 faculty across the campus attended the FDP online.
- Siddharth & Rohan presented on “Blockchain” 21-Aug 153 Faculty attended the FDP
- Dr. Jharana Majumdar presented on “ VIDEO PROCESSING” on 24-Aug. 169 faculty across the campus attended the FDP online.

- Dr. Jharana Majumdar presented on “ Video Image Processing” on 25-Aug .165 faculty across the campus attended the FDP online.
- Mr. Mangesh Desai presented on “ Coal Briquettes from Agriculture Waste” on 26-Aug .155 faculty across the campus attended the FDP online.
- Prof. D.N.Rao discussed on “Developing Certificate courses” on 28-Aug .165 faculty across the campus attended the FDP online.
- Prof. D.N.Rao reviewed of “WebPages research.cutm.ac.in” on 29-Aug .171 faculty across the campus attended the FDP online.
- Mrs. Chinu Bohidar presented on “Educational Technology: Challenges and Opportunities” on 31-Aug. 170 faculty across the campus attended the FDP online.
- Dr. J K Jena, DDG (Fisheries), ICAR presented on “Indian Fisheries and Perspectives” on 01-Sep .223 faculty across the campus attended the FDP online.
- Dr. R.C.Mohanty and Dr. Sujata Chakravarthy presented on “Writing of a good scientific paper and Selection of a suitable journal” on 10-Sep .90 faculty across the campus attended the FDP online.
- Dr. R.C.Mohanty and Dr. Sujata Chakravarthy presented on “Writing of a good scientific paper and Selection of a suitable journal” on 15-Sep . 58 faculty across the campus attended the FDP online.
- Mr. K.V. Kalyan presented on “ Big Blue Button for Online Teaching” on 18-Sep. 97 faculty across the campus attended the FDP online.
- Mr. Chakravarty Kannan, Sr. Vice President, Mahindra presented on “Aspiring high to rise in the VUCA World”. 26-Sep 138 faculty across the campus attended the FDP online.
- Dr. Debi Prasad Satapathy was invited as a Resource Person for 7-Days Online Faculty Development Programme on ‘Research Methodology and Statistical Data Analysis through SPSS’. JUNE 22-28, 2020 Organized by ‘Faculty of Management Studies ICFAI University Tripura.
- Instructional Workshop on Appearance Platform. was conducted by EduTech & Skill Tech team on 25th Sept.2020.

10. Research and Publication.

- Research Centers for the interested faculties groups have been created and inaugurated on 15th August, 2020 to meet the goals in Research and Development works
- **26 research centers were engaged in publishing journal articles , book chapters, research and patents**
- Center for Computational Mathematics, Center for AI& Robotics, Center for Space and Earth Sciences, Center for Lasers, Center for Data Sciences, Center for New Materials, Center for Medical Diagnostics, Center for Phytopharma, Center for Genetics and Genomics, Center for Drug Design, Center for Agriculture Production, Center for Smart

Agriculture, Center for Aquaculture. Center for 3DS Applications, Center for Smart Mobility and Machines, Center for Chip Making, Center for Bio Electronic Devices, Center for Communication Technologies, Center for Smart Infrastructure, Center for Digital Manufacturing, Center for Waste to Wealth, Center for Innovation & Entrepreneurship, Center for Productions, Center for FinTech, Center for Edutech, Center for Governance and Sustainable Societies.

- Center for Innovation and Entrepreneurship (CIE) Centurion University, conducted a webinar on "Challenges and Opportunities for Entrepreneurs in the new normal during and Post Pandemic" on the eve of Teachers Day on 5th September from 5PM onwards

11. Alumni Engagement

Mr. K.Girish of 2011 batch interacted online with students on 8th August 2020.

12. Faculty Welfare

Considered: **Faculty Award** would be announced on Teachers Day every year in an event called "Provost's Research Conclave", from 2021 onwards.

The Meeting ended with a vote of thanks to the chair.

Anita Patra Goswami

Subhendu P.



**Centurion University of Technology and Management
Bhubaneswar Campus
IQAC Minutes of Meeting (July –September 2020)**

Date : 29th Sep2020

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. Dr. UmakantaNayak (Dean SoM)
5. Prof. PragyanParimitaDebata (HoD, Mechanical)
6. Dr. Kamal Kumar Barik (HoD, Civil)
7. Dr. Sujata Chakrabatty (HoD, CSE)
8. Dr. Subrat Kumar Pradhan (IQAC Coordinator ECE)
9. Dr. Ramaprasana Dalai (IQAC Coordinator EEE)
10. Dr. Dipankar Bhattacharyay(Dean, SoAS)
11. Dr. AtiaArzoo (HoD,Chemistry)
12. Dr. TumbanathSamantara(HoD,Mathematics)
13. Dr. Amiya Singh(Dean, SoVET)
14. Dr. NibeditaNayak(IQAC Coordinator Physics)
15. Prof. Sunil Kumar Jha (Dean SoPAHS)
16. Dr. SaratKumar Jena (IQAC Coordinator SoMC)
17. Dr. Yashaswi Nayak(HoD, Zoology)
18. Dr. Rukmini Mishra (HoD, Botany)
19. Dr. Gurudutta Pattanayak (Dean, SoPLS)

Agenda & Plan of Actions to be taken

- Student Admission Related

- Teaching and Learning
- Research and Publication
- Resource Acquisition
- Support and Progression
- Leadership and Management
- Values and Best Practices
- New departmental responsibility list was published.

- Discussed about subject allotment to faculty member
- Research review meeting was carried out and as per discussion each faculty needed to publish at least 3 papers in a reputed journal.
- Special attention to slow learners based on 1st internal mark.
- Course progress report was sent to Dean Academics for each subject.
- Mapping and identifying various files as per new criteria at the department level.
- Keep on updating the NAAC files regularly.
- Due to Covid-19, classes are going on online through Impartus.
- All students were intimated about the new course structure and were instructed to register for 3 core subjects along with the Domain subject.
- Some online class overlapping issues were identified and faculties were advised to sort out the issues by proper ERP Configuration.
- All faculties were asked to submit their course progress report on a weekly basis and also a Google sheet was circulated to fill it up.
- All professors were suggested to take extra remedial classes for newly registered students to complete their syllabus in stipulated time and also advised to mention the schedule for all extra classes' timings and number of classes required for it.
- All professors' research progress was discussed and different ideas were suggested to complete their targeted publications as soon as possible.
- All professors were asked to continue their tutorial classes and suggested to inform the timing and status of the tutorial class.
- All professors were suggested to evaluate their student's E-Lab record and provide the status about that.
- All mentors were suggested to check the Credit requirement of final year students and monitor their mentees credit calculation such that they won't face last moment credit shortage problems.
- All Professors were suggested to Conduct MCQ Practice test for their theory subjects (through google Form) before the commencement of 1st internal exams for the students.
- Faculties were asked to stay at home and maintain a 8hrs of Work in a timesheet by doing various online activities.
- Faculties were asked to upgrade their skill competency by completing various courses in Courseware.
- Updating (Mapping and Identifying) of the NAAC files as per the availability of data as per the new criteria at the departmental level.
- First internal examination of the odd semester was conducted and completed in online mode in the month of August 2020 through Cocubes platform.
- Un-registered students were followed-up and the authorities supported the students with permitting them to clear dues at a later date with flexibility of instalments.
- Stakeholder feedbacks were collected online from students, alumni, parents, Industries and Faculties on the curriculum followed for the BOS.
- BIRAC proposal submitted with Team during August 2020.
- E-Lab Records were implemented for students to submit their learning.
- Introduction of Big Blue Button.
- Timesheet app made mandatory to report the working of minimum of 8 Hours per day.
- New targets of Publications, Patents and Projects were discussed.
- Many e-contents were prepared and posted on CUTM Courseware.
- Virtual labs were also tried to make students able to do labs through open platforms and remote desktop facilities.

Admission related

- Admission coordinators were advised to design departmental activity templates.
- Total booking of students under the SoMC for new session : 09
- Handled by the admission team with due coordination of Team of faculty members from SoVET.
- For the pandemic situation Admission of the new batches was delayed.
- The University authorities advised to take proper measures to avoid physical contamination during admission. If possible maximum work should be done online.
- BSc, M.Sc, M.Phil and PhD students got admitted.
- Online orientation of the revised syllabus for B.Sc (3rd and 5th sem) and M.Sc (3rd Sem) students were conducted.
- For the on-going 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.
- In This quarter as students are not available in campus/class we are unable to perform any kind of group activity (workshop/career counseling).But the Dept. faculties are connected with the admission team throughout this admission season, and giving counselling as well as clearing doubts of interested candidates over phone whenever required.
- For West-Bengal region we are connected with Mr. Sourjabrata Ghosh(Admission In charge, West-Bengal)
- For Odisha we are connected with Mr. Ghanasyama Jena(Admission In charge, Odisha)
- Admission – Total booking of students under the school for new session : 90+ for BBA program and 60+ for MBA Program (Central Admission Team data)
- The University authorities advised to take proper measures to avoid physical contamination during admission. If possible maximum work should be done online.
- Department authorities were in touch with the admission team every time when necessary to solve any admission related query asked by guardians.
- 4 no. of EE/EEE students and 2 no. of Lateral entry students have got admission for this academic year.

Teaching and Learning

- All the faculties have gone through online classes virtual impartus and big blue button due to covid 19 in the month of March.
- All courses to move to minimum Theory-Practice or Project made
- All the faculties have prepared doodly and Adobe spark videos related to all certification, domain, and branch specific courses.
- Have as many simulations/ v labs as part of it
- Video recorded lectures to be made available to students for content (about 50% of the course time) as a backup in a semester time
- All courses to have minimum 20% online delivery
- All classes are going on smoothly according to the new syllabus and attendances of students are given according to online attendance.
- Online presentation of lesson plans by faculty members completed for the assigned subjects in presence of the Dean and HoD of the department.
- Time-table prepared for the odd semester for 17 weeks (as per the academic calendar hosted in the CUTM website)
- PhD progress seminar presentation done virtually for all existing PhD scholars of the department in presence of HOD, Physics, faculty members and supervisors.
- External Examinations for laboratories were conducted.
- The department has revised the syllabus for the 2020-2021 academic sessions and introduced many advanced subjects and domain courses like Data Science and Machine learning, Cloud Technology, AR/VR and Cyber Security.
- All the faculties developed the course content and session plan for their respective subjects and published it in courseware.cutm.ac.in. This website also contains the curriculum, the method of teaching and evaluation. Students are having open access to this website. Academic calendar and the detailed syllabus and regulations are published on our university website.
- The department has conducted orientation programmes for the first-year students to familiarize them with the opportunities available at the university and its expectations from them.
- Student Feedback is also collected on teaching and learning by the HOD and is communicated to the respective faculty members to bring further improvement in weak areas.
- Faculty development programmes targeting the personal and professional growth of the faculty are organized on a daily basis (2hrs/day) during July to September.
- The faculties are given remedial classes to students who are having backlogs in core subjects.
- Video recorded lectures to be made available to students for content (about 50% of the course time) as a backup in a semester time.

Assessment

- Class test1 and internal evaluation had been completed online.

- Students are accessed by internal and external examination, project and assignment in online mode. Students attended their final examination by online mode.
- It was conducted in online mode. The result was shared to the concerned students on 15th September 2020 through their College mail id.
- EOD practical examination of even Semester was conducted as per the schedule released from examination cell.
- At present students are preparing for the second internal assessment which will be in the form of PPT presentation in online mode.
- The University updated some examination policy, attendance rule and evaluation procedure for all type of subjects which is notified to the students in advance by the registrar of the University through a notification. This is also available on the website (courseware.cutm.ac.in) for the students reference
- The courses to be taught in this semester have been uploaded in the courseware and faculty members are following the guideline and the syllabus developed and uploaded for teaching online.
- Orientation programmes for both B.Pharm 1st Semester and D.Pharm 1st year is going on through Google meet app with numbers of resource persons from both industry and academia.
- Students are preparing for the second internal assessment.
- Virtual labs for students are conducted for subjects were feasible.

Student Performance:

- Mentors are advised to talk to students so that more students should register for EOD who are having less than 4 back papers.
- The mentors have been followed up pass out students for clearing back papers.
- Student performance remains satisfactory during the quarter. All students of BAMMMC and MAMC are attending online classes except a few students are unable to attend class due to personal reasons and network issues. All students attended the first internal examination.
- Enclosed the 1st Internal Marks in the excel sheet shared by the exam cell.
- Students have done well in the first internal test. The pass percentage of all core subjects is 100%.
- Three of B.Sc students, Nirvan Abhilash, Sidhant Kumar Panda & Mousumi Jena participated in the International Astronomy and Astrophysics Competition (Online) and qualified the Pre-Final round and got certificates.
- Students performed well in the first internal test. The pass percentage of all core subjects was satisfactory.
- Semester online examination results were published and students had secured very good Grades.

Students Activity:

- All the 3rd, 5th, 7th semester students are assigned with various domain and minor projects.
- SDP, seminar, and webinars are organised at the department level.
- Students are involved in writing assignments, online presentations and writing project work.
- Organised and conducted the orientation program for 1stsem students 2020-21, from 21-30 Sept 2020. Program Schedule enclosed for your reference. Total student attended- 85 (Including all campuses of SoVET)
- Students were preparing ppt for their second internal test which will be on the basis of PowerPoint presentation.
- On 29th July Department of Zoology celebrated International Tigers Day by conducting webinar, Quiz competition and Students poster presentation in online mode. The Resource person was Dr. Lala A.K Singh.
- Students appeared for EOD exams, attended online classes and also completed internal test-1.
- Students are involved in preparation of SIP reports, conducting projects as well as delivering 'Flip' classes.
- M.Sc. and B.Sc. students participated in leading a Purposeful Life organized by an inspire group of CSR cells from 14th to 18th August 2020.
- Students were asked to attend the Regular FDP (4-6 PM) to upgrade their skills and give presentations on their skill expertise.
- On 25th September Department of Pharmacy and Life Sciences celebrated Pharmacist Day through online mode by conducting webinar, Quiz competition and Students poster presentation.
- Presently students are preparing for their second internal test which will be on the basis of PowerPoint presentation.
- Students from B.Sc. Optometry was facilitated in different hospitals in Bhubaneswar and Cuttack for their internship and project.

- Ms. Shradhanjali Padhi, 3rd Year- BSc. RIT student received 2nd prize in the debate competition.(Extempore held on 15th September 2020).

Students Welfare:

- Counseling of students for regularly attending online classes and submitting project.
- Counseling on higher education and research.
- Counseling of students to adopt the changing situation with positiveness in approach.
- Students are counselled for paying their fees.
- A National conference was organized by the Department of Botany, School of Applied Sciences, on 4th July 2020 on the topic “Biotechnological approach towards crop improvement”. In the inaugural session Dr. Rukmini Mishra, HoD, organizing secretary, Botany Department, addressed the session. The aim of the national conference was to enlighten the participants especially to the students about the recent biotechnological move toward crop resistance, crop development and also crop improvement. Four keynote speakers Dr. Raj Kumar Joshi, Dr. S K Pradhan, Dr. Naresh Ponnampaloor and Dr. Adwaita Parida delivered their speech on the given theme.
- Remedial Classes were organized for poor performing students by respective faculty members.
- 2 students were shortlisted to take admission in Ph.D. under guidance of Dr. Mohammed Siddique.
- There was an annual review of existing Ph.D. students through the Zoom link and it was found satisfactory.
- Soft copy of all courses as per the syllabus were prepared and uploaded in the courseware app. Students were advised to use the app during this Covid situation.
- Students were provided with soft copies of assignments, MCQ Questions, Numerically etc. to help them in online classes.
- A V-lab platform was created to conduct and evaluate Lab classes virtually.
- 3 students were shortlisted to take admission in Ph.D. under guidance of Dr. Yashaswi Nayak and 1 student under the guidance of Dr. Sitaram Swain.
- Since the month of July to September 2020 four webinars were organized by the Department of Zoology, School of Applied Sciences, for overall academic development and intellectual knowledge of the students.
- A National Virtual Conference was also organized by the Department on 8th August 2020 based on the theme “Challenges and Opportunities in Applied Zoology. In the inaugural session Dr. Yashaswi Nayak, HoD, organizing secretary, Zoology Department, addressed the session. The aim of the national conference was to enlighten the participants, especially to the students about the wide range of opportunities and advancements in the field of Zoology. The conference included an extensive program of technical presentations and dynamic discussions focusing on the wide range of opportunities and advancements in the field of Zoology by 7 keynote speakers.
- Department has focused on backlog students, conducted meetings with final year students and suggest how to clear their backlog details within this academic year. Data has been prepared and submitted to the Dean Office.
- Counseling of students for regularly attending online classes and submitting projects.
- Counseling on higher education and they are also 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.
- Nearly 10 students were shortlisted to take admission in Ph.D. under guidance of various faculty members.
- Conducted an annual review meeting of existing Ph.D. students through Zoom link and the progress was found to be satisfactory.
- Since the month of July to September 2020 three webinars were organized by the Department of Pharmacy and Life Sciences, to boost up the overall academic development, outlook and intellectual knowledge of the students.

Student Training:

- LSD classes were initiated for all the eligible students.
- Base line or Cupet test, AMCAT, my perfection has been initiated for students.
- Summer placement training, Cocube pre assessment training were carried out.
- Students are provided with online training in the area of Digital Painting and Adobe Illustration by faculty members. Students are advised to produce digital based contents.
- M.Sc. students were trained in Simulia tools to complete their domain course.
- All students are trained to use courseware app.
- All the students were trained on using courseware app for attending classes in online mode.

- Students are preparing the coding in hacker rank platform.
- Students have registered in SFS (Skill for Success) course and they are pursuing the skill courses along with their core courses as well. Job readiness training is also being provided to the students completely in practice mode which is of six credits and it has been made compulsory for all students.
- All the students were given training online, how to appear as a baseline test for eligible to sit in a campus recruitment process and also students appeared for the test and the qualified list was published by the placement cell.
- Students were trained through exercising their Verbal & Analytical skills through First naukri in order to provide direct Interviews in various MNCs by First naukri.
- Skill and training programs were planned internally and externally for 7th and 5th semester students to increase their scores up to 80% in AMCAT and also increase the employ-ability standard for them.
- 8 Students from MSc CMB are undergoing the PCR/ antigen/ antibody training for COVID examination.

Placement Training

- Special aptitude, reasoning, technical classes had been given.
- Life Skill Development Programme
- Aptitude, Personality Development, Job Readiness Programme.
- Special Coaching for GATE & UPSC Exam.
- IELTS and AMCAT assessment tests were held.
- Employability Training and Self-Assessment by British Council - Aspiring Minds, Cocubes, iCalibrator, Eureka, OPTCL, Pegasus, Showhow2, My perfection.
- Online training was arranged to get students ready to appear for placement interviews.

Job Preparedness

- MOCK interviews and GD and PI were planned at the department level.
- Counseling for UGC NET Examination and industry ready positions carried out by the faculty members.
- In this Pandemic period, personal counseling and doubt clearing online classes were carried out for CSIR NET aspirants by concerned faculty.
- Students participate in job preparedness activities conducted by placement and training cell.
- Job readiness course offered by SoM for both MBA and BBA students which is of six credits entirely in practice mode. Baseline test conducted by placement team in which all the students appeared. Students all registered for a perfective platform to undergo practice tests as a part of their job preparedness.
- In this Pandemic period, personal counseling and doubt clearing online classes were carried out by concerned faculty.

Student Mentoring

- All the mentors were advised to take feedback from students regarding online classes.
- All the mentors were advised to take feedback Regarding Online Class Issues, Subject Registration Issues and course fee
- Student mentoring is carried out by faculty members of the SoMC.
- Online mentoring was carried out each week.
- Mentors are frequently interacting with students and parents and informing about online classes and projects. Academic updates and personal problems of mentees are being followed strictly.
- Mentoring was done by faculty members for B.Sc. and M.Sc. students and also asked for course fees.
- Mentoring (online) was done by faculty members for B.Sc. and M.Sc. students.
- Mentors are frequently interacting with students and parents and informing them about online classes. Academic updates and personal problems of mentees are intimated to the parents.
- All the mentors were also advised to interact with parents as well as students regarding current semester teaching and learning updates in online mode.
- The Mentors are connected with their respective mentees throughout this quarter over phone and also conducted weak wise online sessions with their respective mentees to discuss their problems if any. At the end each month each mentor shares a brief report of their mentees, which contains all the critical cases. Finally the consulted report generated by the department and shared with the Head of. The department. Every month in the HOD meeting this report is presented in front of the DEAN and higher management. The important issues addressed are like.
 - Individual backlogs and action plan
 - Issues raised by students during online classes

- Training and Placement related issues
 - Admission Fees related issues
 - EOD related issues
 - Specific issues if any
- Student mentoring is carried out by all the faculty members of the SoM with their respective mentees.
 - For every 20 students there is a mentor assigned. Mentors are regularly interacting with parents and informing about academic updates and personal problems of mentees.
 - All the mentors are advised to interact with parents as well as students regarding current semester teaching and learning updates.
 - 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 are frequently interacting with students and parents and informing about online classes and projects. Academic updates and personal problems of mentees are being followed strictly. Mentors are following up with the mentees regarding their attendance and academic progress.

Student satisfaction Survey

- All the mentors are regularly encouraged to take feedback and faculties are taking doubt clearing classes regularly.
- Student satisfaction survey is carried out and remedial action is initiated.
- Online feedback was taken from Students for the newly developed syllabus.
- Online feedback was taken from Students for the newly developed syllabus and for online semester examination.
- Students were instructed to fill up the feedback form online regarding the new syllabus and online semester examination.
- On 29th September 2020 an online survey was conducted by the dept. of CSE to collect feedback related to academic and curriculum design. In this online survey a total of 49 students participated and shared their feedback. The compiled report of the same analysed and circulated for action initiation.
- Online feedback was taken from Students for the online semester examination centrally.
- A survey was conducted regarding the pros and cons of the online semester exam by the Examination-in-charge where many students had participated and gave their valuable feedback.
- Students were instructed to fill up the feedback form through online mode regarding the curriculum, teaching methodology and online semester examination.
- Meetings of CR and Vice CR were held with the DEAN and HOD in July to discuss the online session and academic curriculum for odd semester 2020.
- The meeting was held on 11th August 2020, with the CRs and Vice CRs for the feedback of ongoing online classes.

Faculty and Staff

Faculty and Staff Welfare

- All the faculties from the mechanical department have been attending in house FDP through online.
- In this quarter faculties were working from home and daily work reports were maintained in the University timesheet.
- Dr. Kalpita Bhatta presented and participated in the international virtual conference on “Vermicomposting and organic Farming” on topic Macrophytes uniflorum on 29th and 30th August 2020.
- An International Webinar was organized by Department of Botany, School of Applied Sciences, Centurion University, Odisha on 16th August 2020. The theme of the webinar was Life science Research in Pre and Post Covid Era. Eminent speakers from leading institution of the globe, Dr. Kartika Padhan (National Institute of Health, USA), Dr. Tejram Sahu (Johns Hopkins University, USA), Dr. Kalicharan Patra (Karolinska Institute, Sweden), Dr. Jitendra Badhai (The Cancer Research Institute, The Netherlands) spoke elaborately about the fate of Life Science research in Pre and Post Covid Era.
- All faculty and staff members were notified to stay at home due to Covid-19 and will continue their work from home (online mode) and will give a filled timesheet every day for attendance purposes.
- Management announced Promotion for which 2 faculties Dr. Swarnalata Jena and Dr. Mohammed Siddique both had applied for the post of Associate professor through API score.
- Due to the Covid situation, faculty members were asked to work from home (online class and other assignments) and the work report was maintained in the University timesheet.
- Management announced Promotion for eligible faculties.

- All the faculty and staff members were advised to stay at home due to Covid Pandemic and practice work from home through the internet and submit daily work reports to the Management through Timesheet tracker.
- Time tracker sheet was introduced to record daily routine work and upload before 12amevery day.
- Faculty development programmes targeting the personal and professional growth of the faculty are organized on a daily basis (2hrs/day) during July to September.
- Faculties were regularly advised by the Registrar to obey COVID 19 Guidelines circulated by Central Government.
- Time tracker sheet was introduced to record daily routine work and upload before 12amevery day.
- On 1st August 2020- FDP Programme for all the faculty members of Centurion University was conducted by Dr. Kumar Abhishek (Asst. Prof. Hi-tech Medical College.) on the topic “COVID 19 and symptoms associated with it.”
- All the faculty and staff members were advised to stay at home due to COVID epidemic and work from home and submit their daily work report in time sheet track and also in Google sheet.
- All the faculty and staff members were attending the online FDP on a daily basis organized by D.N. Rao Sir and Departmental FDPs

Research and Publication

- Mr. Rajesh Kumar Mohanty, Mr. S.K. Sabut, Dr. R.C. Mohanty's paper titled “A Systematic Review on Design Technology and Application of Polycentric Prosthetic Knee in Amputee Rehabilitation”, Physical and Engineering Sciences in Medicine, Springer, 2662-4737, vol43, pg no.781-798 has been published.
- Mr. Vijay Kumar Garlapati, Mr. Sudhansu Bhusan Mohapatra, Mr. Ramesh Chandra Mohanty, Mr. Premanand Das paper titled “Transesterified OlaxScandens oil as a bio-additive: Production and Engine performance studies” Tribology International, Elsevier has been accepted.
- Mr. Manas Ranjan Padhi, Mr. Amar Kumar Das Dulari Hansdah & Mr. Achyut Kumar Panda paper titled “Optimization of Engine Parameters and Ethanol Fuel Additive of a Diesel Engine Fuelled with Waste Plastic Oil Blended Diesel” Process Integration and Optimization for Sustainability has been accepted.
- Mr. Shiv Sankar Das, Dr. Debashree D. Behera, Mr. Ajit Ku. Pradhan, Book Name-Clean Energy Products: A Path for Attaining Livelihood Security Notion Press, Available in Amazon, ISBN no 9781636691602 has been published.
- Dr. Debashree .D. Behera, Mr. Shiv Sankar Das book Chapter titled-" Development of a Solar Energy operated Fish dehydrator for the livelihood security of fisherwomen of South Odisha “National Press Associates, New Delhi 978-81-947590-5-8 has been published.
- Mr. Rasmi Ranjan Panda paper titled “A critical review on hybrid aluminium metal matrix composite”, conference, ICAPSM, 2020.
- Dr. Ambika Shankar Mishra. YouTube, Education and the Youth: A Perceptual Analysis” in Indian Journal of Natural Sciences, ISSN- 0976 – 0997, Volume-10, Issue-60, P-23047-23053.
- Dr. Ambika Shankar Mishra. Issue editor for Centurion Journal of Multidisciplinary research for 2 issues. The issues are Vol.10, Number-1 & Vol.10, Number-2.
- Manuscript submitted entitled: Elementary Framework for an IoT based Diverse Ambient Air Quality Monitoring System for possible publication in Multimedia Tools and Applications, Springer, on 5 Sept 2020.
- Dr. Rukmini Mishra, article title “Genome Editing Strategies towards Enhancement of Rice Diseases Resistance” on Rice Science Journal, Springer has been published.
- Dr. Sagarika Parida, article title “All Green Leafy Vegetables Used by Seven Tribes of Odisha, India” Plant Archives, Scopus has published.
- Dr. Sagarika Parida, article title “Micronutrient Foliar Spray on Growth Performance of Green Gram (Vignaradiata L.)” Asian Journal of Biological and Life Sciences, Scopus has published.
- Patent published by Mrs. Swarna Prabha Jena and Mr. Subrat Kumar Pradhan on “Automated Portable Diagnostic System and Method for the Patients in COVID Hospitals” During September 2020.
- Dr. Gyanranjan Mahalik, article title “Studies on the use of plants and plant parts by the tribals of Malkangiri district, Odisha for different rituals and medicinal uses”, Plant Archives, Scopus has published.
- Dr. Gyanranjan Mahalik, article title “Studies on the impact of agrochemicals used on the croplands of Jagatsingpur District, Odisha, India” in journal Current Applied Science and Technology, Scopus has accepted.
- Ms. Bhageyswari Behera “Free floating hydrophytes and their utility: An appraisal” Indian Journal of Natural Science, Web of Science has published.

- Mr. Srimay Pradhan “A study on diversity of Lichen in the North-West transitional zone of Mayurbhanj district of Odisha, India” Indian Journal of Natural Science, Web of Science has published.
- Mr. Srimay Pradhan “Lichen: A potential source of phototherapeutic agent” Indian Journal of Natural Science, Web of Science has published.
- Prof.KalpitaBhatta “Antibacterial and Antifungal Activity of Alternantherasessilis (Linn.) R.Br.ex DC” International Journal of Life science and Pharma Research, Web of Science has published.
- Mr. Srimay Pradhan, “Nanotechnology for post-harvest treatment”, one book chapter has published in Bentham Science publisher.
- Mr. Srimay Pradhan, “Nano sensor for food quality monitoring” another book chapter accepted in Bentham science publisher.
- Dr. Rukmini Mishra, article title “Engineering drought tolerance in plants through CRISPR/Cas genome editing”, 3 Biotech, Springer has published.
- Dr. S. Sarangi published one paper in an SCI Journal.
- Dr. S. L. Behera published one paper in an SCI Journal and 3 conference proceedings in UGC.
- Dr. Santosh Satpathy published one paper in a Scopus indexed Journal.
- Dr. Subhraj Panda published one paper in an SCI Journal.
- Mr. Rudra Narayan Sahoo published 1 research paper in SCI indexed journal.
- Dr. Harish Chandra Mohanta, Abbas Z. Kouzani, and Dr. Sushanta K. Mandal Design of Highly Efficient Meta surface Rectenna” International Journal of Electronics.
- Ms. Lipsa Samal published 1 research paper in UGC care indexed journal.
- Mr. Himansu Bhusan Samal has communicated 2 research papers in Scopus indexed journal.
- Dr. Priyanaka Dash has communicated 2 research papers in SCI & Scopus indexed journal.
- Book chapters have been communicated by all the faculty members for their respective research centres.
- Dr. K K Barik, Dr. P C Mohanty, Dr. S Nanda, Dr. R Annadurai, Dr. R S Mahendra (2020). Assessment of coastal vulnerability of northern Odisha, India based on Earth Observation Technique, Journal of the Indian Society of Remote Sensing (Springer), Vol. 48 (11).
- Dr. K KBarik, Dr. S K Baliarsingh, Dr. A K Jena, Dr. S Srichandan, Dr. A Litilkor (2020). Satellite Retrieved Spatio-temporal Variability of Phytoplankton Size Classes in the Arabian Sea, Journal of the Indian Society of Remote Sensing (Springer), Vol. 48 (10).
- Dr. S R Panda, Dr. K K Barik, Dr. S P Mishra (2020). Watershed Management of Joda-Barbil Mining Area, Odisha, India: A Geospatial Approach, Current Journal of Applied Science and Technology, Vol. 39(31): 105-115.
- Dr. Rajashree Behera, Dr. Siba Prasad Mishra, Dr. Sipalin Nayak, Dr. Sagarika Panda, Dr. Mohammad Siddiqui (2020) Toughness Factors Reflections ONM-40 CC by Part Ousting Cement by SCBA & Adding Siyali fibre, Journal of Scientific Research and Report, Vol. 26 (6),pp. 107-118.
- Dr. S P Mishra (2020). Epidemiology of Zoonoses Geared by Domestication with Reference to Covid-19 during Anthropocene; India, Archives of Current Research International ISSN: 2454-7077ISSN: 2454-7077.
- Dr. Rashmi Ranjan Samal, Dr. Durga Charan Sahoo & Dr. Sagarika Panda (2020). Partial replacement of aggregates with E-waste and Flysh aggregates in Concrete, Journal of Shanghai Jiaotong University, Vol. 16(7), pp. 792-802.
- Dr. Dharmaraj Sahoo, Dr. Sagarika Panda, Dr. Satish Nayak (2020) an Experimental Investigation On Ferrocemet: Comparative Study, Journal of Shanghai Jiaotong University, Vol. 16(7).
- Dr. Jyotirmayee Sethy & Er. Sagarika Panda (2020) Multi level Car Parking, Journal of Shanghai Jiaotong University, Vol. 16 (7).

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

- Dr. Susanta Kumar Biswal is conferred with Innovative Research and Excellent Educationalist Award by Innovative Scientific Research Professional Malaysia.
- Mr. Chittaranjan Routray is conferred with Innovative Research and Dedicated Teaching Professional Award by Innovative Scientific Research Professional Malaysia.

Research Publications in the Journals notified on UGC website:

- Dr. Mohammed Siddique has published 1 research paper in Scopus indexed journal.
- Dr. Goutam Kumar Mahato has published 1 conference proceeding research papers.
- Dr. Swarnalata Jena has published 3 research papers in Scopus indexed journal.

- Dr. Ashish Kumar Sahoo has authored a research paper entitled as “soft template assisted synthesis of PbS nanoparticle and its application” (Communicated to IJNOS)
- Dr. Dojalisa Sahu Published a research paper “Enhanced hydrogen generation efficiency of methanol using dielectric barrier discharge plasma methodology and conducting sea water as an electrode in Heliyon 6 (2020) e04717.
- A research paper Dr. Dojalisa Sahu entitled as “Exhibition of Novel Photocatalytic Activity and Photoluminescence Properties with High Inhibition Towards Bacterial Growth by Hydrothermally Grown ZnO Nanorods has been accepted and will be published in Current Nanoscience, 2021, 17, 1-8
- Dr. Dojalisa Sahu also communicated one research article as “Sm³⁺ driven enhancement in photocatalytic degradation and photoluminescence properties of hexagonal-ZnO nano columns” to Journal of nano express.
- Dr. Pratap Kumar Chhotaray has authored a research paper entitled as “Recent Advances in Deep Eutectic Solvents Based on Gas Capture” which was accepted for publication in Industrial & Engineering Chemistry Research a SCI Journal
- Dr. Sraban Kumar Sahoo has published a research article entitled as “Magnesium oxide Nano particles decorated iron oxide Nanorods: Synthesis, characterizations and remediation of Congo red dye from aqueous media” in Composite Communications, 2020,22, 100496
- Dr. Sraban Kumar Sahoo has published a research article entitled as “Preparation of graphene oxide from bio shoot waste: An efficient adsorbent for highly noxious congo red dye in FlatChem,2020,24,100196.
- Another research paper of Dr. Sraban Kumar Sahoo entitled as “Removal of Congo red dye from aqueous solution using zinc oxide nanoparticles synthesized from Ocimum santum(Tulsi leaf) a green approach has been accepted for publication in International Journal of environmental analytical chemistry which is indexed in SCI.
- Dr. Susanta Kumar Biswal, Mr. Manoranjan Behera, Mr. Ardhendu Sekhar Rout, Ms. Arpita Tripathy, Green Synthesis of Silver Nanoparticles Using Raw Fruit Extract of Mimusopselengi and their Antimicrobial Study, BioInterface Research in Applied Chemistry,11(3), Sept. 2020, 10040-10051
- Mr. Ansuman Jena, Mr. Manoranjan Behera, Mr. Chittaranjan Routray and Dr. Susanta Kumar Biswal, “Fabrication, Characterization and Antibacterial Study of Polyvinyl alcohol/Cuprous Oxide Nanofluids and Polymer Nanocomposite Films”, Oriental Journal of Chemistry,36(4), Aug.2020,713-719.
- Ms. Archita Sahoo, Ms. Rikina Choudhury, Ms. Rajkumari Supriya Devi, Mr. Sachin Kumar, Mr. Srimay Pradhan, Dr. Susanta K Biswal, Mr. Sanjeet Kumar, “Evaluation of medicinal potential and antibacterial activity of selected plants against Streptococcus mutans”, ActaFytotechnica et Zootechnica(Accepted).
- Ms. Smruti Rekha Mohanty, Dr. Susanta Kumar Biswal, “An Overview of Removal of Heavy Metal Ions from Toxic Aqueous Solution Using PANI-Based Adsorbents”, Micro Nano systems (Accepted).
- Mr. C R Routray, Influence of γ - Irradiation on Properties of PAN (Poly Acrylonitrile) Fibers, Indian Journal of Natural Sciences, Vol.10 / Issue 62 / October / 2020, 27807-27811.
- Mr. Arun Kumar Pradhan, Dr. Atia Arzoo, Mr. Kanak Meher,” Elemental content present in waste salviniamoestad .s.mitc. And it’s utilization in soil for soil quality improvement”, has been accepted for Publication in International Journal of Botany Studies.
- Dr. Srikanta Sahu has published a research article named as “Tailoring the performance of mechanically robust highly conducting silver/3D graphene aerosols with superior electromagnetic shielding effectiveness” in Diamond and Related Materials a SCI research Journal.
- Book/Book Chapter - Dr. Susanta Kumar Biswal co-authored a book chapter entitled as “Orchid bio-resources of Northeast, India and their conservation aspects” in Springer Nature Switzerland AG
- Dr. Srikanta Sahu has published a book named as “anion binding and self-assembling behaviour of small organic molecules as an author published by kindle edition (ISBN-13:979-8550503966).

Faculty participation in Seminars/Conferences and Symposia:

- SoMC webinar on “Educational technology Challenges and opportunities”. Convener – Dr. Ambika Shankar Mishra, 31st August 2020.
- Center for Edu Tech, FinTech and Skill Tech webinar on “CopyRight Challenges and Content Production”. Convener – Dr. Ambika Shankar Mishra, 24th September 2020.
- Optical Communication Technology Advantages, Challenges and Opportunities, 6thJuly2020.
- How to write an Effective Technical Paper, 28thAugust2020
- The Renewable Energy Landscape in India, 21stSeptember2020.
- Instructional Workshop for Experience Management System, 2ndOctober2020.
- Basics of Biovia Material Studio, 11th to 12thSept 2020.

- Writing of a Good Scientific Research Paper and Selection of a Suitable Journal, 10th September 2020.
- Dr. Gyanranjan Mahalik participated in an online symposium on the topic “Development of genetic and genomic resources in foxtail millet: Progress and prospects” on 8th July 2020.
- Dr. Gyanranjan Mahalik participated in the National Webinar on “Journey from Bio fortification in food crops to including nutritional traits in varietal identification and release in Pearl millet” on 9th October 2020.
- Dr. Gyanranjan Mahalik participated in the National Webinar on “Improvement of storage, stability and productivity of rice through genetic engineering” on 18th July 2020.
- Dr. Gyanranjan Mahalik participated in the National Webinar on “The liquid gold, Agarwood oil: A product of pathogenesis” on 18 August 2020.
- Dr. Gyanranjan Mahalik participated in the National Webinar on “Weed Science: Challenges in the California Rice Systems” on 29th August 2020.
- Dr. Gyanranjan Mahalik participated in the National Webinar on “CRISPR in Agriculture: Context of Improving WUE” on 12th Sept 2020.
- Miss Kalpitta Bhatta participated in the International conference on “Beginning of an Era of precision therapies” organised by Safi Institute of Advanced Study on 23rd August 2020.
- Miss Kalpitta Bhatta participated in an International guest lecture on “Theranostics Approaches to Cancer Management” on 21st August 2020.
- Ms. Bhagyeeswari Behera attended an online seminar on 09th July 2020 “On Journey from Biofortification in food crops to including nutritional traits in varietal identification and release in Pearl millet” organised by Bioingene.com.
- All faculty participate in regular FDP’S organized by Zoological Survey of India based on Faunal Diversity in their Natural Habitat.
- Dr. Madhumita Das was invited to address the BBA and B.Com students of XITE, Jharkhand in the orientation program. Dr. Das addressed the newly admitted first- year students along with their parents to enlighten them about their career choice in Economics in general. In the whole 30 minutes presentation, she talked about new career choices and how the new age has brought new and varied opportunities for the students.
- Dr. Sabyasachi Dey attended a webinar on "Trade and Investment: The Post-COVID Scenario" conducted by ASBM University, Bhubaneswar on 21st August 2020.
- All faculty members attended the international webinar organized by School of Management on “Stability through VUCA Paradigms: Renovation of Business and Economy on 12th August 2020.
- All the faculty members as well as the students attended the ‘Demo on NVivo-A Qualitative research tool’ organized on 30th September 2020.
- Prof. Rama Prasanna Dalai Attended ICRISAT Conference during 24th and 25th July 2020.
- Prof. Rama Prasanna Dalai Presented a research paper for ICIES2020 Conference during 19th and 20th Sept 2020.
- Prof. Rama Prasanna Dalai Attended 5 days workshop on Learning by performing through Virtual Lab from 1st to 5th July 2020.
- Prof. Rama Prasanna Dalai Attended FDP on Application of AI for modern power systems from 20th to 24th July 2020.
- Prof. Rama Prasanna Dalai Attended 5 days FDP on Novel Technology in Electrical engineering from 10th to 14th August 2020.
- Prof. Rama Prasanna Dalai Attended an IEEE webinar on advances in current fed Power electronics system on 18th August 2020.
- Prof. Rama Prasanna Dalai Attended an AICTE sponsored STTP on optimal operation of power systems incorporating RES from 27th July to 1st Aug 2020.
- Prof. Rama Prasanna Dalai Attended a workshop on Power system analysis using ETAP from 3rd to 5th August 2020.
- Prof. Rama Prasanna Dalai Attended an AICTE ATAL online FDP on Green Technology & Sustainable engineering from 7th Sep to 11th Sep 2020.
- Prof. Rama Prasanna Dalai Attended the FDP on Recent advances on renewable energy technologies for sustainable development from 25th Sept to 29th Sept 2020.
- Dr. Sudhansu Kumar Samal Completed a webinar on Electric Vehicles and Mobility online course by ISIEINDIA E-Learning on 11th Aug. 2020.
- Dr. Sudhansu Kumar Samal Completed a webinar on Energy Management and Electrical online course by isieindia E-Learning on 11th Aug. 2020.

- Dr. Sudhansu Kumar Samal Completion a webinar on Simulating EV Setup-Simulation online course byisieindia E-Learning on 17th Aug 2021.
- Dr. Sudhansu Kumar Samal participates in TEQIP-III sponsored national webinar on “Recent trends in Physics” held on August 18th and 19th 2020.
- Dr. Nanda Kishore Ray Attended IEEE International Conference on Computational Intelligence for Smart Power System and Sustainable Energy (CISPSSE-2020), July 29-31, 2020, Odisha, India.
- Prof. Debaraj Rana , has participated in seven Days National level FDP on Recent Innovative Technologies from 25th June to 2nd July 2020 hosted by Department of Computer Applications, K.S.R College of Arts and Science for Women, Tamilnadu.
- Prof. Debaraj Rana, has participated in a one week Faculty Development Programme on Advancement in Communication Engineering Technologies with Simulation Tools, from 1st July -5th July 2020, organized by Department of ECE, Vishnu Institute of Technology, Vishnupur, Bhimavaram, Andhra Pradesh.
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- Prof. Debaraj Rana has participated in AICTE sponsored Short Term Training Programme (STTP) Phase II on Machine Learning with Python in Data Science-Application and Research Perspective on 7th September to 12th September, 2020, organized by Department of Information Technology, SRM Institute of Science and Technology, Tamilnadu.
- Prof. Debaraj Rana, has participated in World Largest 1 week hands on faculty Development Programme on Artificial Intelligence using Python from 14th September to 19th September 2020, organized by Department of Computer Science and Engineering, GMR Institute of Technology, Rajam in association with Brainvision Solutions India Pvt. Ltd., National Youth Council of India, Computer Society of India, and ISTE.
- Dr. Nimay Chandra Giri, has successfully completed an online quiz on Basic Electronics dated 22nd July 2020 organized by Bharathiyar Centenary Memorial Government Womens’ Polytechnic College, Ettayapuram.
- Dr. Nimay Chandra Giri, has participated in Webinar on Robotics and Automation process on 12 th September 2020, organized by Bharati Vidyapeeth’s Institute of Computer Application and management, (BVICAM), New Delhi.

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

- Dr Ambika Shankar Mishra Submitted joint project with Prof. Prajna Pani to Odisha state Open University on the theme “Issues and Challenges In Courseware Production: A Case Study In Odisha” on 07.09.2020 Students collected data online for project work under the supervision of the faculty members.

Faculty requirement and development:

- Dr. Rukmini Mishra joined on 1 st August 2020 as Assistant professor.
- All faculty members were advised to attend online FDPs/ Workshops/Seminars/Webinars during lockdown.
- Almost all faculties have attended online webinars and FDPs.
- All the faculty members are actively involved towards contributing for their respective research center and all are given time till mid- November to focus on capacity building through attending online FDPs, enrolling and pursuing online courses at Coursera, Udemy etc.
- All faculty members were advised to attend FDPs/ Seminars /Workshops /Online Courses in during lockdown.

- Mr. Ranitava Banerjee, (Master in Clinical Optometry and Vision Science) is the new Faculty for Optometry.

IT resource:

- Demands are placed with IT cell for upgradation to digital platform.
- One virtual room provided with IT resources.
- BIOVIA software is used by faculties to boost their research activity. Faculties of genetics and genomics research centres are taking training for NGS.
- Through CUTM, Time sheet tracker every employee were submitting their work from home report online every day.
- Faculty members were trained to take online classes on the Impartus platform. Faculty and students were given login to Virtual Lab where lab records can be submitted and evaluated.
- Faculty members were given login to the plagiarism software's like Turnitin and Urkund to check the plagiarism % of their articles before sending for publication.
- University introduced an online timesheet tracker to monitor WFH reports.
- Courseware has been installed and every faculty member is directed to upload their study materials for online teaching.
- Faculty members are given the facility of orkund and turnitin to check the plagiarism of their articles before sending for publication.
- CUTM, Timesheet tracker has been installed centrally so that every employee can submit their daily work report from home to the Management everyday.
- All the faculty members are using Google meet and Zoom apps for conducting online meetings during lockdown period. Online classes were conducted on Impartus platform for this currently ongoing odd semester since 13th July 2020.
- CUTM, Timesheet tracker has been installed centrally so that every employee can submit their daily work report from home to the Management everyday.
- Every faculty member are given user id and password to access biovia material studio to build competency in it for developing new product by material research.\
- One virtual room provided with IT resources.
- All the faculty members were provided USER ID for running Biovia software to boost their research activities.
- Courseware software was developed by the University to make preparation of lesson plans and e-content submission.

Lab/ workshops development (equipment & others):

- Maintenance of all equipment had been done.
- Some research activity initiated by both faculties and M.Tech scholars and PhD students in Advanced Testing Laboratory, Thermal Laboratory and EDM Laboratory.
- List of media equipment and estimation of budget is submitted to the university management.
- Equipment's and chemicals were not procured for laboratory in this quarterly.
- New equipment's and chemicals list were given to the purchase team.
- Faculties performed various Lab experiments through Virtual Lab during Covid19 Global Pandemic.

Physical Facilities:

- New classrooms, laboratory facilities and staff rooms are demanded.
- Proper classrooms were provided to each discipline. In this Covid19 period no physical classes were taken.

Library Facilities:

- In the department, some books have been purchased as per the requirement of Faculties.
- A list of books on digital media and film studies and critical study of media and communication is under process to be procured by the Central Library of CUTM.
- In the Departmental library all books are there for each subject. For upcoming academic sessions foreign author books will be procured for references.
- List of Books (Texts & References) for the upcoming course (zoology) submitted to the library for procurement.

- Free urkund id is provided to all faculty members centrally to check the similarity index of the manuscripts before submitting to the publisher for the publication.

Facility for e-content:

- ALL the e-contents are available.
- E-Content production facility is available at SoMC.
- Lecture note and ppt were prepared by faculties of respective subject.
- Faculty members prepared E-content of the assigned subjects and uploaded in courseware app.
- 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.
- E-Content is being prepared by the faculty members for their own courses handled by them and regularly the contents are updated in the courseware.
- Faculty members prepared E-content of their respective subjects they 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 are asked to prepare their own videos through doodly and adobe spark video making apps.
- CSE, PE, MPMC, DG& MG, EMI, EM, EEM e-content was prepared by concerned faculties.

Support and Progression

CSR Activity:

- The closing phase of the UNLOCKED in LOCKDOWN - A Project on Self- engineering and Productivity: Part - I event was organized by CSR club. There are 31 students in 49 tracks nominated for the final round.
- All the students, faculties and staff members were joined to see the final nomination entries and encourage the participants and winners. All winners had received the certificate and award during the event only.
- Pratyasa Mohany, Akshay Sahoo, Sunanya Das, Arpita Dash and Subhashree Rout students of M.Sc. won the prize on different completion of the event.
- Students took part in CSR activity online on the theme Unlock in Lockdown due to covid-19 epidemic.
- The “Engineers Day” is celebrated across our country on 15th September every year as a tribute to the greatest Indian Engineer Bharat Ratna Mokshagundam Visvesvaraya. He was Indias most prolific civil engineer, dam builder, economist, statesman, and can be counted among the last century’s foremost nation builders. Speech & competition will be conducted for this occasion on 15th September 20.
- Winner: Shruti Dash, B Tech CSE-4th Year
- Runner Up: Sradhanjali Padhi, BSc-Radiology-3rd Year
- CSR cell came up with a new initiative-cum-competition nurturing your inner talent to inculcate and capture values which are sustainable and also contributing towards communities as a unique theme of “UNLOCKED in LOCKDOWN”. This competition is open for all students of Centurion University irrespective of campus/school/program. The idea is to engage students to inculcate and capture our values focusing on sustainability and contributing towards society.
- Students took part in CSR activities through online due to covid-19pandemic.

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

- Online registration was done for 8thconvocation (virtual) and alumni meet on 5thOct 2020.

Details of campus placement:

- Piyush Pradhan placed at Max Bupa on 5thAugust 2020.(Botany)
- Monalisa Giri placed at Tech Mahindra on 1stAugust 2020.(Botany)
- Pratyasa Mohanty and Piyush Pradhan place at Pulsus on 5thSeptember 2020.(Botany)
- Both B.Sc. and M.Sc. students registered and participated in various campus drives of different companies organized by the University.
- B.Sc. and M.Sc. were encouraged and guided to apply for various competitive exams.
- Both M.Sc. and B.Sc. Students registered and participated in various campus drives of different companies like cognizant, byjus, Axis Bank, Surya International etc.
- Two of the M.Sc graduate students got an offer to join Navodaya Vidyalaya as TGT’s.

- 11 students (Aashirbad Maharana, Ajit kumar jena, Hriteshsk mallik, Ipsita Priyadarshini, K M Sai Kishore, Nitish Mahanand, Pradum kumar, Preeti Chhanda Rout, Rohan Kumar Das, Rohit Kumar, Trishna rani patel) got the placement on Unschool in the month of July.
- 3 students (Satya Kumar Tung, Soumya Ranjan Mishra, Sarthak Rout) got selected in tech mahindra in the month of August.
- 2 students (Rani Kumari, Shibani Panda) got selected in R K Infosystem in the month of September.
- 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 recruiting agencies.
- Pulsuspvt.ltd has conducted online campus recruitments of M.Sc. students by skype in September 2020.
- A M.Sc 2020 passout batch student Muskan Maharana has been selected as Technical Support Associate in Tech Mahindra (Noida) campus drive.
- International Centre for Technological Innovations (ICTI) has come for hiring fresher candidates from 2021 graduating batch | Job Position: Research Associates | Eligibility: All Graduate and Post Graduate Students | Last Date to Apply: 09th November 2020.
- M.Sc students Muskan Maharana (180705100061), Truptimayee Rath(180705100086) and Chandan Kumarsahu(190705100066) have been selected in Pulsus campus drive.
- Extramarks Education India (Mumbai) Campus hiring for 2020 graduates Batch shortlisted students are from M.Sc 2020 passout batch, Chittaranjan Biswal and Ramakanta Sahu.
- M.Sc students, Chittaranjan Biswal (180705100046), Rajat kumar sahu(180904100026) , Chandansaraf (170904100008), Saimita Sahoo(180705100072) have been selected in ZYLA.
- Health Campus Hiring for 2020 graduating Batch on 26th September2020.
- One of M.Sc students named Nikita Rani Tripathy has been selected in the Bank of America campus drive held recently in September 2020.
- Capgemini Virtual Campus Recruitment for BSc (All branches) BCA from 2021 graduating batch: Last Date to apply- 18 September, 2020.
- Lido Learning Campus Hiring for 2020 & 2021 Graduating | B.Tech / BBA / B.Sc /B.Com /MBA Students in august 2020.
- M.Sc students Pramita Priyadarshani Panda, Sudhansybala Nayak, Animesh Lenka, Ramakanta Sahoo, Itishree Moharana, Anil Kumar Mallick have been selected in Sigma Electric Manufacturing Corporation Pvt. Ltd. - Online Campus Interviews in 10th August 2020.
- Max Bupa Hiring || MBA/BBA/B.Com/B.Sc/B.A/BCA 2019/2020 Graduates// Last Date to apply 13th July 2020.
- B.Sc and M.Sc Students have attended the Internshala launched by AICTE a ‘Mega Monsoon Internship Fair’ for all the students (first year to final year) from all streams/branches where companies like Sportskeeda, Yukthi Systems Pvt. Ltd., BoAT, Raymond and Near buy have participated.
- Abhilipsa Mohapatra, Achyuta Swain, Chandan Kumar Sahu, Muskan Maharana (M.Sc.) and Piyali Deb (B.Sc.) have been selected in Unschool Pvt. Ltd campus drive on 17th July 2020.
- One M.Sc student Chittaranjan Biswal was selected in Bank of America campus drive on 14th July 2020.
- Student appeared the test for Internship Opportunities @ Amigoz
- 10 no of students of SoPLS placed in different organisations. They are Abinash Rout, Budheswar Mallick, Taushif Alam, Tanmoy Nayak, Saswat Mishra, Sandipta Samanta, Goutam Dev Sahoo, Parijat Bhowmik, Sourav Kumar Barik & Niraj Kumar.
- Athira B Nair (170301130004) 7th Semester ECE was selected for the position of Accounts Operation Interns in My Perfectice on 7th September 2020.
- Priyanka Biswal and Debasnan Singh, 8th Sem ECE students (Now Alumni) have been selected in Tech Mahindra Campus Drive. They will be joining as E - Commerce Technical Support & Customer Support Profiles.
- Ms. Manisha Tripathy is placed at Lab Technician (Microbiology).AIIMS.
- Goutam Maity, Saikiran Das, Saroj Kumar Pradhan, Ankita Nayak, Jyotsna Priyadarshini are placed in Vijaya Diagnostic Centre, Hyderabad.

Students benefited by guidance for competitive examinations and career counseling:

- 45 students (Botany) benefited from career counseling. All are engaged in preparation of some competitive examination/ four students are placed in campus selection and other joined in different colleges as lecturers.

Leadership and Management

Professional development / administrative training programmes:

- One FDP was organized by the Department of Botany on 25th July 2020. Dr. Trilochan Mohapatra was invited as resource person. He is presently holding the position of Secretary, Department of Agricultural Research and Education, and is also the Director General of the Indian Council of Agricultural Research (ICAR). Prior to this, he served as the Director of the Indian Agricultural Research Institute (IARI), New Delhi, and the National Rice Research Institute (formerly CRRI), Cuttack, Odisha.
- Faculty Development Programs were conducted (centrally) every day on different topics of Engineering, Science, and Management through Zoom.
- Research centers were formed in different areas and from mathematics department faculties were involved in CFD, HPC, QC, Trajectory optimization subareas.
- Faculty Development Programmes were conducted every day from 4 to 6 pm on different science, engineering and research topics via Zoom.
- 26 Research centers were formed from different perspectives.
- Dr. S. Sarangi is heading the Centre for Space and Earth Sciences.
- Dr. Tapan Dash is heading the Centre for New Material applications. Dr. S. Behera, Dr. S. Satpathy and Dr. N. Nayak are members of the center.
- Dr. Padmaja Patnaik is heading the Centre for Lasers. Dr. S. Panda is a member of the center.
- All faculty members of the department were attending online FDPs and Webinars and also involved in research center works.
- Dr. P. Annan Naidu attended a program on AICTE-ATAL FDP ON DATA SCIENCE 21st September to 25th September 2020, AWS Express Training on Securing your AWS Cloud 14th September 2020, AWS Express Training on AWS Cloud Practitioner Essentials 28th September 2020, Jio Institute's Digital Symposium on AI for India 26th August to 28th August 2020.
- Ms. Sasmita Kumari Nayak attended program on AWS Express Training on AWS Cloud Practitioner Essentials 28th September 2020, AWS Express Training on AWS Technical Essentials 21st September 2020, Writing of a Good Scientific Research Paper and Selection of a Suitable Journal 10th September 2020, Emerging trends in Computer Science and Information Technology 10th July 2020, Virtual Workshop on Applications of Deep learning 8th July 2020.
- Ms. Mamata Garanayak attended a program on AWS Express Training on AWS Cloud Practitioner Essentials 28th September 2020, AWS Express Training on AWS Technical Essentials 21st September 2020.
- Mr. Rakesh Kumar Ray attended a program on Writing of a Good Scientific Research Paper and Selection of a Suitable Journal 10th September 2020.
- Mr. Raj Kumar Mohanta attended program on AWS Express Training on AWS Cloud Practitioner Essentials 28.09.2020, AWS Express Training on AWS Technical Essentials 21.09.2020, AWS Express Training on Securing your AWS Cloud 14.09.2020, Writing of a Good Scientific Research Paper and Selection of a Suitable Journal 10.09.2020, Webinar on MATLAB master class by Pantech Solutions in association with Institution of Electronics & Telecommunication Engineers (IETE, Mumbai) 01.09.2020 to 30.09.2020, Webinar on AI-Powering the Next Generation by Pantech Solutions 21.08.2020, Webinar on Hardware Security by Pantech Solution in association with KL deemed to be University 18.08.2020, Webinar on Emerging Growth of Virtual Reality (VR) and Augmented Reality (AR) by Pantech Solutions 14.08.2020, Webinar on Brain Computer Interface by Pantech Solutions in association with Kongu college of Engineering 08.08.2020, Webinar on Azure Administrator Associate (AZ-104) Training by Eventbrite 19.07.2020, Webinar Azure Fundamentals (AZ-900) Training by Eventbrite 18.07.2020, Webinar on Robotics operating system by Adama Science and Technology University Ethiopia in association with PanTech launches 17.07.2020, Webinar on Computer Vision Application Design by Atria Institute of Technology, Bengaluru association with Pantech Solutions 14th July 2020.
- All the faculty members prepared a demo video using Adobe spark tools and Doodly in order to get an exposure regarding preparing the course videos of the sessions using Adobe spark and Doodly.
- Transformer Training was conducted on each Saturday (06:00PM-7:00PM) for up to four weeks Prof. Amaledu Mohanty.
- Faculties were attending their research center training program every day as per the schedule given by the Registrar.
- Prof Dr. Abhinna Chandra Biswal also agreed to take one FDP session next Friday (6:00PM-7PM).
- In future it was proposed to bring some external experts to provide new research prospective to students and faculties.

- Organized a Webinar on the Renewable Energy Landscape in India on 21st September 2020. Prof. Nimay Chandra Giri and Prof. Debaraj Rana organized a webinar on The Renewable Energy Landscape in India on 21st September 2020 held at Bhubaneswar Campus, CUTM. The programme was on the emerging trends on the field of recent trends in the field of Renewable Energy in India. The invited speakers for the event were Dr. Usha Bajpai, Retired Professor, Department of Physics, University of Lucknow, UP, Dr. Mahendra Kumar Mohanty, Professor, BPCL Biofuel Chair, OUAT Bhubaneswar, Odisha, Dr. Pradipta Kumar Jena, Sr. Asst. Professor, OUAT, Bhubaneswar, Odisha. The event was held online through Google meet and there were more than 100 participants attended the events and made it a successful one.

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

- Prof. Debashree D. Behera attended ATAL FDP on solar energy: Technology and application and got certification.
- Prof. Debashree D. Behera attended ATAL FDP on Energy Engineering and got certification.
- Prof. Debashree D. Behera attended Webinar on the Renewable Energy Landscape in India on 21st September 2020.
- Prof. Debashree D. Behera attended FDP on "Solar Energy Potential, Opportunities and Challenges in India"
- Dr. Rukmini Mishra, Mr. Srimay Pradhan and Bhagyeeswari Behera and attended FDP on "Introduction to NGS" by AvinashDhar, "Basics of Genomics" by Prof. Ruth, "Jump statistic" by Prof. Murlidhar.
- Kalpita Bhatta, Dr. Gyanranjan Mahalik, Dr. Sagarika Parida participated in FDP "BIOVIA" , one month training programme for drug discovery research center.
- All faculty members of the mathematics department were attending online FDPs and Webinars and also involved in research center works.
- FDP in machine facilities, hydrophobic Nano materials on 1st July 2020.
- FDP by JK. Rath of Mechem Composites on 2nd July 2020.
- FDP on Biotechnology and tissue culture by Dr. Pushpalata and Bio fertilizer by Dr. Praveen on 3rd July 2020.
- FDP recording attached. It has a presentation on Tabletop Accelerator by Dr. Prasanta Rath and presentation on Biodiesel by Dr. Narayan Gouda on 4th July 2020.
- The FDP presentation & discussions by Dr. Ashok Das, Sun Mokshya; Mr. Abhishek, General Aeronautica; Dr. R N Sahoo, ICAR-IRI, Dr. K V RamanaRao, Scientist, SERB; Mr. Morup Mangil, IFFCO Kisan, Mr. Atul Bhatnagar. On 7th July 2020.
- Dr. Vishnu Vardhan to deliver a talk on Development and Testing of Farm Drying and Storage Equipment for paddy and Mr. Babu Shankar from Ekalavya group will talk on Mentoring on 8th July 2020.
- Talk on Global status of Fisheries and aquaculture vis-a-vis India's potential and challenges by Dr .M. V. Gupta, an eminent Fisheries Scientist and World food prize winner, Sunhak world peace prize winner. And Dr. Rosy Mallik, Dept. of Chemistry, SoAS, will present her Research work on 10th July 2020.
- FDP on Adobe spark tools by Dr. Amiya Singh and Adobe Team, Doodly tools by Mr. Abhi Mitra on 13th July 2020.
- Learnings from ROS FDP by Md. Debaraj Rana and Ms. Jeevaratnam and Dr. Supriya Pattanayak will present her research work on 14th July 2020.
- Session on Gaming Platform by Learning Links Foundation on 15th July.
- FDP by Mr. Raj VVN, President - German Varsity, Germany on 16th July.
- Session with Prof. Govindarajan on 17th July.
- On 18th July 2020, FDP on Resilient Leadership: Ensuring future readiness by exploring new opportunities during this time of Uncertainty by Mr. Damodaran Subramaniam, Managing Director, Safran Engineering Services
- FDP on E lab note_Doodly_Adobe Spark on 21st July
- Talk on pesticides in water ,the sources of contamination on 22nd July
- Prof. Govindarajan's session on How to do effective teaching on 23rd July.
- Prof. S B Moharan & Team demonstrated how to use the E Lab record on 24th July
- Dr. Trilochan Mohapatra, DG ICAR will deliver a talk on 25th July.
- Dr. Sujata Chakravarty presented on Hyperspectral imaging on 27th July.
- Presentation from Gooddot.in related to vegan meat on 28th July.
- FDP on my perfectice and National Education policy 30th July.
- FDP of the discussion on how to go about the Research and Application a reason 31st July.

- FDP on Skin Manifestation in Covid 19 presented by Dr. Kumar Abhishek, Medical Director and Consultant Dermatologist, Sk institute. 1st August.
- FDP on ML(Bone Fractures)_FEA (Knee Joints)_Smart agriculture on 2nd August.
- Reduction of Wing Tip Vortex by using Active and Passive Techniques by Sangram Samal and Smart Transformer by Debasis Sahu on 5th August.
- FDP on Robotics – Computer Vision, Navigation, Tracking; Applications of Deep Neural Network by Dr. Jharna Majumdar on 10th August.
- Dr. Arun Kumar Pradhan has attended the international conference on emerging smart materials in applied chemistry held on 10th and 11th August 2020 at KIIT, Bhubaneswar.
- FDP on Image Processing to Computer Vision, Applications in AI and Machine Learning; by Dr. Jharna Majumdar on 11th August.
- FDP on Advance Video Processing – Role of Texture; Modelling Transition in Video; by Dr. Jharna Majumdar on 13th August.
- FDP on Aerial Image Exploitation - Unmanned Aerial Vehicle and Micro Air Vehicle; STUDSAT – The First Smallest Student Satellite in India; Ground Station for Tracking small Satellite by Dr. Jharna Majumdar on 14th August.
- FDP on Computational Fluid Dynamics – A Potential CAE Tool by Dr. Sekhar Majumdar on 17th August 2020.
- Dr. Dojalisa Sahu has attended the webinar on Material characterization and mechanical properties of Plastic on 18th and 19th August at Central Institute of Petrochemical Engineering & Technology (CIPET), BBSR.
- Dr. Dojalisa Sahu has attended the webinar on Innovation on moulding technology and TPM on 21st August and 22nd August 2020 at Central Institute of Petrochemical Engineering & Technology (CIPET), BBSR.
- FDP on Turbulence – The Chief Outstanding Difficulty of Subject by Dr. Sekhar Majumdar on 18th August 2020.
- Presentation by Burlington English 19th August Presentation by Dr. Tapan Kumar Rout, Principal Scientist, R&D, Tata Steel, Jamshedpur 20th August
- Session on End Notes by Clarivate publishing on 21st August.
- FDP sessions by Dr. Jharana Majumdar on 24th and 25th August
- Session by Mr. Mangesh Desai on topic Coal Briquettes from
- Agriculture Waste on 26th August Presentation by jmp.com Statistical Software on 28th August.
- Webinar by SoMC on ‘Educational Technology and Content Creation: Challenges and Opportunities on 31st August.
- Talk by Dr. J K Jena, DDG ICAR Fisheries on 1st September.
- FDP on how to strengthen your capability of writing a good scientific research paper and to learn the techniques of finding a suitable journal for your research paper on 15th Sept.
- FDP on 26th Sept 2020 Resource: Mr. Chakravarty Kannan, Sr. Vice President, Mahindra, Topic: Aspiring high to rise in the VUCA World.
- Prof. Debaraj Rana, has participated on seven Days National level FDP on Recent Innovative Technologies from 25th June to 2nd July 2020 hosted by Department of Computer Applications, K.S.R College of Arts and Science for Women, Tamilnadu.
- Prof. Debaraj Rana, has participated in a one week Faculty Development Programme on Advancement in Communication Engineering Technologies with Simulation Tools, from 1st July - 5th July 2020, organized by Department of ECE, Vishnu Institute of Technology, Vishnupur, Bhimavaram, Andhra Pradesh.
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- Prof. Debaraj Rana has participated in AICTE sponsored Short Term Training Programme (STTP) Phase II on Machine Learning with Python in Data Science-Application and Research Perspective on 7th September

to 12th September 2020, organized by Department of Information Technology, SRM Institute of Science and Technology, Tamilnadu.

- Prof. Debaraj Rana, has participated in World Largest 1 week hands on faculty Development Programme on Artificial Intelligence using Python from 14th September to 19th September 2020, organized by Department of Computer Science and Engineering, GMR Institute of Technology, Rajam in association with Brain vision Solutions India Pvt. Ltd., National Youth Council of India, Computer Society of India, and ISTE.
- Nimay Chandra Giri, has participated in Webinar on Robotics and Automation process on 12th September 2020, organized by Bharati Vidyapeeth's Institute of Computer Application and management, (BVICAM), New Delhi.
- Prof. Harish Chandar Mohanta has participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on Sensor Technology during 21st Sept to 25th Sept 2020.
- Prof. Swarna Prabha Jena has participated in the FDP on "Data Science for All" during 27th July to 8th August 2020.
- Prof. Swarna Prabha Jena has participated in the webinar on "Brain Computer Interface Robot" on 12th July 2020.
- Prof. Swarna Prabha Jena has participated in the webinar on "Citation and Reference Management using Mendeley" during 14th August 2020.
- Prof. Swarna Prabha Jena has participated in the Webinar on "Robotics and Automation Processes" during 12th September 2020.
- Prof. Swarna Prabha Jena has participated in the Webinar on "Internet of Things (IoT)-Industrial Perspective" during 11th July 2020.
- Prof. Subrat Kumar Pradhan and Dr. Chandra Sekhar Dash has participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on Internet of Things (IoT) from 21st September to 25th September 2020 at National Institute of Electronics and Information Technology (Nielit)- Gangtok.
- Prof. Debaraj Rana, has participated successfully in AICTE Training and Learning (ATAL) Academy Online FDP on Data Science from 24th August to 28th August, organized by National Institute of Technology Srinagar, Hazratal.
- Prof. Debaraj Rana and Mrs. Bhabani Dash has participated successfully in AICTE Training And Learning (ATAL) Academy Online FDP on Internet of Things (IoT) from 21st September to 25th September 2020 at National Institute of Electronics and Information Technology (Nielit)- Gangtok.
- Dr. Kamal Kumar Barik attended International webinar on Ocean data Processing by INCOIS, Hyderabad.
- FDP held in Center for Medical Diagnostics are Standard Operating process in Diagnostic Services(14th September 2020), Biomedical waste Management (17th September 2020), Biochemical investigations in Diagnostic division (21st September 2020), Introduction to Optometry and role of Optometrist in modern world (23rd September 2020), Python and Image Processing- I (25th September 2020), Fibroscan and Mobile Mammography (25th September 2020), Importance of Pathology in Diagnostic Center (28th September 2020), Computer vision syndrome; its association with mobile working (30th September 2020).

Values and Best Practices

Strategic Plan:

- Reorganization of the existing syllabus of MAMC. New postgraduate courseware (MAMC) is introduced by conducting BOS as per UGC guidelines. Skill courses are introduced in the area of Digital Publishing and Digital Painting by use of various Adobe tools by SoMC. The school has planned to offer five certificate courses under the research center 'Center for Edu-Tech, FinTech and Skill Tech'. The details of the courses are; 1. Certificate Course in Video Editing 2. Certificate Course in Camera Operator 3. Certificate Course in Adobe Tools and Illustrator 4. Certificate Course in Digital Painting 5. Certificate Courses in Digital Publishing SFS Courses offered by SoMC (2020-21) at present are: 1. Adobe Tools and Illustrator 2. Digital Painting 3. Digital Publishing.
- Research activity was done on Genetics and genomics and drug discovery and it was planned to set up a genomics laboratory very soon.
- Planning to organize national and international conferences.
- To increase the number of research publications in the next 6 months at least 2 by December.
- To integrate the research with modern software tools like Python, Biovia, Simulia etc. So as to get quality publications that can lead to patent publication.
- To give training to all faculty members in different areas as required by respective research centers.
- To increase the number of research publications in SCI/Scopus indexed journals.

- To develop expertise in Dassault tools like Materials studio.
- To develop some new materials in composites for E bike.
- To develop some diploma/advanced certificate courses with original videos and ppts.
- To publish online books
- To increase the number of research publications within these six months so as to have a good score in NIRF .
- To integrate the research with modern software tools like, Biovia's material and discovery studio, etc. so as to get quality publications that can lead to patent as well as new product development
- To impart training to all faculty members in software tools for meeting industrial competency and high quality research publications.
- It was announced by Dr. Subhendu Mishra (PGP Coordinator, SoM, PKD) during the department online meeting via zoom on 1st September 2020 that a new program shall be introduced which would be collaboration between Centurion University and another external agency. The name of the program is tentatively titled as 'MBA in Rural and Development Management'. Further Dr. Subhedu Mishra requested the help and assistance from all the faculty members in this regard. A parallel semester shall also start very soon for the students who did not register on time for the odd semester and they are allowed to register later and the odd semester to be covered in a fast track mode for them so that they can catch up and join the students in the upcoming semester of session 2020-21.
- To increase the number of research publications with this six months so as to have a good score in NIRF
- 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 patents as well as new product development.
- To give Training to all faculty members in python, biovia and other 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.
- Faculties were asked to take advantage of COVID 19 Lockdown situation and publish 2 papers in Peer reviewed journals by staying at home to meet Research target set by the University to comply NAAC Requirements
- 26 research centers were created to strengthen the research activities of the university and all the faculties were assigned to a particular research center. Moreover different research targets were given by the management and faculties were required to comply within 3 months.
- To integrate the research with modern software tools like, Biovia's material and discovery studio, etc. so as to get quality publications that can lead to patents as well as new product design and development.
- To impart training to all faculty members in various software tools for meeting industrial competency and high quality research publications.

Consultancy:

- One project was submitted to DST by Dr. Rukmini Mishra, HOD of Department of Botany.
- There was a meeting at the departmental level to apply for more projects to different funding agencies.
- All the commitment of the meeting will be taken care of and will be submitted in the next meeting.
- There was a meeting at departmental level to apply for more projects to different State and Central funding agencies.
- All the commitments of the meeting will be taken care of and will be submitted in the next meeting.







Centurion University of Technology and Management, Odisha, India
Rayagada Campus
Minutes of IQAC Meeting (July-Aug-Sept 2020)

Date: 25.09.2020

Time: 4.30 p.m.

Venue: Staff Common room

1. Mr Rajesh Padhy	Director
2. Dr.Chandra Sekhar Patro	Principal
3. Mr Krushna Prasad Mohapatro	Administrative Officer
4. Dr Gopal Krishna Padhy	Associate Professor
5. Mr. Nihar Ranjan Kar	Asst.Professor
6. Mrs.Kamini Sethy	Asst.Professor
7. Mr. Sukanta Satapathy	Asst.Professor
8. Mr. Dipankar Rath	Asst.Professor
9. Mr. Ladi Alik Kumar	Asst.Professor
10. Ms. Pallishree Bhukta	Asst.Professor
11. Mr. Haragouri Mishra	Asst.Professor
12. Ms. Bijayalaxmi Sabara	Asst.Professor
13. Mr Debashish Patnaik	Administration Executive.
14. Mr Srinibas Nanda	Examcell Executive
15. Mr Abinash Patra	Asst.Professor
16. Mr K.Shyam Sundar Rao	Asst.Professor
17. Mr Shyama Sundar Sahu	Asst.Professor

Agenda and Action Taken:

Considered the minutes of the previous meeting of IQAC and since no corrections / Objections were raised, the minutes are ratified

1. Admission

The marketing team was involved in Online counselling and provisional admission process.

2. Teaching and Learning

- Course preparedness presentation was conducted for the faculty allotted for Odd Semester courses in July
- Considered to review course progress in every month, review also done in presence of committee.
- All theory and lab practices/Project classes for 5th and 7th Semester started on 21st July through online and offline mode.
- All class for 3rd semester students started on 20th August 2020
- Students started using e-resources from cutm courseware for their project and additional information used to complete their course.
- Class work of 7th and 5th semester: The odd semester class work would start from 12th July onwards.

3. Assessment

- EOD was scheduled for the backlog students on 25th July 2020.
- Remedial class for 3rd/5th backlog students has been started from 2nd September 2020.

4. Strategic plan

- Based on the activities in the research centres and expertise, the faculties were advised to get consultancy work and apply for new Govt./Private funded projects.
- Considered: All Lab assistants are instructed to prepare the updated lab timetable and lab manuals within a week for the respective laboratories. They were also instructed to keep the laboratories clean and maintain the lab files in regular intervals. The faculty in charge of the respective lab is instructed to take necessary steps to correct the issues/calibration with the machineries if any.
- In order to have a formal interaction with the students and their parents, the department has conducted a parent's meeting on 22nd September, 2020 online mode. In this meeting HOD, Civil Engineering discussed with each parents' regarding the feedback of the student. Some of the issues raised by the parents were noted and also has been implemented. The parents were advised to contact the respective faculty/mentors or HOD twice in a month to take the feedback of their son/daughter.

5. Culture, Sports and Responsibility

- "Independence Day was celebrated online on 15th August 2020 where students and faculty members.
- National Pharmacy Day was celebrated on 25th September 2020 by School of Pharmacy

6. Mentoring

- Mentor and mentee list of Academic year 2020-21 was circulated among faculties on 7th July.

7. Student Welfare

- Student monitored to follow COVID guide lines and attend physical classes.

8. Faculty Welfare

- All faculty and staffs were advised to get the vaccination by 1st July 2020. They need to get themselves vaccinated with an objective to have a risk free (against Covid 19) work environment.

The meeting was adjourned with thanks to all the members present in meeting.

Nehar Ranjan Kar, Sayanta Saha, Kamini sethy, Ladi ASK Kumar



Centurion University of Technology and Management, Odisha

Minutes of the IQAC Meeting, Balangir campus (July-Sep 2020)

Date: 26.09.2020

Time: 3.00 PM

Venue: Seminar Hall

Members present:

1. Dr. Jayakishan Meher, IQAC Coordinator
2. Mr. Somanath Sarangi, Principal (School of Applied Sciences)
3. Dr. Prafulla Sahu, Principal (School of Pharmacy)
4. Dr. Nilaya Mohanty, Asst Professor & HoD (Physics)
5. Dr. Shantanu Bhattacharya, Asst Professor & HoD (Botany)
6. Dr. Bhairaba Majhi, Asst Professor & HoD (Math)
7. Dr. Srikant Moharana, Asst Professor
8. Dr. Prativa Deep, Asst Professor
9. Mrs. Prativa Satpathy, T & P Coordinator

The following points have been summarized.

1. Admission

Admission team was engaged in various activities like:

- i) Continuous process of wide circulation in digital media & social media was carried out for Promotion for Admission
- ii) Admission team visited exam centers in the peripheral institution and distributed leaflets. In addition to that the team was involved in seat booking, counseling and provisional admission process.
- iii) Student & parents visited to Campus for counseling and admission
- iv) Online Document Verification & Reporting was done in continuous process.
- v) Seat Allotment ERP Registration was conducted.
- vi) Roll number was created and respective I Card distributed.
- vii) Orientation Program was held.

2 Teaching and Learning

- i) The faculty members have been allotted subjects for odd Semester courses.
- ii) Effort has been taken to progress skill and domain course in every month,
- iii) All theory and lab practices/Project classes for 5th Semester started on 21st July through online and offline mode.
- iv) All class for 3rd semester students started with the configured time table.
- v) Students started using e-resources from CUTM courseware for their project and additional information used to complete their course.

3. Assessment

- i) First and second internal assessment conducted for 5th and 3rd Semester.
- ii) The students were instructed to prepare classroom learning record and action learning record on regular basis and checked by the respective teacher.

4. Strategic Plan

- ii) Based on the activities in the research and publications, the faculties were advised to get consultancy work and apply for new Govt./Private funded projects.
- iii) All Lab assistants are instructed to prepare the updated lab timetable and lab manuals for the respective laboratories. They were also instructed to keep the laboratories clean and maintain the lab files in regular intervals.
- iiii) HoD requested faculty to look into any new book requirements for competitive examinations.

5. Culture, Sports and Responsibility (CSR)

- i) Odisha Beauty Expo 2020 (14th January 2020):- The students of CENTURION at Odisha Beauty Expo 2020.
Miss. Ojoswee Sulagna Mishra (Miss 2nd runners up)
Mr. Pritam Kumar Dash (Mr. 2nd Runners up)
Miss. Anju Kumari Behera (Best Ramp walk)
Mr. Soumya Ranjan Behera (Mr. Charming face)
- iiiv) CENTURION PRIORITY TO SANITATION (14th August 2020) We all would have heard the quote "Cleanliness is next to godliness. The mission is to encourage and make aware the younger youth towards the personal as well as environmental cleanliness. So, we are glad to announce our newly made product " Centurion phenyl".
- iv) Program On Fitness & Self Defence conducted on 14th September 2020. Fitness itself might it be from stretching, flexing or aerobic exercise but at the end, it strengthens our body in all possible aspects. The sense of feeling good within us is nothing but fitness. Also, self-defence helps us to prepare for unfortunate situations and develops our mental

and physical well-being. Centurion University of Technology and Management (CUTM) organized a program on fitness and self-defense for students on Zoom which has started from 23rd of September.

6. Seminar

1. PCNM PROGRAM (28TH Febuary 2020):- Centurion University Balangir campus have successfully conducted National Seminar on Phycis and Chemistry of Novel Materials (PCNM),to know more about the topic phycis and chemistry in the presence of Director Pradeep Sarangi sir the event have been successful completed and other members apricated the program.

7. Research and Publication.

2. Ranjan K. Mohapatra, Lucia Pintilie,Venkataramana Kandi, Ashish K. Sarangi,Debadutta Das,Raghaba Sahu,Lina Perekhoda, The recent challenges of highly contagious COVID-19; causing respiratory infections: symptoms, diagnosis, transmission and possible vaccines, Chemical Biology and Drug Design, 96, (2020), 1187-1208. (IF: 2.87)
3. Debadutta Das, Ashish K. Sarangi, Ranjan K. Mohapatra, Pankaj K. Parhi , Ahmed Mahal, Raghaba Sahu, Md. Kudrat-E-Zahan, Aqueous extract of Shikakai; a green solvent for deoximation reaction: Mechanistic approach from experimental to theoretical, Journal of Molecular Liquids, 309, (2020), 113133. (IF: 6.63)
4. Debadutta Das, Ranjan K. Mohapatra, Pankaj K. Parhi, Ashish K. Sarangi, Raghaba Sahu, and Soumya R. Barik, Sustainable and Efficient Route for the Regeneration of Carbonyl Compounds from Oximes Using Aqueous Extract of Sapindus laurifolia under Microwave Radiation, ACS OMEGA, 5, (2020), 7716-7721. (IF: 4.12)
5. **N.K. Mohanty** and Gyanendra Kumar Mishra, Structural and Dielectric Properties of Layered Structure Bismuth Oxide ceramic $\text{SrBi}_2\text{V}_2\text{O}_9$, Indian Journal of Natural Sciences, 10 (60) 22733 (2020)
6. Gyanendra Kumar Mishra and **N.K. Mohanty**, Structural and Impedance Properties of Iron (Fe) based ceramic, Indian Journal of Natural Sciences, 10 (60) 23302 (2020).
7. Nilaya K Mohanty, Santosh Ku Satpathy, Structure-Property relation in Aurivillius Type Materials and Their Applications: Amazan Self publishing, 2020 ISBN-13:979-8588879668
8. Gyanendra Ku Mishra and Nilaya K Mohanty, Properties and Applications of Fe Based High Temperature Superconductor, Amazan Self publishing, 2020, ISBN-13 : 979-8561484759

8. PhD Scholars

The following scholars are pursuing for the degree of Doctor of Philosophy in different subjects and they are producing the improvement to their respective guide.

1. Mrs. Meena Kumari Sahoo (Dept. of Physics)
2. Mr. Gyanendra Mishra (Dept. of Physics)
3. Mr. Tapash Paramanik (Dept. of Botany)

9 Mentoring

- i) All the queries related to different mentees were discussed.
- ii) Mentors were asked to contact the parents of their mentees regarding the internal marks and attendance within a week.
- iii) All concerned mentors were asked to maintain the mentor report in proper format and submit them from time to time. All the reports were verified in the IQAC meeting

Meeting ended with a vote of thanks to the chair





Centurion
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Empowering Communities...*

**Centurion University of Technology and Management
Odisha**

IQAC Minutes of Meeting (Oct–Dec 2020)

DATE: 02.01.2021

TIME: 3.30 p.m.

VENUE: ONLINE MODE

MEMBERS PRESENT:

Sl. No.	Name of the Member	Designation	IQAC
1	Dr. Supriya Pattnayak	Vice-Chancellor, Head of the Institution	Chairperson
2	Dr. Anita Patra	Registrar	Member
3	Mr. Ramakrishna Raju	Civil Society person	External Member
4	Mr. Rakesh Sharma	Student, Regd. No. 190301120079, B.Tech. CSE	Member
5	Ms. SVJ Sirisha	Student, Regd. No. 190804130016, BSc. Agriculture	Member
6	Mr. Manoj Nayak	Alumni, Principal Consultant – IOT, Infosys, Bangalore	External Member
7	Mr. Parvesh Soni	Employer, CEO, SKH Group	External Member
8	Mr. Babu Shankar	Industry person, MD GT Tech	External Member
9	Prof. D N Rao	Vice-President, CUTM	Member
10	Dr. Dipankar Bhattacharyay	Dean SoAS	Member
11	Prof. K V D Prakash	Dean IQAC	Member Secretary
12	Mr. Debasish Panda	CFO	Member

13	Dr. Durga Prasad Padhi	Director Administration	Member
14	Mr. Chitta Pattanayak	Sr. Manager Admin. & HR	Member
15	Dr. Prasanta Kumar Mohanty	Dean, Academic	Member
16	Dr. Satya Prasad Nanda	Dean, Admin. (MSSSoA)	Member
16	Dr. Prajna Pani	Professor in English, Paralakhemundi Camus	Member
17	Dr. Nitesh Badgayan	Dean, SoVET	Member
18	Dr. Atanu Deb	Dean, Students Affair (Paralakhemundi Campus)	Member
19	Dr. Sangram Keshari Swain	Dean, Student Welfare (Bhubaneswar Campus)	Member
20	Dr. Ramesh Ch. Mohanty	Professor in Mechanical Engg, Bhubaneswar Campus	Member
21	Dr. Umakanta Nayak	Dean, School of Management, Bhubaneswar Campus	Member
22	Dr. Girish Prasad Rath	IQAC Coordinator, Assistant Professor in English, Paralakhemundi Campus	Member
23	Dr. Gitanjali Behera	Associate Dean, SoABE	Member
24	Dr. Sambid Swain	Associate Dean, Fisheries	Member
25	Dr. Padmaja Patnaik	Associate Professor in Physics, Bhubaneswar Campus	Member
26	Dr. Dojalisa Sahu	Associate Professor in Chemistry, Bhubaneswar Campus	Member
27	Mr. Himansu Bhusan Samal	Associate Professor, SoPLS	Member
28	Mr. Prabhat Kumar Patnaik	Assistant Professor in ECE, Paralakhemundi Campus	Member
29	Mr. Sunil Biswal	Chief Librarian	Member

30	Dr. Kamal Kumar Barik	Assoc. Professor & HoD, Civil Engg, Bhubaneswar Campus	Member
31	Dr. Jayakishan Meher	Academic Coordinator, Bolangir campus	Member
32	Mr. Somanath Sarangi	Principal, SoAS, Bolangir Campus	Member
33	Dr. Chandra Sekhar Patro	Principal, School of Pharmacy, Rayagada Campus	Member
34	Dr. Jyoti Sayantani	Director, Quality Assurance & Examination	Member
35	Dr. Tapas Bantha	Research Scholar, SoM, CUTM	Member

With due permission of the Chairperson, Prof. KVD Prakash, Dean IQAC and Member Secretary, welcomed all the members of the IQAC to the meeting. He explained the importance and role of IQAC and placed the minutes of the last IQAC meeting along with the Action Taken Report on the decisions taken in the last meeting. The campus wise IQAC meeting minutes were presented by the respective IQAC coordinators of the campuses (Campus wise IQAC minutes attached as annexures). The members were requested to share their views and recommendations on Curriculum Improvement, Teaching and Learning Methods, Research and Development, Examination and Evaluation system and Student Support and Progression.

Discussions were held as per the agenda mentioned below:

Agenda No.1: Confirmation of minutes of the last meeting held on 30th September,2020

Resolved that the minutes of the IQAC meeting held on 30th September,2020 were read and confirmed.

Agenda No.2: Preparation of AQAR for the year 2019-20

A review of the preparations so far was done and improvements and modifications in the presentation of information were suggested.

Agenda No.3: Convocation

8th Convocation of Centurion University was held in online mode on 5th October, 2020. His Excellency, Prof. Ganeshi Lal, Hon'ble Governor of Odisha, graced the occasion. 2300 students received degrees (UG, PG, M. Phil and Doctoral) in various disciplines. 10 students from different schools received Gold medals from the Hon'ble Governor.

Agenda No.4: Teaching and Learning

Induction programme of MBA 2020 batch students was conducted from 1st December to 3rd December 2020 through Online Mode.

Course Progress of 1st Semester students was reviewed and found to be satisfactory.

Mock Interviews from placement drive were conducted for 2017-2021 batch students from 24th to 5th December,2020

36 students got selected and others yet to receive their offer letters from different companies visited / conducted interviews online

Student orientation program was conducted on 16th December 2020 in virtual mode for newly admitted students.

Orientation Program for newly admitted B.Pharm & D.Pharm students was conducted in virtual mode on 18th September 2020.

The syllabus has been revised for the 2020-2021 academic sessions and many advanced subjects and domain courses like Data Science and Machine learning, Cloud Technology, AR/VR and Cyber Security have been introduced.

Agenda No.5: Quality Improvement Initiatives

It is resolved to provide more online resources/ links in addition to CUTM Courseware by the concerned faculty to make the students updated as per industry requirements.

All the faculty members were requested to encourage the students for registering for the JRF and Bank Coaching arranged by the University.

All students are doing practice test in MYPERFECTICE in Verbal, Reasoning and Aptitude classes. They need to complete 188 Tests.

It was decided that the Faculty of Phytopharmacy will prepare a SOP for laboratory instruments required for GMP certification.

The University has collaborated with TCS CSR Youth Employment program (YEP) for increasing employability skills among the non-engineering graduates.

Draft proposals to be submitted to AICTE were reviewed.

Mr. Sourabh Chandra, Founder of ATI Motors, delivered a talk on “Autonomous Electric Vehicles” on 16th Dec,2020 at 3.00pm.

E-workshop on “Doing Passionate Research: Tricks and Skills” was conducted , from 16th march to 18th March 2020,Eminent and distinguished professor and scientist Prof. N. Sundararajan (Retd) from Nanyang Technological University, Singapore, delivered a talk.

The first meeting of the Institution Innovation Council of Centurion University was held in 25th November 2020. The coordinators, members and experts were present in the meeting.

Aman Kumar Gupta of B.Sc final year has participated in policy making organized by NITI AYOOG, Govt. of India on 25th Dec 2020.

Centurion University and Deakin Business School, Australia have entered a collaboration under which the School of Management has got the opportunity to design the undergraduate programs of Deakin Business School. The programs are B.CoM and BBA-Business Analytics.

Agenda No.6: Startup, Innovation and Incubation Initiatives

Centurion Women Entrepreneurship Cell (CWEC) under the aegis of the Center for Innovators and Entrepreneurs (CIE) was inaugurated on 10th December by Ms. Janhabi Phookan, National President, FICCI FLO through an online event

Agenda No.7: Research Centers

A meeting was held among 26 research centres to discuss the progress in two different slots on 21st and 22nd Oct 2020. 21st Oct. Center for Computational Mathematics, Center for AI& Robotics, Center for Space and Earth Sciences, Center for LASers, Center for Data Sciences, Center for New Materials, Center for Medical Diagnostics, Center for Phytopharma, Center for Genetics and Genomics, Center for Drug Design, Center for Agriculture Production, Center for Smart Agriculture, Center for Aquaculture. 22nd Oct (Thursday) --- Center for 3DS Applications, Center for Smart Mobility and Machines, Center for Chip Making, Center for Bio Electronic Devices, Center for Communication Technologies, Center for Smart Infrastructure, Center for Digital Manufacturing, Center for Waste to Wealth, Center for Innovation & Entrepreneurship, Center for Productions, Center for FinTech, Center for Edutech, Center for Governance and Sustainable Societies.

Agenda No.8: Any other item with the permission of the Chair

The Mentors are connected with their respective mentees throughout this quarter over phone and also conducted weak wise online sessions with their respective mentees to discuss their problems if any. At the end each month each mentor shares a brief report of their mentees, which contains all the critical cases. Finally the consulted report generated by the department and shared with the Head of. The department. Every month in the HOD meeting this report is presented in front of the DEAN and higher management.

Online training was arranged to get students ready to appear for placement interviews.

Everyday online mock PI was conducted as part of the students' placement preparedness.

The faculty of various schools participated in FDPs, Seminars, Conferences and Symposia.

(Annexures attached for campus wise details)

Virtual Alumni Meet "Home coming Event" as part of Alumni Connect Initiative was held on 30th Dec 2020 . 50 Alumni working in different places participated and shared their memories.

The meeting was concluded with a vote of thanks to the Chair.



Dean, IQAC
Member Secretary



Vice-Chancellor
Chairperson



Centurion University of Technology and Management, Odisha **Minutes of the IQAC Meeting, Parlakhemundi campus**

Date: 30.12.2020

Time: 4.30 p.m.

Venue: Online

1. Dr. Anita Patra, Registrar
2. Dr. S.P. Nanda, Dean Admin(SoA)
3. Dr. P.S. Rao, Dean SoET (R&D)
4. Prof. Sandipan Pine, Deputy Registrar (Admin.)
5. Mr. S. Kameswara Rao, Deputy Registrar (T&PPlacement)
6. Prof. Prabhat Pattnaik, ECE
7. Prof. Vishal Kumar Singh, HoD, Civil Engg.
8. Prof. Abhilasha Akkala, HoD, CSE
9. Prof. Subhendu Mishra, PGP Coordinator (SoM)
10. Mr. A. Rama Krishna Raju, Nominee from Society.
11. Dr. Girish Prasad Rath, IQAC coordinator.

8th Convocation (Virtual) of the Centurion University in Bhubaneswar Campus was held on

5th October 2020 His Excellency, **Prof. Ganeshi Lal, Hon'ble Governor of Odisha**, graced the occasion. **2300 students** received degrees (UG, PG, M. Phil and Doctoral) in various disciplines.

And **10 students** from different schools received Gold medals from Hon'ble Governor.

Agenda and Action Taken:

CONSIDERED the minutes of the previous meeting of IQAC and since no corrections /
Objections were raised, the minutes are ratified

Admission

Admission team was engaged in various activities like:

- Online Counselling
- Provisional Admission Online
- Digital Media & Social Media Promotion & Admission
- Online Document Verification & Reporting
- Student & Parents Visit Campus Visit for Counselling & Admission
- 2020 Session Batch Handover to Respective schools of department.
- Physical Counselling & Govt. Registration DMET
- Fee Collection
- Final Admission Acknowledgement & Seat Allotment
- ERP Registration & Roll number Creation of respective course
- Digital I Card distribution & Online Orientation Programme
- Seat Cancellation of Provisional Admission
- Merit Scholarship/ Covid Scholarship
- Bihar Govt. Student Credit Card Scheme student Counselling & reporting
- Fee Reimbursement on Cancellation of Admission.

1. Teaching and Learning

- Induction of MBA, MBA DA and MBA Pharmaceutical Management 2020 batch students was conducted from 1st December to 3rd December 2020 through Online.
- Course Progress of 1st Sem students was reviewed and found to be satisfactory.
- The courses of 7th, 5th and 3rd class work completed, Deans reviewed syllabus coverage of all branches.
- Considered to start Career Plan for the first year students. Hence, the baseline test was conducted during the Induction program and the basic information as per the template was captured. Then, later on, it was discussed in Mentoring Classes of the students to work out the details further
- It is resolved to provide more online resources/ links in addition to CUTM Courseware by the concerned faculty to make student updated.
- Newly joined faculty will go to all the laboratories in the campus to get proper orientation
- Personality Development sessions and IELTS sessions are being conducted for students
- The status of students' attendance in regular classes was reviewed. Faculty members were advised to find out the regular absentees and send SMS to their parents regarding the absence of their ward.

2. Assessment

- Considered to use eLab online platform by the departmental concerned faculty having practical component in their course successfully.
- Question bank for odd semester examination of all the departmental core subjects was sent by all the faculty members.
- External and Internal assessment conducted for 7th, 5th and 3rd Semester

3. Student Training

- PI&GD sessions were conducted every day for final year students.
- All the faculty members were requested to encourage the students for registering for the JRF and Bank Coaching arranged by the University.
- All students are doing practice test in MYPERFECTICE in Verbal, Reasoning and Aptitude classes. They need to complete 188 Test.

4. Strategic Plan

- Considered to prepare SOP for laboratory instruments required for GMP certification by Faculty of Phyto-pharmacy
- Considered to develop Diploma course on 'Dairy Processing and development' under phyto-pharma research centre using Doodly and Adobe Spark.
- Considered to develop Diploma course on 'Fruit Processing' under center for phyto-pharma research using Doodly and Adobe Spark.
- Considered: Centurion University has collaborated with TCS CSR Youth Employment program (YEP) for increasing employability skills among the non-engineering graduates.
- Draft proposals to be submitted to AICTE were reviewed.

5. Job preparedness

Mock Interviews from placement drive were conducted for 2017-2021 batch students from 24th to 5th Dec.

6. Culture, Sports and Responsibility (CSR)

- Two months Tennis Training was conducted from 1st NOV -31st Dec, 2020. 10 students participated.
- Two months Table Tennis Training was conducted from 1st NOV -31st Dec, 2020. 10 students participated.
- Two months Physical Fitness Training was conducted from 1st Dec 2020 -31 Jan, 2021 15 students participated.

- Three months Gym Training was conducted 1st NOV -31st Dec, 2020. 15 students participated.

7. Placement

36 students got selected and others yet to receive their offer letters from different companies visited / conducted interviews online. The list of the companies is:

TCS, Lenskart , Accolite Hiring Challenge, Innostax Software Labs Pvt Ltd, Deloitte Consulting India Private, FinPe -Digital India, Plasser India Pvt. Ltd, Skillsanta Cognizant , ZIFO , Maventic ,Rubicon Skill Development Pvt Ltd,McKinley & Rice , Vaya Group , Rubicon Skill Development Pvt Ltd, Innoraft , SQUAREYARDS XL Dynamics India Pvt Ltd, Toppr, Capgemini Tech Challenge 2020",Laxmi Agni Components & Forgings Pvt. Ltd |, GRK Research Laboratories Pvt Ltd, IB GROUP , Infosys , Berger Paints , Darwinbox , BYJU'S , telSpiel ,LeadSquared ,DTDC ,Hawkins Cookers Ltd, GTPL ,Kapil Agro Farm , OMICS International Pvt Ltd, Mahindra Agri Solutions Ltd , Vasudha Project@ BREDS. Ganga Kaveri Seeds Pvt Ltd,Rallis India Limited (A TATA Enterprise), Yard Software Pvt. Ltd .
ALTAIR is providing Internship

8. Management Development Programs/ FDPs

- Mr. Kallol Dutt, Joint Labour Commissioner, Govt. of WB delivered a talk in Webinar on “Recent Changes in Labour Laws” organised by School of Management on 3rd October.
- Prof.Chidananda Behera, Asst. Professor. School of Pharmacy and Life Sciences, Centurion University of Technology and Management, Bhubaneswar, conducted a Workshop on “Formulation Design using Biovia” from 2nd Oct to 8th Oct 2020.
- Mr. Ramakrishna Raju delivered a talk in FDP on “LFA” organised by Center for Governance and Sustainable Societies on 7th and 8th Oct 2020.
- Prof Supriya Pattanayak, Vice Chancellor delivered a talk in FDP on “Critical Thinking” on 9th-10th October.
- Dr. Atanu Deb delivered a talk in FDP on “Social Network Analysis” organised by Center for Governance and Sustainable Societies 12th-14th October
- Dr. Manas Ranjan Kar, M & E Specialist, PPOMU Finance Department, GoO, delivered a talk in FDP on “Anthropological Tools” organised by Center for Governance and Sustainable Societies on 15th October.
- Prof. Smita Mishra Panda delivered a talk in FDP on “Ethnography and ethnographic tools in qualitative research” organised by Center for Governance and Sustainable Societies on 16th-17th October.
- Mr. Nekkanti Satyanarayana, Chartered Accountant, delivered a talk in FDP on “Business Registration” on 22nd Oct .2020
- Prof. Sonali Dash, School of Paramedics & Allied Health Sciences conducted a Webinar on – “Diagnostic aspect of COVID-19” on 1st November 2020.

- Prof. N. Sundararajan (Retd.), Nanyang Technological University, Singapore, delivered a talk on “Doing Passionate Research: Tricks and Skills” on 1st to 4th Dec 2020
- Dr. Pradipta Biswas from Center for Product Design & Manufacturing, IISc Bangalore delivered a talk in FDP on 23rd Dec 2020 from 3.00pm to 4.30pm.
- Mr. Sourabh Chandra, Founder of ATI Motors, delivered a talk on “Autonomous Electric Vehicles” on 16th Dec at 3.00pm. All faculty members from across the campus attended.
- Centurion Women Entrepreneurship Cell (CWEC) under the aegis of the Center for Innovators and Entrepreneurs (CIE) was inaugurated on 10th December by Ms. Janhabi Phookan, National President, FICCI FLO through an online event. Honourable VC CUTM, Dr. Supriya Pattanayak also shared her vision for CWEC and CIE on the occasion.
- E-workshop on “**Doing Passionate Research: Tricks and Skills**” was conducted, from 16th march to 18th march 2020, Eminent and distinguished professor and scientist **Prof.**
 - **N. Sundararajan** (Retd) from Nanyang Technological University, Singapore, delivered a talk. All faculty from across the campus attended the workshop.
- The first meeting of the Institution Innovation Council of Centurion University was held in 25th November 2020. The coordinators, members and experts were present in the meeting.
- Dr. Narayan Panigrahy from Center for Artificial Intelligence and Robotics, DRDO, delivered a talk on 9.12.2020. All faculty across the campus participated.
- Adobe Team presented on “Digital and Creative skilling space” on 1st Dec 2020.

9. Research and Publication

- A meeting was held among 26 research centers to discuss the progress in two different slots on 21st and 22nd Oct 2020.

21st Oct. Center for Computational Mathematics, Center for AI& Robotics, Center for Space and Earth Sciences, Center for LASers, Center for Data Sciences, Center for New Materials, Center for Medical Diagnostics, Center for Phyto-pharma, Center for Genetics and Genomics, Center for Drug Design, Center for Agriculture Production, Center for Smart Agriculture, Center for Aquaculture.

22nd Oct (Thursday) --- Center for 3DS Applications, Center for Smart Mobility and Machines, Center for Chip Making, Center for Bio Electronic Devices, Center for Communication Technologies, Center for Smart Infrastructure, Center for Digital Manufacturing, Center for Waste to Wealth, Center for Innovation & Entrepreneurship, Center for Productions, Center for FinTech, Center for Edutech, Center for Governance and Sustainable Societies.

- All research centers published books and book chapters.
- Faculty published articles in Indian Journal of Natural Science(IJoNS), PalArch’s Journal of Egypt/ Egyptology, Sodha Sanchar Bulletin, International Journal of Modern Agriculture, Shodh Sarita and Bioscience Biotechnology Research Communications,

10. Alumni Engagement

Virtual Alumni Meet “Home coming Event” as part of Alumni Connect Initiative was held on 30th Dec 2020 . 50 Alumni working in different places participated and shared their memories.

11. Faculty welfare.

- Internal Promotion interview was conducted online on 10th and 11th Oct 2020.
- 10th University Foundation Day was observed online on 23rd Dec 2020. The day was celebrated with lots of events like Faculty Cricket Tournament, Musical Chair and Plantation Drive.

The meeting ended with a Vote of Thanks to the Chair

Amita Patra Goswami [Signature]

[Signature]

Subhendu P.

[Signature]



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

Date : 29th Dec 2020

Time : 11.00 AM

Venue : Zoom App

Members Present:

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

Agenda & Action taken

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

Admission related

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

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

Teaching and Learning

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

Assessment

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

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

Student Performance:

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

Students Activity:

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

Students Welfare

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

Student Training:

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

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

Job Preparedness

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

Student Mentoring

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

Placement Training

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

Student Satisfaction Survey

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

Job Preparedness

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

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

Faculty and Staff

Faculty and Staff Welfare

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

Awards Received:

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

Faculty participation in Seminars/Conferences

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

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

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

Faculty requirement and development:

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

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

IT resource:

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

Lab/ workshops development (equipment & others):

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

Physical Facilities:

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

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

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

Facility for e-content:

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

Support and Progression

CSR Activity:

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

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

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

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

Meetings/activities organized by Alumni Association:

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

Details of campus placement:

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

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

Leadership and Management

Professional development / administrative training programmes:

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

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

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

Values and Best Practices

Strategic Plan:

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

Community engagement: Not done in COVID period.

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

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





Centurion University of Technology and Management, Odisha, India
Rayagada Campus

Minutes of IQAC Meeting (Oct-Nov-Dec 2020)

Date: 28.12.2020

Time: 4.30 p.m.

Venue: Staff Common room

1. Mr Rajesh Padhy	Director
2. Dr.Chandra Sekhar Patro	Principal
3. Mr Krushna Prasad Mohapatro	Administrative Officer
4. Dr Gopal Krishna Padhy	Associate Professor
5. Mr. Nihar Ranjan Kar	Asst.Professor
6. Mrs.Kamini Sethy	Asst.Professor
7. Mr. Sukanta Satapathy	Asst.Professor
8. Mr. Dipankar Rath	Asst.Professor
9. Mr. Ladi Alik Kumar	Asst.Professor
10. Ms. Pallishree Bhukta	Asst.Professor
11. Mr. Haragouri Mishra	Asst.Professor
12. Ms. Bijayalaxmi Sabara	Asst.Professor
13. Mr Debashish Pattnaik	Administration Executive.
14. Mr Srinibas Nanda	Exam Cell Executive

Agenda and Action Taken:

Considered the minutes of the previous meeting of IQAC and since no corrections / Objections were raised, the minutes are ratified

1 Admission

Admission team was engaged in various activities like:

- Provisional Admission Online
- Digital Media & Social Media Promotion
- Online Document Verification & Reporting
- Student & Parents Visit to Campus For Counseling and admission Handover to Respective schools of department
- Online Counseling

- Final Admission Acknowledgement
- Seat Allotment ERP Registration
- Roll number Creation of respective course Digital I Card distribution
- Online Orientation Programme Seat Cancellation of Provisional Admission
- Merit Scholarship/ Covid Scholarship
- Fee Reimbursement on Cancellation of Admission.

2 Teaching and Learning

- Course Progress of 1st Semester students was reviewed and found to be satisfactory.
- Considered starting a Career Plan for the first-year students. Hence, the baseline test was conducted during the Induction program and the basic information as per the template was captured. Then, later on, it was discussed in Mentoring Classes of the students to work out the details further
- It is resolved to provide more online resources/ links in addition to CUTM Courseware by the concerned faculty to make students updated.
- Online Course Progress of 5th, 3rd, and Semester reviewed and progress found to be good.
- The status of students' attendance in regular classes was reviewed. Faculty members were advised to find out the regular absentees and send SMS to their parents regarding the absence of their ward.
- Remedial classes for late joining 1st-year students conducted during November 2020

3. Assessment

- Second online internal assessment conducted for 7th, 5th, and 3rd Semester
- Online End Semester and external practice exam conducted for 7th, 5th and 3rd Semester
- All External examinations for the odd semester get over by 20th Dec 2020.
- New Semester for 4th / 6th started on 22nd Dec 2020.

5. Strategic Plan

- The Principal requested faculty to look into any new book requirements for competitive examinations

6. Culture, Sports, and Responsibility (CSR)

- National Pharmacy week was celebrated online from 16th November, 2020 to 22nd November 2020 with theme **Pharmacists: Frontline Health Professionals**
- Several competitions were held for the National Pharmacy Week
- Poster Competition on 17th October 2020
- Quiz competition from 18th November-20th November B.pharm 3rd Sem (winners) D.pharm 1st year (Runners)
- Essay Competition 19th November 2020
- Prize Distribution on 23rd November 2020

7. Mentoring

- All the queries related to different mentees were discussed and recorded.
- Mentors were asked to contact the parents of their mentees regarding the Online internal marks and attendance within a week.
- All concerned mentors were asked to maintain the mentor report in proper format and submit them from time to time.

All the reports were verified in the IQAC meeting And the meeting ended with a vote of thanks to the chair

Nehar Ranjan Kar, Soumitra Saha, Kamini sethy, Ladi Arif Kumar



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Centurion University of Technology and Management, Odisha

Minutes of the IQAC Meeting, Balangir campus (Oct-Dec 2020)

Date: 26.12.2021

Time: 3.30 PM

Venue: Seminar Hall

Members present:

1. Dr. Jayakishan Meher, IQAC Coordinator
2. Mr. Somanath Sarangi, Principal (School of Applied Sciences)
3. Dr. Prafulla Sahu, Principal (School of Pharmacy)
4. Dr. Nilaya Mohanty, Asst Professor & HoD (Physics)
5. Dr. Shantanu Bhattacharya, Asst Professor & HoD (Botany)
6. Dr. Bhairaba Majhi, Asst Professor & HoD (Math)
7. Dr. Srikant Moharana, Asst Professor
8. Dr. Prativa Deep, Asst Professor
9. Mrs. Prativa Satpathy, T & P Coordinator

Agenda and Action Taken:

1. Review of previous IQAC meeting.
2. Admission related
3. Academic activities, Assessment and improvement.
4. Strategic Plan
5. Research activities
6. Review of placement and career counselling
7. Culture, Sports and Responsibility (CSR)
8. Management Development Programs/ FDPs
9. Mentoring
10. Any other point with permission of the chair.

Considered the minutes of the previous meeting of IQAC and since no corrections /

Objections were raised the minutes are ratified.

1. Admission

As the admission is a continuous process, hence admission team was engaged in various activities like:

- i) Digital Media & Social Media Promotion for the ongoing pandemic situation for admission of the upcoming batches were delayed.
- ii) All faculty members were advised by the HoD as well as Dean to help in admission counselling when ever asked by the admission cell.
- iii) The admission coordinator is responsible for all admission related issues. He can take help of any faculty member whenever required.

2 Teaching and Learning

- i) Time-table prepared and circulated among faculty members and students for the even semester batch.
- ii) Classes conducted by faculty members strictly following the Covid Guidelines. Various initiatives were taken such as sharing of conduction of classes in online mode, sharing of recorded video lectures, additional teaching materials, e-books, etc.
- iii) Faculty were advised to visit all the laboratories in the campus to get proper orientation
- iv) Course Progress of all the currently running Semester was reviewed and found to be satisfactory.
- v) Mentoring Classes of the students was designed to work out.
- vi) It is resolved to provide more online resources/ links in addition to CUTM Courseware by the concerned faculty to make student updated.
- vii) Personality Development sessions and IELTS sessions are being conducted for students
- viii) Course Progress of all the existing Semester reviewed and progress found to be good.

3. Assessment

- i) Second internal assessment conducted in presentation mode for all existing Semesters
- ii) Conducted second internal and external assessment for Theory, Practice and Project components.
- iii) End Semester and external practice exam conducted for the existing semester students.

4. Strategic Plan

- i) HoDs requested faculty to look into any new book requirements for competitive examinations.
- ii) Proper mentoring is to be done for analyzing the student's performance and further improvement.
- iii) NAAC related work has been carried.

5. Culture, Sports and Responsibility (CSR)

1. Health Care Companies (6th October 2020):- Health care campaign throughout different villages by Centurion University Bolangir. Student of our University had conducted a health care campaign in many villages to provide health care to different village where it is essential or needed.
2. Leo Badminton Competition (1st November 2020) -There will be many obstacles in the pursuit of your dreams. I had long hours of training, balancing studies and badminton." On the 5th Day (01-11-2020)) of International Leo week Celebration 2021 Leo Club Centurion (JITM) conducted Badminton Match in our Centurion Campus Badminton Court. Under the guidance of our Director Sir Ln Sri Pradeep Ku. Sarangi. It is the Activity of Leo Week Celebration 2020.
3. Cricket Compilation (15th December 2020)- To promote sportsmanship we have conducted a cricket competition between students of Centurion University of Technology and Management, Bolangir.

6. Research and Publication.

1. Ashish Kumar Sarangi, Bipin Bihari Mahapatra, Ranjan Kumar Mohapatra, Sisir Kumar Sethy, Debadutta Das, Lucia Pintilie, Md. Kudrat-E-Zahan, Mohammad Azam, Hemanta Meher, Synthesis and characterization of some binuclear metal complexes with a pentadentate azodye ligand: An experimental and theoretical study, Applied Organometallic Chemistry, 34, (2020), 1-20. (IF: 4.07)
2. Najla M. El-Barasi, Miloud M. Miloud, Marei M. El-ajaily, Ranjan K. Mohapatra, Ashish K. Sarangi, Debadutta Das, Ahmed Mahal, Pankaj K. Parhi, Lucia Pintilie, Soumya R. Barik, Md. Nur Amin Bitu, Md. Kudrat-E-Zahan, Zishan Tabassum, Saud I. Al-Resayes, Mohammad Azam, Synthesis, structural investigations and antimicrobial studies of hydrazone based ternary complexes with Cr(III), Fe(III) and La(III) ions, 24(6), (2020), 492-503. (IF: 4.71)
3. Dibyasingh Mohanta, N.K. Mohanty and Banarji Behera, Effect of Gd on structural, dielectric and electrical transport properties of multiferroic ceramic composite BiFeO₃-NaNbO₃, Composites Part C: Open Access 2 100024 (2020)
4. Santosh Ku Satpathy and Nilaya K Mohanty, Properties and Application of Perovskite material, Amazan Self publishing 2020 (ISBN-13 : 979-8588879668)

7. Mentoring

- i) All the queries related to different mentees were discussed.
- ii) Mentors were asked to contact the parents of their mentees regarding the internal marks and regular attendance.
- iii) All concerned mentors were asked to maintain the mentor report in proper format and submit them from time to time. All the reports were verified in the IQAC meeting

Meeting ended with a vote of thanks to the chair





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Centurion University of Technology and Management Odisha IQAC Minutes of Meeting (Jan–March 2021)

DATE: 08.04.2021

TIME: 11.00 a.m.

VENUE: ONLINE MODE

MEMBERS PRESENT:

Sl. No.	Name of the Member	Designation	IQAC
1	Dr. Supriya Pattnayak	Vice-Chancellor, Head of the Institution	Chairperson
2	Dr. Anita Patra	Registrar	Member
3	Mr. Ramakrishna Raju	Civil Society person	External Member
4	Mr. Rakesh Sharma	Student, Regd. No. 190301120079, B.Tech. CSE	Member
5	Ms. SVJ Sirisha	Student, Regd. No. 190804130016, BSc. Agriculture	Member
6	Mr. Manoj Nayak	Alumni, Principal Consultant – IOT, Infosys, Bangalore	External Member
7	Mr. Parvesh Soni	Employer, CEO, SKH Group	External Member
8	Mr. Babu Shankar	Industry person, MD GT Tech	External Member
9	Prof. D N Rao	Vice-President, CUTM	Member
10	Dr. Dipankar Bhattacharyay	Dean SoAS	Member
11	Prof. K V D Prakash	Dean IQAC	Member Secretary
12	Mr. Debasish Panda	CFO	Member

13	Dr. Durga Prasad Padhi	Director Administration	Member
14	Mr. Chitta Pattanayak	Sr. Manager Admin. & HR	Member
15	Dr. Prasanta Kumar Mohanty	Dean, Academic	Member
16	Dr. Satya Prasad Nanda	Dean, Admin. (MSSSoA)	Member
16	Dr. Prajna Pani	Professor in English, Paralakhemundi Camus	Member
17	Dr. Nitesh Badgayan	Dean, SoVET	Member
18	Dr. Atanu Deb	Dean, Students Affair (Paralakhemundi Campus)	Member
19	Dr. Sangram Keshari Swain	Dean, Student Welfare (Bhubaneswar Campus)	Member
20	Dr. Ramesh Ch. Mohanty	Professor in Mechanical Engg, Bhubaneswar Campus	Member
21	Dr. Umakanta Nayak	Dean, School of Management, Bhubaneswar Campus	Member
22	Dr. Girish Prasad Rath	IQAC Coordinator, Assistant Professor in English, Paralakhemundi Campus	Member
23	Dr. Gitanjali Behera	Associate Dean, SoABE	Member
24	Dr. Sambid Swain	Associate Dean, Fisheries	Member
25	Dr. Padmaja Patnaik	Associate Professor in Physics, Bhubaneswar Campus	Member
26	Dr. Dojalisa Sahu	Associate Professor in Chemistry, Bhubaneswar Campus	Member
27	Mr. Himansu Bhusan Samal	Associate Professor, SoPLS	Member
28	Mr. Prabhat Kumar Patnaik	Assistant Professor in ECE, Paralakhemundi Campus	Member
29	Mr. Sunil Biswal	Chief Librarian	Member

30	Dr. Kamal Kumar Barik	Assoc. Professor & HoD, Civil Engg, Bhubaneswar Campus	Member
31	Dr. Jayakishan Meher	Academic Coordinator, Bolangir campus	Member
32	Mr. Somanath Sarangi	Principal, SoAS, Bolangir Campus	Member
33	Dr. Chandra Sekhar Patro	Principal, School of Pharmacy, Rayagada Campus	Member
34	Dr. Jyoti Sayantani	Director, Quality Assurance & Examination	Member
35	Dr. Tapas Bantha	Research Scholar, SoM, CUTM	Member

With due permission of the Chairperson, Prof. KVD Prakash, Dean IQAC and Member Secretary, welcomed all the members of the IQAC to the meeting. He explained the importance and role of IQAC and placed the minutes of the last IQAC meeting along with the Action Taken Report on the decisions taken in the last meeting. The campus wise IQAC meeting minutes were presented by the respective IQAC coordinators of the campuses (Campus wise IQAC minutes attached as annexures). The members were requested to share their views and recommendations on Curriculum Improvement, Teaching and Learning Methods, Research and Development, Examination and Evaluation system and Student Support and Progression.

Discussions were held as per the agenda mentioned below:

Agenda No.1: Confirmation of minutes of the last meeting held on 2nd January,2021

Resolved that the minutes of the IQAC meeting held on 2nd January,2021 were read and confirmed.

Agenda No.2: Preparation of AQAR for the year 2019-20

A review of the preparations so far was done and improvements and modifications in the presentation of information were suggested.

Agenda No.3: Teaching and Learning

It was decided that Learning Records for all theory and practice courses need to be verified (random samples) by Deans. Students were instructed to send updated learning records online.

Considered for Higher Studies. Coaching for NET/GATE/JAM/JEST would be provided in coming semester.

All domain coordinators were advised to do assessments, Review of Domain projects through External Persons.

Vlab has been developed for uploading E-Lab records.

Agenda No.4: Quality Improvement Initiatives

Students were encouraged to attend at least one SWAYAM course.

Prof. Ladi Alik Kumar has published a Patent on “Artificial Intelligence Based Smart Touchless Medicine Dispensing System” on 19th March 2021.

Prof. Ajay Kumar Prusty has published a Patent on “Prevention Of Food Harmfulness From Production To Customer For Centralized Kitchen Facility Using Iot” on 3rd March 2021.

Prof. Ajay Kumar Prusty has published a Patent on A Method To Measure The Air Pollution Impact On Terrestrial And Natural Vegetation In Urban Locations” on 3rd March 2021.

Prof. Ajay Kumar Prusty has published a Patent on Technique To Gis Modelling Of Water Bodies By Mapping Riparian Vegetation Along The Shore” on 3rd March 2021.

Prof. Ajay Kumar Prusty has published a Patent on “ Eclipta Alba Based Composition For Haemorrhoids And Its Preparation Method Thereof” on 5 th February 2021.

Dr. Sujata Chakrabarty has published a patent on” Smart Attendance And Body Temperature Monitoring System At Working Site” on 12th February 2021.

Exclusive Introductory demo class for competitive Govt. exams were conducted by IAS Gurukul for the students of SoPAHS on 16-03-21. IAS Gurukul is a national level institution that has been helping students to get Government jobs.

Dr. Susanta Kumar Biswal Professor of Chemistry has been elected as Fellow to Hong Kong Chemical Biological, Environmental Engineering Society.

Dr. Bidyut Kumar Kundu was selected as a Visiting Faculty (Assistant Professor) at GSFC University under Gujarat State Fertilizers and Chemicals Limited, P. O, Fertilizer Nagar, Vigyan Bhavan, Vadodara, Gujarat 39175

Dr. Umakanta Nayak, Dr. Susanta Kumar Mishra, Dr. Sabyasachi Dey, Dr. Girija Nandini and Dr. Pramod Kumar Patjoshi were all awarded incentive of Rs 10,000/- for publishing three or more articles (only in Scopus/WoS/UGC CARE indexed journals) between July 2020 and August 2020.

A new laboratory ‘Genetics and Genomics lab’ was set up in the Department of Botany in Bhubaneswar Campus and inauguration was done on 4th Feb, 2021.

The faculty of various schools participated in FDPs, Seminars, Conferences and Symposia.

(Annexures attached for campus wise details)

Agenda No.5: Research Centers

Research Centers were advised to focus on collaborative research, consultancy and projects. All Research centers were advised to work towards producing Patents, Projects and Revenue generation.

Agenda No.6: Project and Consultancy

Dr. Rukmini Mishra received a grant of 30 lakhs from DST, Govt. of India for the project entitled ""Engineering anthracnose resistance in chilli pepper (Capsicum annum L) using a single transcript CRISPR/Cas9 genome editing system "under the scheme of SERB POWER-GRANT.

Agenda No.7: Any other item with the permission of the Chair

CUTM, Timesheet tracker has been installed centrally so that every employee can submit their daily work report from home to the Management every day.

School of Management, Centurion University organized an innovative and action learning oriented program for financial services sector professionals and leaders in Nepal. The training program on "Nano, Micro and SME Entrepreneurship Ecosystem Development " aimed to provide the participants a nuanced understanding of the role, opportunities and challenges specifically related to access to credit and markets among others that NMSMEs face in their evolution.

Remedial Classes were organized for poor performed students by respective subject teaching faculty members.

Special introductory demo classes for competitive Govt. exams were conducted by the SoPAHS with the collaboration of IAS Gurukul on 16-03-21.

Mentors were constantly in touch with their mentees to make them aware about the online class, internal exam, project evaluation, semester exam, payment process etc.

All the students have given their feedback for all the new subjects for M.Sc. programme.

The meeting was concluded with a vote of thanks to the Chair.



Dean, IQAC
Member Secretary



Vice-Chancellor
Chairperson



Centurion University of Technology and Management, Odisha

Minutes of the IQAC Meeting, Parlakhemundi Campus

(January-February-March 2021)

Date: 05.04.2021

Time: 4.30 p.m.

Venue: Online

1. Dr. Anita Patra, Registrar
2. Dr. S.P. Nanda, Dean ,Admin(SoA)
3. Dr. P.S. Rao, , Dean SoET (R&D)
4. Prof. Sandipan Pine ,Deputy Registrar (Admin.)
5. Mr. S. Kameswara Rao, Deputy Registrar (T&P)
6. Prof. Prabhat Pattnaik, ECE
7. Prof. Vishal Kumar Singh, HoD, Civil Engg.
8. Prof. Debendra Mohanrana, HoD, CSE.
9. .Prof. Subhendu Mishra, PGP Coordinator (SoM)
10. Mr. A. Rama Krishna Raju, Nominee from Society.
11. Dr. Girish Prasad Rath, IQAC coordinator.

Agenda and Action Taken:

CONSIDERED the minutes of the previous meeting of IQAC and since no corrections / Objections were raised the minutes are ratified

1. Admission

- Based on the admission data it was considered to emphasis on students placement
- Considered: Each faculty was requested to focus on admission of students through career counseling.
- Leaflets were distributed in various exam centers (JEE Main , NEET, EMCET) in Odisha, Bihar, Jharkhand, Andhra Pradesh, Telengana .
- The admission team was engaged with other activities like online counseling, Online document verification and provisional admission.

2 Teaching and Learning

- Course Progress of 6th,4th and 2nd Semester reviewed and progress found to be good.
- Considered to schedule all lab practices/ project for all subjects to conduct offline starting from March 1st .
- Offline 1st Semester End Term examinations would be held starting from [05 April 2021 - 19 April 2021]
- Considered to instruct all Students to join the offline classes in the university premises from 25 Feb 2021.
- Considered: Videos to be created using Doodly and Adobe Spark (after initial development of sample videos) , domain courses videos to be developed.
- Vlab developed for uploading E-Lab records
- Considered to enroll students in Job Readiness course work.
- Considered to update <http://courseware.cutm.ac.in> with all learning materials. The courseware is digitally aligned to facilitate online learning. All core and domain courses updated.
- IELTS sessions are being conducted for students
- Considered for Higher Studies. Coaching for NET/GATE/JAM/JEST would be provided in coming semester
- Considered: Learning Records for all theory and practice courses need to be verified (random samples) by Deans. Students were instructed to send updated learning records online.

3. Assessment

- All Theory and lab practices/ project exams were conducted online and marks were submitted to exam cell.
- First internal assessment conducted for 8th,6th,4th and 2nd Semester
- All lab practices/ project for all subjects to be complete to conduct offline starting from March 1st in offline mode.

- Offline 1st Semester End Term examinations conducted starting from [05 April 2021 - 19 April 2021]
- Students were instructed to join the offline classes in the university premises from 25 Feb 2021.
- All domain coordinators were informed to start assessments; they were instructed to review of Domain projects through External experts.
- Considered to conduct internal assessments centrally with one online written examination and one online presentation. This change has been made in keeping the view of Covid -19 outbreaks.

4. Student Training

- Students were encouraged to attend at least one SWAYAM course.
- Student ,Faculty and Staff participated in 10th Foundation Day Celebration weeklong program from 15th to 22nd Jan 2021
- On the occasion of Netaji Subhas Chandra Bose's 125th birth anniversary, Students celebrated "ParakramDiwas". On 23rd Jan 2021.
- Placement training going through MyPerfectie platform
.Kiran Kumar Padhy(170101130026) selected in Unschool Internship Program
- Students participated "Unlocked in Locked down" event
- Considered: MBA (DA) students had been given the task of developing ERP dashboard by using their data analytics skills. During COVID when there are limitations for internship, CUTM has taken innovative steps for unleashing their skills.
- All students were advised to take the training for AWS platform. Every Monday from 10-3.pm students need to attend the training program.

5. Strategic Plan

All departmental faculties were informed to update their profile in CUTM website. Faculties were advised to update their Faculty portal for Half yearly Appraisal by 15th March.

- Research Centers were advised to focus on collaborative research, consultancy and projects.
- Considered to conduct the Lab Practices/ Project though 3D experience / Virtual LAB for the registered subjects.
- Considered to counsel students who had less attendance through mentoring.
- Considered: All Research centers should work to produce Patents, Projects and Revenue generation.

6. Job preparedness

- ELTS baseline test on Reading was conducted for all Job Readiness registered students.
- ELTS baseline test on Writing was conducted for all Job Readiness registered students.

7. Culture, Sports and Responsibility (CSR)

- Three days' Workshop on Comics making from 3rd to 5th Jan conducted, 130 students participated.
- CUTM Foundation Day was celebrated from 15th Jan to 22th Jan around 200 students participated.
- Cricket tournament (Teachers Vs. M.Sc. students) was held on 19th Jan.
- Online Story telling competition was conducted on 25th Jan. 62 students participated.
- Tree plantation drive was conducted inside the campus on 1st to 3rd march.
- Online workshop on PRA on 1st march.
- Webinar on Mother Language Day celebration conducted in two phases from 21st to 26 march and 22nd march- 28th march , 60 and 144 students participated respectively.
- Workshop by Literature Club was conducted on 22nd March , 145 students participated.
- Workshop by Music Club was conducted on 22nd March, 45 students participated.
- Workshop by Dance Club was conducted on 22nd March, 320 students participated.
- Workshop by Technology Club was conducted on 22nd March 15 students participated.
- Workshop by Agro-ecology Club was conducted on 22nd March 32 students participated.
- Workshop by Start-up Club was conducted on 22nd March 116 students participated.
- A tree plantation Drive was conducted on 22nd march 76 students participated.
- Hostel cleaning drive was conducted on 22nd march , 116 students participated.
- Campus cleaning drive was conducted , 236 students participated.
- Fresher's Intramural Sports Competitions 2020-2021 (especially for first year students, men & women) in the 3rd week of March 2021 at all campuses of University CUTM Intra College Cricket Tournament 2020-21 from 15 -20 March, 2021.
- Final-year students of the CUTM, Paralakhemundi, celebrated their last moments together by organizing a 'Signature Day on 19-03-2021.

8. Placement

The following companies visited the campus and selected **172** students from different schools/departments

Sai Sustainable Agro,,Gestamp Automotive Chennai Pvt Ltd,WIPRO Campus hiring for 2021 graduating batch,APISERO,,India Pvt. Ltd,Etech Global Services,Infosys Certification program on InfyTQ & Hiring for 2022,Graduating Batch ,Xpressbees Campus Hiring,Laxmi Components & Forgings,Motherson Automotive,MeidaMint,,Nova Agri Tech Ltd,Swiflearn (Incassable Technologies Pvt Ltd),Hindustan Aeronautics Limited (HAL,SKH Group,Cuelogic Technologies ,Extramarks ,OMICS International / PULSUS,Rane Engine Valve Limited (Rane Group),,Pie Infocomm,EDWISOR,Mindfire Solutions ,Medha Servo Drives Pvt. Ltd., .KYB Motor Suspension India Pvt Ltd,,MediaMint Recruitment ,Nobroker,Mahindra Agri Solutions Ltd ,NCC Limited (Formerly Nagarjuna

Construction Company Ltd, Silicon Techlab (STL), Victory Marvel Seeds India Pvt Ltd., (ProFarm Group), TCS and Falcon Feeds conducted interview and selected **172** students from different schools

9. Management Development Programs/ FDPs

- Prof. Debendra Maharana of CSE, Paralakhemundi, participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Computer Science & Biology" from 22-03-2021 to 26-03-2021 at Sri Manakula Vinayagar Engineering College.
- Prof. Debendra Maharana of CSE, Paralakhemundi participated in a One Week Short Term Training Programme On Predictive Analytics Using Artificial Intelligence (STTP-PAUAI), held during 15 - 20, March 2021. The Programme was organized by the Department of Computer Science and Engineering, NRI Institute of Technology, Agiripalli, Krishna Dt., A.P and was Sponsored by All India Council for Technical Education (AICTE), New Delhi.
- Prof. Debendra Maharana of CSE, Paralakhemundi attended the workshop on “Parallel Programming with Python” at Shaastra 2021, IIT Madras on 27-03-2021.
- Prof. Debendra Maharana of CSE, Paralakhemundi participated in the International Seminar on Data Analytics and Deployment of Machine Learning Models (DADMLM) organized online by the Department of Computer Science Engineering and Application, Sambalpur University Institute of Information Technology (SUIIT), Burla, Odisha from 15th to 17th March, 2021.
- Webinar on “Robotics and Allied Technology” held on 10th Feb 2021
- Mr. Sujit Mishra Attended online workshop on CFD application using OPENFOAM in March 16th to 18th 2021
- Dr. Bhisma Narayan Rathawas invited as speaker at the Pratap University in “International E-Seminar Current Trend and Development in Pharmaceutical Research” and delivered talk on Mar 22, 2021. Presentation topic entitled “Insulin amyloidosis and its inhibition”.

10. Patents

- Prof Ladi Alik Kumar has published a Patent on “Artificial Intelligence Based Smart Touchless Medicine Dispensing System” on 19th March 2021.
- Prof. Ajay Kumar Prusty has published a Patent on “Prevention Of Food Harmfulness From Production To Customer For Centralized Kitchen Facility Using Iot” on 3rd March 2021.
- Prof. Ajay Kumar Prusty has published a Patent on A Method To Measure The Air Pollution Impact On Terrestrial And Natural Vegetation In Urban Locations” on 3rd March 2021.
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Shore” on 3rd March 2021.

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Dr. Sujata Chakrabarty has published a patent on” Smart Attendance And Body Temperature Monitoring System At Working Site” on 12th February 2021

11. Research and Publication.

66 papers published by different National and International journals by SoET, SoAS, MSSSoA, SoF and SoM .

- 2 papers were published by Mr. Amit Biswas (1) in American Chemical Society (ACS) Agricultural Science & Technology, Scopus (2) in Pollution Research, Scopus, 1 paper was published by Mr. Subhankar Debnath in Journal of Water and Climate Change, Scopus.
- 2 Papers by Dr. Gitanjali Behera collaborative with Dr. Mitali Madhumita, 2 papers by Miss Sharmistha Sahu, 2 papers by Dr. D.T. Santosh and Mr. Shubhankar Debnath, were published in Conference proceedings National Conference on Sustainable Agriculture International Journal of Bioinformatics and biological sciences from the Department of Agricultural Engineering.
- **26 research centres were engaged in publishing journal articles , book chapters, research and patents**
Center for Computational Mathematics, Center for AI& Robotics, Center for Space and Earth Sciences, Center for Lasers, Center for Data Sciences, Center for New Materials, Center for Medical Diagnostics, Center for Phytopharma, Center for Genetics and Genomics, Center for Drug Design, Center for Agriculture Production, Center for Smart Agriculture, Center for Aquaculture. Center for 3DS Applications, Center for Smart Mobility and Machines, Center for Chip Making, Center for Bio Electronic Devices, Center for Communication Technologies, Center for Smart Infrastructure, Center for Digital Manufacturing, Center for Waste to Wealth, Center for Innovation & Entrepreneurship, Center for Productions, Center for FinTech, Center for Edutech, Center for Governance and Sustainable Societies.

12. Mentoring

- All the queries related to different mentees were discussed and recorded.
- Mentors were asked to contact the parents of their mentees regarding the internal marks and attendance within a week.
- All concerned mentors were asked to maintain the mentor report in proper format and submit them from time to time. All the reports were verified in the IQAC meeting

13. Faculty Welfare

Considered: **Faculty Award** would be announced on Teachers Day every year in an event called "Provost's Research Conclave", from 2021 onwards.

Short Boundary Cricket Tournament for faculty and staff on 20 Jan, 2021. MSSSoA became winner and GTET runners up

- Faculty celebrated International Women's Day 2021 .

The Meeting ended with a vote of thanks to the chair.

Amita Patra Goswami

M. Suresh Kumar

Sanjay

SA



Centurion University of Technology and Management
Bhubaneswar Campus
IQAC Minutes of Meeting (January – March 2021)

Date :03.04.2021

Time : 4PM

Venue : Zoom App

Members Present:

1. Dr. Prashant Kumar Mohanty (Dean Academics)
2. Prof. Jaganath Padhi (Director)
3. Prof. KVD Prakash (Dean-HRD)
4. Dr. Umakanta Nayak (Dean SoM)
5. Prof. Pragyana Parimita Debata (HoD, Mechanical)
6. Dr. Kamal Kumar Barik (HoD, Civil)
7. Dr. Harish Kumar Mohanta (HoD, ECE)
8. Dr. Subrat Kumar Pradhan (IQAC Coordinator ECE)
9. Dr. Ramaprasana Dalai (IQAC Coordinator EEE)
10. Dr. Chittaranjan Sahoo (HoD, Chemistry)
11. Dr. Tumbanath Samantara (HoD, Mathematics)
12. Dr. Kula Bhusan Pradhan (IQAC Coordinator, SoVET)
13. Dr. Nibedita Nayak (IQAC Coordinator Physics)
14. Dr. Shivani Nanda (IQAC Coordinator CSE)
15. Dr. Chinnu Bohidar (IQAC Coordinator SoMC)
16. Dr. Yashaswi Nayak (HoD, Zoology)
17. Dr. Rukmini Mishra (HoD, Botany)
18. Dr. Gurudutta Pattanayak (Dean, SoPLS)
19. Dr. Himansu Bhusan Samal (IQAC Coordinator SoPLS)
20. Dr. Sabyasachi Dey (IQAC Coordinator SoM)
21. Mr. Manzoor Ali (IQAC Coordinator SoPAHS)

Agenda & Plan of Actions to be taken

- New domain and certificate course syllabus has been developed and subjected to approval by the expert committee in BOS meeting
- Complete second semester courses in first and forward mode in online mode keeping in view to the second wave of Covid-19.
- Mentors were asked to talk to the unregistered students and convince them to register their semester subjects ASAP by clearing their Semester Dues.
- Some professors were asked to conduct training classes and suggested to inform the timing and status of the technical training class.
- The CBCS course registration process was guided by the faculties who were asked to guide the students verifying their credit fulfilment.
- A process for updating the profile & publication details at an individual level in the IRINS account was taken up by the faculties.
- With the advent of the new session the even semester time table information was circulated to all the faculties and instructions were issued to conduct online Theory classes and offline practical classes in the light of the prevalent Pandemic situation.
- An advisory was issued to all the faculties to create online courses for Swayam Moocs platform.
- Faculties were asked to complete their assigned Certificate course and Diploma courses.
- The QP & NOS regulation governed the preparation of the assessment questions by the faculties as per the deadlines.
- Mentors were asked to track their mentees for the NAAC feedback.
- All Laboratory practice must be conducted within 15 days on the college campus in physical mode.
- Purchase of any chemical or instrument should be done by inviting quotations from different vendors and should be placed before the purchase committee for approval.
- It was also planned for a parent teacher meeting which we couldn't attend due to covid-19.
- Guide the students for course registration and verify their credit fulfilment.
- Faculties to update their profile & publication details in IRINS account.
- Even semester timetables were circulated to all faculties and faculties were asked to take online Theory classes and offline practical classes as per the timetables because of pandemic.

Admission related

- For the pandemic situation Admission of the new batches was delayed.
- Dr. Kalpita Bhatta was given the charge of admission coordinator so as to help the admission team for foreign brand building of our department and to support the newly joined students for subject registrations and all. She performs her role very well.
- Department faculty members were asked to give a write up about the job perspectives of the syllabus or course they have developed to the admission team so that it could help them during admission counselling.
- Admission team has decided to boost the numbers in the current academic session.
- 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.
- All faculty members were advised by the HoD as well as Dean to help in admission counselling whenever asked by the admission cell.

- B.Sc. Student Orientation Program was conducted on 1st December 2020 & M.Sc Student Orientation Program was conducted on 16th December 2020 in virtual mode for newly admitted students.
- Departmental Website updated with domain visibility addition and incubation of Industry partners was cited for the aspiring candidates to know the department better.
- A fresher's meeting was planned and executed for the students to make them familiar with the Faculty fraternity at the department level and a brief was given regarding exam related queries, CSR activities, academic events and so on trying to build a belongingness of the students with the department.
- Total number of students admitted under the School of Management is 84 for BBA program and 43 for MBA Program (after few students discontinued the program). 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.
- Total number of students admitted under the school for new session: 11 for BA program.
- As discussed with VC madam, there will be no new admission in the School of Media and Communication from 2021-2022.
- Two new Post-graduate programmes in the Department of Pharmacy (M.Pharm in Pharmaceutics and M.Pharm in Industrial Pharmacy) have been proposed as per regulations to the Pharmacy Council of India (PCI).
- Different teams will be formed soon to contact the students from National and International level.

Teaching and Learning

- Online classes were conducted for B.Sc and M.Sc 1st semester students in fast forward mode.
- B.Sc 4th & 6th sem and M.Sc 4th sem classes were conducted physically.
- Internal 1 was conducted successfully.
- First and Final semester examinations conducted successfully in offline mode for SoAS.
- Student's performance observed from the online examinations conducted was very good in comparison to offline examinations.
- Hampered due to Pandemic situation
- Students were encouraged to take online internships to build-up skills and accumulate knowledge.
- Mock interviews were conducted for online placement interviews
- On-line classes on PPT were conducted by placement cell.
- Mentoring was done properly to communicate with students and parents to maintain the communication and motivate students to participate in online classes regularly.
- Survey conducted on students to obtain the feedback on the teaching and learning's in the online mode.
- Faculties were instructed to complete the practical sessions for previous semesters which students were not able to do in the laboratory due to Covid-19.
- Students of first semester were instructed to appear for mandatory demo practice test on icalibrator on 1st February 2021.
- Faculties were instructed to take presentations for second internal of first semester students.
- End Semester exams were postponed to 5th April 2021.
- Due to resurgence of COVID cases, Faculties were requested to make Objective Question paper for End Semester Examination (Scheduled to be held from 5th April) of first semester students and send it qa.qp@cutm.ac.in by 29th March.

- Basic information required for 2020 - 2021 graduating batches were collected for grade sheets and certificates.
- Faculties of all the programmes were instructed to enter and freeze marks for internal theory (II) (continuous theory assessment) /practice in the ERP. The last date of completing the internal mark entry in the ERP & external mark submission at the exam cell is 3rd April 21.
- Due to the current COVID-19 situation, teaching is happening through offline and online processes and it is going smoothly. Students are attending the classes regularly and the shortage of attendance is very less.
- Teachers are taking interactive sessions through project-based learning techniques, which is helpful for the students to understand easily.
- Now all the classes are held regularly, faculty members from BBSR campus are taking classes for all the courses.

Assessment

- 2nd internal assessment of both M.Sc. and B.Sc. 1st semester students were completed in the month of March.
- End- term external practical examination also completed for both M.Sc. and B.Sc. 1stsem students.
- Load distribution, Lesson plan preparation has been completed by respective faculty members.
- PPTs and Videos were prepared and given to respective coordinators.
- 2nd Internal evaluation was completed online as per session plan and uploaded in ERP in time.
- All Laboratory external and Semester examinations were completed by offline mode for 1st year students of every program keeping in view the 2nd cycle of contamination of coronavirus.
- Students were sent home in March last week and during home quarantine online classes and other activities were conducted through online mode.
- 1st internal examination and evaluation (online) was completed for the current batches.
- Semester examination conducted physically for B.Sc 1st and M.Sc 1st sem students.
- Students completed Experiments attending physical lab classes.
- 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.
- The CBCS subject registration was successfully done for the even semester students.
- The M.Tech. syllabus was prepared for the newly introduced course of Data Science.
- Students were accessed for internal examination in online mode through icalibrator.
- Internal II (presentations) were conducted for first semester students in the 1st week of March.
- The End Semester Examination schedule has been released from the examination cell and students are preparing themselves for it.
- Students are accessed by internal and external examination, project, practice and assignment in online as well as offline mode as the offline classes also started following Government of Odisha notification for higher education institutions. Faculty members taking classes for Paralakhemundi campus took their classes in online mode.
- Marks of 1st and 2nd internal were successfully uploaded in ERP for all 1st year students.
- Online tests were conducted for theory papers on the respective subjects for 1st internal.
- Online PowerPoint presentations were conducted for practical papers as their internal evaluation.

Student Performance:

- Result analysis for both B.Sc. and M.Sc. programme was done from 2016 to 2020.
- Odd semester results were out. Results analysed and reviewed.

- Ritu Raj Ghosh of B.Sc final year has participated in quotation competition organized by CSR cell on the occasion of aids awareness program.
- All the odd semester online examination results were published and our departmental students had performed fairly well as compared to offline exams.
- Mentors are advised to take interviews and to take audio recording of their experience of final year students.
- Student performance remains satisfactory during the quarter. Most of the students of BBA and MBA did attend the offline classes but subsequently many students from MBA 4th semester left to join their respective organizations after getting placed and they also got the 'No Objection Certificate' from School of Management. So in terms of placement also the performance of the students have been quite satisfactory.
- All the projects, assignments and presentations will be taken from the students in the online mode.

Students Activity:

- Students were preparing PowerPoint presentations for their second internal test which was on the basis of PowerPoint presentation for all the subjects.
- M.Sc. 4th semester students have visited the Paralakhemundi campus for their project work from January to March on domain protected horticulture, organic farming and food-processing.
- Students were sent home in March last week and during home quarantine online classes and other activities were conducted through online mode.
- Science Club "Illuminati" has organized several competitions on the occasion of National Science Day like Instant Debate, Collage Making, Tech PPT, Science Quiz competition.
- Students are preparing for their second internal test which will be on the basis of PowerPoint presentation.
- Aman Kumar Gupta, 180704100010, 6th Sem BSC Chemistry, Bhubaneswar is the winner in the Patriotic Poetry Writing competition for the occasion of 72 Republic day.
- Akash Kumar Behera, 200705100046, 1st Year MSc. Chemistry, Bhubaneswar is the winner in the Poster making competition for the occasion of 72 Republic day.
- Subhashree Khuntia, 180704100011, 6th Sem BSC Chemistry, Bhubaneswar has participated in Smart Thinker Challenge competition for the occasion of Annual Cultural & Literary Meet Shatajyotee-21 @ Gajajyoti-2021".
- Piyali Deb, 180704100001, 6th Sem BSC Chemistry, Bhubaneswar has participated in Smart Thinker Challenge competition for the occasion of Annual Cultural & Literary Meet Shatajyotee-21 @ Gajajyoti-2021".
- Gajajyoti 2021 was conducted in a very silent manner keeping the pandemic situation in view. Only student's competitions were conducted.
- A Flash mob was arranged as a CSR activity in which CSE students participated depicting the importance of COVID related issues in the form of plays.
- An ice-breaking session was arranged between the final-year and pre-final year ML-domain students for marking a memorable closing day where the gathering was addressed by VC madam. She rendered the best paper award in the Springer Conference to Kanti Sai Kishore, a final year ML domain student.
- Recognition was awarded to another final year ML-domain student Goutam Sahu for his publication in an unpaid journal.
- All the odd semester online examination results were published and our departmental students had performed fairly well as compared to offline exams.

- Different Students activities were organized on behalf of Gajajyoti 2021.
- All the domain projects were evaluated and students were encouraged to publish papers regarding their project.
- Three students of M.Sc. Forensic Science (Sem IV) presented ePoster in 1st International eConference 2021 on ‘Emerging Trends in Forensic Science’ organised by IASR and SIF, held on 30th and 31st January 2021. Students presented ePoster on: Shruti Mishra: Forensic Linguistics: An Emerging Tool for Investigation Bijaylaxmi Jena: Poroscopy: An Emerging Trend in Fingerprints Diptismita Priyadarshini : Hand Geometry Biometrics.
- Students completed their SIP presentation and viva; they were sent to the field for doing their projects for their respective courses. They 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.
- Apart from courseware students will be sharing PPT and videos to the students on a regular basis.
- Students appeared for their second internal test which was held on the basis of a PowerPoint presentation.
- All the newly admitted students are trained on how to use courseware app
- A webinar was organized on “Overview of GMP ” on 6th of March delivered by Dr. Shakti Prassana Sahoo senior manager Sunpharma.

Students Welfare

- A webinar was organized on "CRISPR in Crop Improvement" aims at understanding the basics of genome editing tools, CRISPR-Cas and its applications in crop improvement on 26th January 2021.
- One invited talk was organized by IAS guru institute and all B.Sc. and M.Sc. students have participated.
- One faculty member was deputed as mentor/proctor to 20 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.
- All the students participated and enjoyed the four days annual tech fest Gajajyoti 2021 through online mode.
- Soft copy of all courses as per the syllabus were prepared and uploaded in the courseware app. In the orientation programme, B.Sc and M.Sc 1st sem students were advised to use the app.
- Students were provided with soft copies of assignments, MCQ Questions, numerical etc to help them in online classes.
- Remedial Classes were organized for poor performed students by respective subject teaching faculty members.
- Students from the final year and pre-final year went for internships to different Companies like GTET (CUTM), Apron India (Noida), Appstone (BBSR) etc.
- A final year CSE student Shruti Dash participated and stood second in an International Women’s Day Virtual HACKATHON.
- Our student team comprising Sidharth and his teammates participated in the Global Blockchain Hackathon.
- This process was completely hampered because of the Global Pandemic of COVID 19.
- Mentors/proctors were asked to keep a record of student’s academic activities and to help them in their academic problems.

- Counselling of students was done continuously as in the beginning the attendance level was not up to mark during the offline classes but post counselling, it significantly picked up. Students were advised to maintain social distancing while attending offline classes and wear masks as per the directions of Government of Odisha. University implemented it and the students of the School of Management also followed it.
- Counselling of students was done to clear all their backlogs (if any) by appearing the EoD particularly to the final year students. The counselling sessions for (b) as well as (c) is done by the respective faculty mentors.
- Students are counselled by their mentors regularly through meetings and issues like placement preparedness, academic related issues, outstanding dues and any other problems faced by them were discussed.
- Result analysis of the students' performance in the previous odd semester examination was done for MBA 3rd, BBA 3rd and BBA 5th semester batches.

Student Training:

- Virtual training programme was done for B.Sc. final students. Career counselling with group discussion and personal interview was carried out.
- M.Sc students were trained by IAS Gurukul for various competitive examinations.
- Virtual training programme was done for B.Sc. final students. Career counseling with group discussion and personal interview was carried out.
- The student training for 4th year students was planned and executed to practice coding by the faculty facilitator Sumitha Madam.
- As per the planned activity for student training and coding practice for 3rd year students is done on a regular basis (C, C++, Java, Python)- Weekly 7 classes (Rakesh Kumar Ray, Shivani Nanda, Nilamadhab Dash, Mamata Garanayak).
- Different soft skill training and technical training classes were conducted to make the final year students ready themselves for the placement interviews.
- Students were asked to do the online internship to sharpen their knowledge to join industries after the completion of their degree.
- Students have registered in SFS (Skill for Success) course and they are pursuing the skill courses along with their core courses as well. Job readiness training is also being provided to the students completely in practice mode which is of six credits and it has been made compulsory for all students.
- MBA 1st year students attended a webinar on “Information Systems Strategy Triangle” on 19th February, 2021.
- MBA 1st year and BBA 1st year students appeared for a demonstration test on “Tab based demo exam” on 20th March, 2021. The objective was to make the students acquainted with Tab based examination and gradually move towards a paperless examination system to build an eco friendly environment in the University.
- MBA 1st year students also attended online the “Introductory Workshop on Jagriti Yatra” organized by Center of Innovators and Entrepreneurs (CIE), Centurion University of Technology and Management on 27th March, 2021.
- Students have registered in SFS (Skill for Success) course and they are pursuing the skill courses along with their core courses as well. Job readiness training is also being provided to the students completely in practice mode which is of six credits and it has been made compulsory for all students.

- All the students of both BA and MA students attended a webinar on “Design for Impact” organized by the Centre for Edutech and Skilltech on 27th February 2021.
- Students of Both BA and MA programs under School of Media and Communication participated in a workshop on Radio Jockeying on 31st March 2021.
- Health camp was organized by SoPAHS on 27-02-2021 at Madhusudan building (BBSR) where diabetes screening was carried on by a team from Dr. Mohan’s diabetes specialties center and dental check-up was carried out by Dr. Sanjukta Dongayat. A total of 140 individuals were screened at the health camp.
- World Optometry day Conference was conducted (23-03-2021) at BBSR campus by SoPAHS. Inauguration was done by honorable VC. Through Video conferencing Prof. BNR Subuddhi (HOD, Ophthalmologist, MKGG Medical College) delivered a wonderful speech about Optometrist role and dedication in the field of eye health care and community health care.
- Eye exercises program training was conducted by B. Sc. Optometry students of SoPAHS (BBSR). They visited various branches in the University and carried out the training process. 600 individual persons included in the training.
- Exclusive Introductory demo class for competitive Govt. exams were conducted by IAS Gurukul for the students of SoPAHS on 16-03-21. IAS Gurukul is a national level institution that has been helping students to get Government jobs.

Job Preparedness

- One invited talk was organized by the IAS guru institute. Students have participated and are interested in joining on job preparedness classes. About 82 students joined in IAS guru classes which are being held for weakly four classes.
- Students interested in NET and GATE are advised to take competitive domain subject as their choice for preparation and extra doubt clear classes was carried out by Mr. Srimay Pradhan and Bhagyeeswari Behera for NET and IIT JAM for B.Sc. students.
- NET/GATE classes conducted 3 days in a week
- Arranging for the students to participate in the events for exposure to the current technical knowledge like HACKATHON events, webinars, and expert talks is arranged at the department level.
- Technical classes were conducted for the final year student in online mode.
- Job readiness course offered by SoM for both MBA and BBA students which is of six credits entirely in practice mode. Students also appeared for the baseline test in order to check their current IQ and their readiness so that accordingly the placement training would be given.
- MBA 1st year students attended a “Career Counselling Talk” in offline mode on 16th March, 2021.
- MBA and BBA first year students appeared for the IELTS tests for both reading and listening in online mode on 12th March and 16th March, 2021 respectively.
- MBA 2nd year, BBA 2nd and BBA 3rd year students attended a webinar titled “The Journey from ‘we are sorry to congratulations’, the art of cracking Personal Interview on 15th March, 2021.
- Job readiness course is a compulsory course for BA students which are of six credits entirely in practice mode. Students also appeared for the baseline test in order to check their current IQ and their readiness so that accordingly the placement training would be given.
- Eleven placement done in this period
- Special introductory demo classes for competitive Govt. exams are conducted by the SoPAHS with the collaboration of IAS Gurukul on 16-03-21.

- Meetings with final year students were organized offline on 1st March (for students residing in Odisha) and through an online app on 8th March, 2021 (for students deputed outside Odisha).

Student Mentoring

- Each faculty was taking mentoring classes for newly joined students each week in offline mode.
- Mentors are frequently interacting with students and parents and informing about students attendance on classes and projects. 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.
- At the department level the student mentorship activities involved zoom sessions among the mentors and students with the following issues addressed like: - Credit completion for the final year students. Compliance of the subject registration activities, Motivating students to attend placement classes. Regarding student participation for the internship programmes. Student exit-survey collection.
- Student curriculum feedback collection as per the requirement of the BOS activity.
- 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 are advised to talk with unplaced students to contact the placement cell for more opportunity to get placed.
- Mentors are regularly interacting with parents and informing about academic and personal problems of mentees from time to time.

Student satisfaction Survey

- All the students have given their feedback for all the new subjects for M.Sc. programme.
- Students were instructed to fill up the feedback form online regarding the new syllabus and online semester examination.
- A feedback collection was done with respect to the curriculum in practice from the students (both studying currently and alumni).
- The passing out batch of students were enquired about the areas in which the organization could help them to get better job opportunities.
- Online feedback was taken from Students for the online internal examination centrally and they also gave their feedback for each course studying in their semester through their ERP.

Faculty and Staff

Faculty and Staff Welfare

- Dr. Sagarika Parida reviewed the article entitled “Nutritional, phytochemical and cytotoxicity analyses of Air Potato Dioscorea bulbifera bulbs” by Horizon E-Publishing Group on 26.01.21.
- Dr. Sagarika Parida reviewed for Plant Science Today Journal on 6th March 2021.
- All teaching and non-teaching staff congratulates Mrs. Suchismita Acharya for her new born baby boy.
- Holi and New Year were celebrated among faculty members by sharing sweets, sweets and colours.
- Dr Siba Prasad Parida, Associate Professor, Department of Zoology, was invited as guest of honour and as resource person in many Government organizations.

- Resource person for the Annual Wetland Birds Census, 2021 organized by Chilika Wildlife Division, Chandaka Wildlife Division and Nandankanan Wildlife Sanctuary on 3rd, 4th and 8th of January 2021 respectively.
- Resource person for the Estimation of Estuarine Crocodile census, 2021 organized by Mangrove Forest Division (Wildlife), Rajnagar, Kendrapara, Odisha on 15th January to 22nd January, 2021.
- Resource person for the Annual Status Survey of Dolphins in Odisha, 2021 organized by Mangrove Forest Division (Wildlife), Rajnagar, Kendrapara, Odisha on 16th & 17th January, 2021.
- Resource person for a National Webinar on the topic “WildLife and It’s Prospective in Odisha” organized by Department of Zoology, S.V.M. (Auto) College, Jagatsinghpur on 27th January, 2021.
- Guest of honour for “World Wetland Day” at Nandankanan Zoological Park, Odisha on 2nd February, 2021.
- He has been awarded “Outstanding International Scientist Awards on Engineering, Science and Medicine”, held on 11th & 12th February, 2021 Pondicherry, India organized by VDGGOOD Professional Association.
- Guest of honour for “World Pangolin Day” at Nandankanan Zoological Park, Odisha on 20th February, 2021.
- Resource person for field level training programme for the eco guides/naturalist of Daringbadi Nature Camp, Balliguda, Kandhamala, Odisha on 24th to 26th February, 2021.by Odisha Biodiversity Board, Government of Odisha.
- Guest of honour for “World Wildlife Day” at Nandankanan Zoological Park, Odisha on 3rd March, 2021.
- Resource person for field level training programme for the eco guides / naturalist at Mandasaru Nature Camp, Raikia, Kandhamal, Odisha on 3rd to 5th March, 2021.by Odisha Biodiversity Board, Government of Odisha.
- Resource Person for the training programme on “Rescue and Safe Release of Dolphins” on 12th & 13th March, 2021by Chilika Wildlife Division, Balugaon.
- Resource Person for National Training Programme on Fish Breeding organized by NFBB, Kausalayaganga. Government of India.
- Resource person for field level training programme for the eco guides/naturalist at Nuanai Nature Camp, Puri Wildlife Division, Puri on 22nd to 25th March 2021.by Odisha Biodiversity Board, Government of Odisha.
- Faculty distribution with respect to research centres was done for target oriented research activities to be conducted at the University level.
- Faculties are encouraged to participate in webinars/FDPs/ workshops outside the domain of the Centurion University.
- 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.
- All the faculties from mechanical department have been attending in house CFD training FDP through online by Dr. Sekhar Majumdar.
- An incentive of 10000 was declared for faculties publishing 3 research papers in between July-Dec 2020.

Awards Received:

- Miss Kalpita Bhatta was awarded Ph.D in the month of March 2021.

- Dr. Rukmini Mishra received a grant of 30 lakhs from 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.
- Dr. Yashaswi Nayak was felicitated by Vigyan Prachar Samiti of Cuttack division in their annual function by awarding her Mahamaya Pattanaik Smruti Samman Award for teaching and Research.
- Dr. Rajkumar Mohanta attained the AWS certified DevOps Engineer-Professional in the month of January-2021.
- Dr. Sujata Chakravarty published a patent on 12th February 2021 named Smart Attendance and Body Temperature Monitoring System at Working Site, with application number – 202131001373, (Published 12th February 2021).
- In recognition to her published patent Dr. Sujata Chakravarty, received her patent grant “Multi-Level Security and Detection System to Avert Elephant Accidents at Railway Tracks” with application number –202031035660, Publication date - 04/09/2020, Grant Date – 22nd March 2021, Patent number – 36239.
- Dr. Sujata Chakravarty also chaired a session in Odisha International Conference on Electrical Power Engineering, Communication and Computing Technology (ODICON-2021), on 9th January 2021.
- Dr. Surya narayan Sahoo had gone to CVRGU as a subject matter expert

Research and Publication

- Dr. Sagarika Parida. Medicinal uses of few edible tuber crops by “Dongria Kandha” tribes of Kandhamal district of Odisha, Indian Journal of Traditional Knowledge published on January 2021.
- Dr. Sagarika Parida. In vitro Screening of Psidium guajava Leaf Extracts against Fusariumoxysporum and Aspergillusniger. Bulletin of Environment, Pharmacology and Life Sciences accepted January 2021.
- Dr. Gyanranjan Mahalik, Plants and their Resources which are utilized in Gajalakshmi Puja for Adoring. The Journal of Plant Science Research published January 2021.
- Dr. Gyanranjan Mahalik. A survey on the ethno medicinal plants and antimicrobial activity of *Tridaxprocumbens*L. Research Journal of Pharmacy and Technology (RJPT). Accepted in March 2021.
- Dr. Gyanranjan Mahalik Morphological and Biochemical responses of *Macrotyloma uniflorum* (Lam.) Verdc. To allelopathic effects of *Mikaniamicrantha* Kunth extracts. Heliyon was accepted in February 2021.
- Dr. Rukmini Mishra, Dr. Wei Zheng, Dr. Raj Kumar Joshi, Dr. Kaijun Zhao, Genome editing strategies towards enhancement of rice disease resistance, Rice Science, Elsevier, 1672-6308, February 2021. Published.
- Dr. Richa Sharma, Dr. Bijyalakshmi Mohanty, Dr. Rukmini Mishra, Raj Kumar Joshi, Genome-wide identification and expression analysis of pepper C2H2 zinc finger transcription factors in response to anthracnose pathogen *Colletotrichum truncatum*", 3 Biotech, Springer, 2190-5738, January 2021, published.
- Dr. Satyabrata Nanda, Dr. Rukmini Mishra, Raj Kumar Joshi, Molecular basis of insect resistance in plants: current updates and future prospects". Research Journal of Biotechnology. Research Journal of Biotechnology.0973-6263. January 2021. Published.
- Three research papers of Dr. Tapan Dash,

- One research papers of Dr. Santosh Satpathy
- One research papers of Dr. N. Nayak
- Two research papers of Dr. S. L. Behera were published
- From January 2021 to March 2021 the faculty members of the department communicated research articles in various journals of repute. Some of the research articles were accepted and some of them are published in Scopus indexed, Web of Science and UGC journals.
- 03 number of articles were contributed by Dr Yashaswi Nayak
- 03 number of articles were contributed by Mrs Sunita Sathapaty
- 06 number of articles were contributed by Dr Siba Prasad Parida
- 02 number of articles were contributed by Mr Gagan Kumar Panigrahi
- Dr. Sujata Chakravarty An improved harmony search based extreme learning machine for intrusion detection system, Materials Today: Proceedings 2021.
- Dr. Sujata Chakravarty A novel approach to CAD for the detection of small cell and non-small cell lung cancers Materials Today: Proceedings, Elsevier 2021.
- Dr. Sujata Chakravarty Reversible Selective Embedding for DICOM Image Security and Integrity using Visual Cryptography International Journal of Electronic Security and Digital Forensics 2021.
- Dr. Sujata Chakravarty Covid-19 Outbreak in Orissa: MLR and H-SVR Based Modeling and Forecasting International journal of Computer application in technology.
- Dr. Mamata Garanayak Agricultural Recommendation System for Crops using different machine learning regression methods International journal of agricultural and environmental information system 2021.
- Dr. Suwendu Kumar Nayak A Nobel Secure Framework for user Data Leakage Prevention in IoT-Fog Enable Smart Home.
- Dr. Suwendu kumar Nayak Recommendation System for Music based on Content and Popularity International Journal of Computer Applications in Technology (IJCAT).
- Dr. Sasmita Kumari Nayak Dynamis Task Scheduling using Nature Inspired algorithm Advances in Electrical and Computer Engineering (Submitted).
- Dr. Shreela Dash Adaptive difference expansion image steganography for increasing capacity ICIC Express Letters (Accepted).
- Dr. Shreela Dash High Capacity Multi-level Image Steganography Model Using Neural network.
- Dr. Raj Kumar Mohanta Discover insights and relationships in text using AMAZON comprehend.
- Dr. Raj Kumar Mohanta Amazon Kubernetes - An Open Source Container Management and Orchestration.
- Dr. Shivani Nanda Indoor Vehicle Navigation in Smart Parking using IoT Enabled Wi-Fi Platform.
- Dr. Shivani Nanda Precision Local Positioning in L-shaped Smart Parking Lots Using Wi-Fi Enabled IoT Platform.
- Dr. Rajendra Khadanga Published a paper in IET Renewable Power Generation "Design and Implementation of Interval Type-2 Fuzzy PID Controller Utilizing a Novel Modified Equilibrium Optimization Algorithm for Frequency Control of a Hybrid Distributed Power System" in March-2021.
- Dr. Amit Kumar Sahoo Published a Research Paper on Design of Lagrangian based FOPID controller for desired closed loop system in Journal of Circuits, Systems and Computers

- Dr. Amit Kumar Sahoo Published a Research Paper on Real-time Identification of Fuzzy-PID controlled Maglev System using TLBO based Functional Link Artificial Neural Network in Arabian Journal for Science and Engineering (AJSE))
- Dr. Vijay Kumar Garlapati, Dr. Sudhansu Bhusan Mohapatra, Dr. Ramesh Chandra Mohanty, Dr. Premananda Das, “Transesterified Olax Scandens as a bio-additive: Production and Engine performance studies”, Tribology International, Elsevier, 153, pp. 1-8, Jan 2021 ISSN: 0301-679X.
- One paper is published by Dr, Nitesh Dhar Badgayan on Biomaterials: Finite Element Analysis of HDPE-Based Hybrid Nanocomposite for Potential Use as Liner Material for Total Hip Prosthes under Scopus.
- Ms.Varsha Singh, Ms. Shruti Rajwar, Examination and Identification of Digital Photocopier and Laser Printouts, International Journal of Creative Research Thoughts, ISSN No. 2320-2882.
- Dr. Sipra Karmakar, Dr Bibhunandini Das published an article titled “Skill Gap in Various Sectors: A Review” at International Journal of Multidisciplinary Research, 7 (1), 155-165 (Peer Reviewed).
- Dr. Pramod Patjoshi and Dr. Girija Nandini applied for a seed money project and is under evaluation.
- Dr. Bibhunandini Das and Dr. Madhumita Das also applied for a seed money project and are under evaluation.
- Dr Susanta Kumar Mishra appeared before the expert committee of ICSSR-IMPRESS for evaluation of his applied project on 8th February, 2021.
- Dr. Rudranarayan Sahoo- In Vitro Dissolution Enhancement of Curcumin by Melt Dispersion and Solvent Casting Technique Aided by Molecular Modelling Approach Journal of Global Pharma Technology ISSN Number 0975-8542.
- Dr. Gnyana Ranjan Parida - Cellular and Molecular Mechanism of Liver Fibrosis: A Critical Insight Research Journal of Pharmacy and Technology, ISSN No – 0974-360X.
- Dr. Bikash Ranjan Jena- Formulation Development and Characterization of Levocabastine Hydrochloride Ophthalmic Suspension Acta Scientific Pharmaceutical Sciences (ASPS), ISSN No – 2581-5423.
- Dr. Nihar Ranjan Kar - A Review on Targeting of drugs to Brain, Indian Journal of Natural Sciences.
- Dr. Chaitanya Prasad Meher An in-vitro evaluation of Anti-Inflammatory activity from Ethanolic and Aqueous extract of *Ixora coccinea* World journal of Pharmacy and Pharmaceutical Technology.

Book chapters Published

- Dr. Gyanranjan Mahalik. Traditional Uses of Essential Oils in Aromatherapy. Renu Publishers published a book chapter in February 2021.
- Dr. Gyanranjan Mahalik. Essential Oils Extracted from CO₂ Extraction Method published book chapter in February 2021.
- Dr. Gyanranjan Mahalik. Antimicrobial efficacy of nano-particles for crop protection and sustainable agriculture. Bentham Science accepted in January 2021.
- Dr. Shiv Sankar Das, Dr. Debashree Debadatta Behera, Dr. Nimay Chandra Giri “Clean Energy Applications in Modern World”, Notion Press, edited book: February 2021, ISBN: 9781638069560.

- Dr. Shiv Sankar Das, Dr. Debashree Debadatta Behera, “Framework for Clean Energy Products in Rural Areas of India”, 34th World Conference on Applied Science, Engineering and Technology, International conference: March 2021.
- Dr. S. D. Mohanty, Dr. S. S. Mahapatra, Dr. R. C. Mohanty, Dr. J. Mohapatra, Dr. S. K. Khuntia, and Dr. S. Nayak, “Innovative Methods of EDM Electrode Manufacturing: A Review”, Current Advances in Mechanical Engineering, Springer, Singapore, 2021, ISBN: 978-981-334-795-3. https://doi.org/10.1007/978-981-33-4795-3_87.
- Ms. Varsha Singh, Ms. Shruti Rajwar, Phytochemical screening of Ocimum Sanctum against Pathogenic Bacteria, Lambert Academic Publishing, ISBN No. 978-620-3-30895-2.
- Ms. Shruti Rajwar and Ms. Varsha Singh, Evaluation of Antibacterial Properties of Commercial Probiotics, Lambert Academic Publishing, ISBN No. 978-620-3-30865-5.
- Mr. Bikash Ranjan Jena, Design of Experiments for Pharmaceutical Product Development. Springer, Singapore. ISBN no 978-981-33-4350-4.
- Mr. Haragouri Mishra Formulation and Evaluation of the Sustained release Matrix Tablets Phenylpropanolamine HCL Lambert Academic Publishing, ISBN No 978-620-3-19921-5
- Mr. Amulyaranta Behera Formulation and Evaluation of Transdermal Polymeric Film of Olmesartan Medoxomil Lambert Academic Publishing, ISBN No 978-620-3-30864-8.
- Mr. Gnyana Ranjan Parida Formulation and Characterization of Bioadhesive Tablets of Gliclazide Lambert Academic Publishing, ISBN No 978-620-3-30899-0.
- Mr. Pallishree Bhukta CNS activity of hydro alcoholic extract of Litsea glutinosa Lambert Academic Publishing, ISBN No 978-620-3-30853-2.
- Dr. Deepankar Rath, Hepatoprotective activity of Allophylus serratus, Lambert Academic Publishing ISBN No 978-620-3-40918-5.
- Dr. Biswajeet Acharya, Evaluation of Analgesic Activity of Datura leaves in Albino Rats, Lambert Academic Publishing
- Dr. Swarnajeet Tripathy A physicochemical comparison study of Aloe leave and Aloe Gel Lambert Academic Publishing, ISBN No 978-620-3-30832-7.
- Dr. Lipsa Samal Phytochemical, Pharmacological evaluation of The Plant Nyctanthes Arbor Tritis Linn, Lambert Academic Publishing, ISBN No 978-620-304190-3.
- Dr. Om Prakash Panda, Pyrazole Preparation and uses Lambert Academic Publishing ISBN No978-1-53618-250-7.
- Dr. Biswajit Samantaray, RP-HPLC Study of Rebamipide, Lambert Academic Publishing ISBN No 978-620-3-41003-7.
- Dr. Sucharita Babu, Phytochemical evaluation of plant Limnophila rugosa (Roth) Lambert Academic Publishing, ISBN No 978-620-3-40979-6.
- Dr. Ayushi Pradhan, Formulation and in vitro evaluation of Self micro emulsifying DDS, Lambert Academic Publishing, ISBN No 978-620-3-41082-2.
- Dr. Chitanya Prasad Meher, An in Vitro Study: Evaluation of Antiurolithiatic activity, Lambert Academic Publishing ISBN: 9786203582710.
- Dr. Chitanya Prasad Meher, Designing Orally Active Antimicrobial Drugs, Lambert Academic Publishing, ISBN: 9786203580549.
- Dr. Yashwant Giri, Formulation and evaluation of Cordia Dichotoma as a Binder in Tablet, Lambert Academic Publishing, ISBN-9786203409413.

Teachers awarded National/International fellowship for advanced studies /research during the Quarter:

- Dr. Susanta Kumar Biswal Professor of Chemistry has been elected as Fellow to Hong Kong Chemical Biological, Environmental Engineering Society.
- Dr. Susanta Kumar Biswal is conferred with the International Teacher Award by International Research Association, London.
- Dr. Susanta Kumar Biswal is conferred with outstanding Scientist Award by VD GOOD Professional Association, Tamilnadu, India.
- Dr. Susanta Kumar Biswal Chaired a session in the 2021 8th International Conference on Chemical and Biological Sciences (ICCBS 2021) held in Japan.
- Dr. Bidyut Kumar Kundu was selected as a Visiting Faculty (Assistant Professor) at GSFC University under Gujarat State Fertilizers and Chemicals Limited, P. O, Fertilizer Nagar, Vigyan Bhavan, Vadodara, Gujarat 391750.
- Dr. Umakanta Nayak, Dr. Susanta Kumar Mishra, Dr. Sabyasachi Dey, Dr. Girija Nandini and Dr. Pramod Kumar Patjoshi were all awarded incentive of Rs 10,000/- for publishing three or more articles (only in Scopus/WoS/UGC CARE indexed journals) between July 2020 and August 2020 excluding the bulk publishing done for the UGC CARE journals.

Research Publications in the Journals notified on UGC website:

- Five papers published and 3 papers accepted in the journals notified on the UGC Website.
- Dr. Manoranjan Behera , Dr. Susanta Kumar Biswal , Dr. Mohammed A Ahemad and Dr. Bhabani Shankar Panda, “Demonstration of Enhanced Thermal Stability, Dielectric Constant and Low Tangent Loss by Particle-Reinforced Silver/poly (Vinylidene Difluoride) Polymer Nanocomposites”, *Biointerface Research in Applied Chemistry*, Volume 11, Issue 5, 2021, 12584 – 12595.
- Dr. Susanta Kumar Biswal, Dr. Manoranjan Behera, Dr. Ardhendu Sekhar Rout, Dr. Arpita Tripathy, “Green Synthesis of Silver Nanoparticles Using Raw Fruit Extract of *Mimusops elengi* and their Antimicrobial Study”, *Biointerface Research in Applied Chemistry*, Volume 11, Issue 3, 2021, 10040 – 10051.
- Dr. V. P. Saikishore, Dr. S. K. Biswal, and Dr. R. K. Mohapatra, “A Series of mixed ligand metal ligand metal complexes: Synthesis, Characterization and Molecular docking investigations against CoronaVirus Spike Protein”, *Rasayan J Chem*, Vol. 14 | No. 1 |325-332| January - March | 2021.
- Dr. Archita Sahoo, Dr. Rikina Choudhury, Dr. Rajkumari Supriya Devi, Dr. Sachin Kumar, Srimay Pradhan, Dr. Susanta K Biswal, Dr. Sanjeet Kumar, “Evaluation of medicinal potential and antibacterial activity of selected plants against *Streptococcus mutans*”, *Acta phytotech zootechn*, 24, 2021(1): 9–15.
- Dr. Bidyut Kumar Kundu, Dr. Pragti, Dr. Soumen Biswas, Dr. Abhijit Mondal, Dr. Shyamalava Mazumdar, Dr. Shaikh M. Mobin and Dr. Suman Mukhopadhyay, “Unveiling the urease like intrinsic catalytic activities of two dinuclear nickel complexes towards the in situ syntheses of aminocyanopyridines”, *Dalton Transactions*, Accepted 7th March 2021.
- An article by Dr. Bidyut Kumar Kundu entitled “A molecular modelling approach of some keto based natural drugs with potential antiviral activity towards SARS-CoV-2” has been accepted for publication in *Journal of Clinical Trials and Research*.
- A patent of Dr. Bidyut Kumar Kundu entitled as “Synthesis of aminocyanopyridenes using urea mimetics' ' was published by Intellectual Property of India under Controller General of Patents, Designs & TradeMarks.
- Dr. Debasrita Dash ,Dr. N R Panda and Dr. Dojalisa Sahu, “Sm³⁺ driven enhancement in photocatalytic degradation of hazardous dyes and photoluminescence properties of hexagonal-ZnO nanocolumns”, *IOP Publishing*, 2,2021, 010007

- Dr. Dojalisa Sahu and Dr. Nihar Ranjan Panda, “Exhibition of Novel Photocatalytic Activity and Photoluminescence Properties with High Inhibition towards Bacterial Growth by Hydrothermally Grown ZnO Nanorods”, Current Nanoscience, 2021, 17, 1-8.
- Dr. Shraban Kumar Sahoo, Dr. Gagan Kumar Panigrahi ,Dr. Jitendra Kumar Sahoo ,Dr. Arun Kumar Pradhan ,Dr. Aditya Kumar Purohit ,Dr. Jyoti Prakash Dhal, “Electrospun magnetic polyacrylonitrile-GO hybrid nanofibers for removing Cr(VI) from water”, Journal of Molecular Liquids 326 (2021) 115364.
- Dr. S.Sahu, Dr. Pratap Chhotaray, “Crafting of Nano-rod self-assembling System: From Synthetically Well-designed Triazole based Molecule”, Journal of Sol-Gel Science & Technology (Submitted).
- Seven papers published in the journals notified on the UGC Website for Physics Dept.
- Dr. Swarnalata Jena has communicate 2 research papers entitled “Analytical estimation of energy dissipators: Viscous, Joulian and Darcy of viscoelastic fluid flow phenomena over a deformable surface” , Submitted to Heat Transfer and "Application of Differential Transform method for MHD fluid flow and heat transfer" Submitted to Pramana Journal.
- Dr. T.N. Samantra has communicated 1 research paper entitled “Mixed convective radiative heat transfer in a particle-laden boundary layer fluid over an exponentially stretching permeable surface” Submitted to AIP conference Proceeding.
- Mrs. Saubhgyalaxmi Singh has communicated 2 research papers entitled “Strongly summable Fibonacci difference Geometric sequences defined by Orlicz Functions”, submitted to Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas and “On Some Fractional order Binomial sequence spaces with infinite Matrices”, submitted to New Mathematics and Natural Computation (NMNC).
- 2 research articles of Dr. G. K. Mahato has been accepted from January to March.
- Dr. B. K. Mahatha, Dr. S. B. Padhi, S. Ram, and Dr. G. K. Mahato*, “Radiation, Chemical Reaction and Dissipative Effects on MHD Stagnation Point Nano-Fluid Flow past a Stretchable Melting Surface”, AIP Conference Proceedings (Accepted) (SCOPUS).
- Dr. G. K. Mahato, Dr. S. Ram, Dr. S. B. Padhi, and Dr. B. K. Mahatha*, “Radiative and Convective Heat Transfer on MHD Stagnation point Nanofluid Flow past a Stretchable Surface with Melting”, AIP Conference Proceedings (Accepted) (SCOPUS).

Faculty participation in Seminars/Conferences and Symposia

- Dr. Sagarika Parida participated in FDP on “Entrepreneurship Education: Experience from Africa” on 28th Jan 2021, organized by Navjivan Center for Development.
- Dr. Sagarika Parida participated in the John Wiley & Sons research webinar: Libraries - From crisis to opportunity” on 10th March, 21.
- Dr. Sagarika Parida participated in the SPSR Webinar on ‘Navigating Your Journey from Research To Patent & How Patent and Publication Differ?’ organized by Society of Pharmaceutical Sciences and Research (SPSR) on April 18th, 2021.
- Dr. Sagarika Parida participated in Webinar on “Mental Health & Wellbeing at Workplace” on 15th April, 2021.
- Dr. Sagarika Parida participated in the online UGC sponsored refresher course in Environmental Science, held from 12th to 25th March, 21.
- Dr. Gyanranjan Mahalik participated in an online webinar on Types of Patents in India Organized by Turnip Innovation PVT. LTD. on 16th January 2021.
- Dr. Gyanranjan Mahalik participated in an online webinar on Cancer Awareness organised by Science Committee, Zoology & Biotechnology Department on 14th February 2021.

- Dr. Kalpita Bhatta participated in the International Conference on Biotechnology towards Nutritional Security and Human Health Organized by Department of Biotechnology, Rama Devi Women's University, Vidya Vihar, Bhubaneswar, Odisha, India held on 4th to 6th March, 2021.
- Dr. Bidyut Kumar Kundu has participated in National E Conference in Recent Advances in Applied Physics organized by Department of Physics, SoAS, CUTM on 8th April 2021.
- All faculty members attended the National E-conference On Recent Advances In Applied Physics organized by the Department of Physics, SoAS, CUTM on 8th April 2021.
- Dr. Bidyut Kumar Kundu participated in Second OCS Extended Lecture Series and Sixth Series of National Conference on "Recent Advancement in Materials Science (RAIMS-2020)" organized by Department of Chemistry, Veer Surendra Sai University of Technology, Burla, Sambalpur, Odisha, India held during 22nd –24th January 2021.
- Mrs. Saubhagyalaxmi Singh from our department presented her research paper in Odisha mathematical society (OMS).
- All faculty participate in regular FDP'S organized by Zoological Survey of India based on Faunal Diversity in their Natural Habitat.
- Prof. Debaraj Rana , has participated in 15 days Webinar Series on Raspberry Pi Master Class, from 28th December 2020-13th January, 2021 (Evening Session), organized by Pantech Prolabs India Pvt. Ltd, Tamilnadu.
- Prof. Debaraj Rana, has participated in 15 days Webinar Series on AI Master Class using MATLAB , from 18th January to 1st February, 2021(Evening Session), organized by Pantech Prolabs India Pvt. Ltd, Tamilnadu.
- Prof. Debaraj Rana , has participated in One month Webinar Series on AI Master Class using Python, from 16th February-17th March, 2021 (Evening Session), organized by Pantech Prolabs India Pvt. Ltd, Tamilnadu.
- Prof. Debashree Debadatta Behera presented a paper on "Framework for clean Energy Products in Rural Areas of India", 34th World Conference on Applied Science, Engineering and Technology, International conference: March 2021.
- Dr Sabyasachi Dey Participated in the AICTE sponsored Six Days Online Short Term Training Program (STTP) on "Contemporary Topics in Marketing" held from 22nd – 27th February 2021 organized by the Department of MBA of Ajay Binay Institute of Technology, Cuttack in association with the All India Council for Technical Education (AICTE), New Delhi.
- All the faculty members of School of Management participated in the webinar, "Information Systems Strategy Triangle" on 19th February, 2021 conducted by School of Management.

Faculty requirement and development:

- All faculty members were advised to attend FDPs/ Seminars /Workshops /Online Courses in summer vacation.
- All the faculty members are actively involved towards contributing for their respective research center and all are given time till mid-November to focus on capacity building through attending online FDPs, enrolling and pursuing online courses at Coursera, Udemy etc. All the faculty members of School of Management attended a demo of a statistical software package called "Systat 13.2" through which several statistical analyses can be done just like the most used SPSS software.
- Faculty development programm based on "Grant writing best practice; from research through writing" was organized by Centre for drug design and SoPLS at Madhusudan block, CUTM,BBSR.

- All the faculty members are actively involved towards contributing for their respective research center and all are given time till mid-November to focus on capacity building through attending online FDPs, enrolling and pursuing online courses at Coursera, Udemy etc.

IT resource:

- One virtual room provided with IT resources.
- Biovia Software, JMP genomics and sequencer were used for research.
- All the faculty members are using Google meet and Zoom apps for conducting online meetings during lockdown period. Online classes were conducted on Impartus platform for this currently ongoing semester since 13th July, 2020. Impartus platform was closed since 17.11.2020 and since then all the online classes are being taken by the faculty members through the Google meet platform.
- Faculty members are given the facility of orkund and turnitin to check the plagiarism of their articles before sending for publication.
- CUTM, Timesheet tracker has been installed centrally so that every employee can submit their daily work report from home to the Management every day.

Lab/ workshops development (equipment & others):

- The Department of Botany set up a new laboratory Genetics and Genomics and inauguration was done on 4th Feb, 2021. Chemicals for the Botany lab and new lab were procured.
- Equipment and chemicals were not procured for the laboratory in this quarter.
- A multispectral camera was procured for the ML-domain for agricultural research activities.
- IMFA- MMC back filling material block testing in our ATC lab, UTM for compressive test UCS calculation.

Physical Facilities:

- Classes were done in physical mode for the quarter.
- Proper classrooms provided to each discipline.

Library Facilities:

- Free orkund id is provided to all faculty members centrally to check the similarity index of the manuscripts before submitting to the publisher for the publication. Faculty members are also using Turnitin to check the plagiarism of their research papers and even the PhD scholars are also using Turnitin to check the plagiarism of their thesis.

Facility for e-content:

- 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 courses & Skill courses were designed and developed by different faculties.
- A team of ten people has been created to review the courseware contents. Dr. Sisir Ranjan Dash and Dr. Sabyasachi Dey are also a part of this team and the courseware contents were regularly reviewed by the review team.
- Camera Operator and Video Editing were prepared by Dr. Chinu Bohidar whereas Digital Painting, Adobe Tools and Illustrator and Digital Publishing were prepared by Mr. Saban Maharana. All the contents were prepared by the faculty itself.

CSR Activity:

- M.Sc and B.Sc students participated in 26th January, Republic day parade at CUTM Campus and M.Sc group got the best parade award.
- On the occasion of National Science Day 2021:
 - Event: Instant Debate (Impromptu) on the Pros and Cons of Space Technology and Impacts of Corona Pandemic on Human Society. Winner Manisha Dash, Univ Reg ID: 200705170046, M.Sc. (Bot) 1st year.
 - Event: College Making, Theme: Environmental Impacts of Covid-19 Lockdown: Pros and Cons, Name: Ruplin Nayak, Univ Reg ID: 180704160006, B.Sc. (Bot) 3rd year got first prize. Swagatika Barik Univ Reg ID: 200705170039, M.Sc. (Bot) 1st year got 3rd prize.
 - Event: Tech PPT; Themes: Sustainable Use of Natural Resources: A Need of Future Generations and Colonizing Moon and Other Planets: Future Outlooks: Winner- Tejaswinee Das, Univ Reg ID: 180704160005, B.Sc. (Bot) 3rd year 1st and Ankita Choudhury Univ Reg ID: 200705170059, M.Sc. (Bot) 1st year 3rd.
 - Event: Science Quiz (Team Event): Winner Puspashree Das Univ Reg ID: 200705170063 M.Sc. (Bot) 1st year.
- M.Sc and B.Sc troop took part in 26th January, Republic day parade at CUTM Campus and M.Sc troop got best parade award.
- Aman Kumar Gupta, 180704100010, 6th Sem BSC Chemistry, Bhubaneswar is the winner in the Patriotic Poetry Writing competition for the occasion of 72 Republic day.
- Akash Kumar Behera, 200705100046, 1st Year M.Sc. Chemistry, Bhubaneswar is the winner in the Poster making competition for the occasion of 72 Republic day.
- Subhashree Khuntia, 180704100011, 6th Sem BSC Chemistry, Bhubaneswar has participated in Smart Thinker Challenge competition for the occasion of Annual Cultural & Literary Meet Shatajyotee-21 @ Gajajyoti-2021".
- Piyali Deb, 180704100001, 6th Sem BSC Chemistry, Bhubaneswar has participated in Smart Thinker Challenge competition for the occasion of Annual Cultural & Literary Meet Shatajyotee-21 @ Gajajyoti-2021".
- Students participated in Smart Thinker Challenge competition for the occasion of Annual Cultural & Literary Meet Shatajyotee-21 @ Gajajyoti-2021".
- M.Sc and B.Sc troops took part in 26th January, Republic day parade at CUTM Campus.
- Students took part in Sports activities like Shortput, Discuss throw, Kabaddi and Basketball.
- Different activities were planned for staff and students to celebrate 10 years of Centurion University.
- Students of MBA first year collected funds contributed by themselves and they celebrated women's day on 8th March, 2021 by visiting a few slums and donated sanitary napkins for the women residing in slums.
- Students of School of Media participated in various sports and cultural activities organized by Centurion University of technology and Management.
- 'Click my Pic'- A photography competition was organized by the School of Media and Communication. All the students of BA and MA participated in the internal competition.
- Saraswati Puja Celebration
- Participation In 17th Dhauli Kalinga Mahotsav
- Observation of 72nd Republic Day
- Participation of students in Inter Fresher's Sports Meet
- Participation of Students in Gajajyoti 2021 Events (Painting competition, Handicraft competition, Ad Mad Show, Treasure Hunt).

Meetings/activities organized by Alumni Association:

- Virtual Alumni Meet: Homecoming Event @ Centurion University was conducted on 30-12-2020 from 4:00-6:00pm.

Details of campus placement:

- Muskan Maharana, Archisman Mishra and Rishikesh Mishra from M.Sc program were selected in Nobrokers technology pvt.ltd
- Shital Pradhan of M.Sc was selected in OMICS International Pvt. Ltd
- Nilamadhav Dash of M.Sc has been selected in Pulsus Health Tech LLP, Chennai.
- Both M.Sc and B.Sc Students registered and participated in various campus drives of different companies organized by University.
- B.Sc and M.Sc were encouraged and guided to apply for various competitive exams.
- Both M.Sc and B.Sc Students registered and participated in various campus drives of different companies like cognizant, byjus, Axis Bank, Surya International etc.
- Two of the M.Sc Graduate Students got an offer to join Navodaya Vidyalaya as TGT's.
- Two of the M.Sc Graduate Students qualified for the GATE-2021 examination.
- One student of MSc Graduate got an appointment as Junior Entomologist in Jajpur Primary.
- Students (Preeti Chhanda Rout, Soumya Suravita Mahapatra, Supriya Nayak, Aashirbad Maharana, Lovely Sahoo) got placed in TCS.
- 3 students (Nitish Kumar Mahanand, Aashirbad Maharana, Puspa Karmakar) got placed in Accenture.
- Abdul Rehman got placed in Planet Spark.
- Abhigyan Abhisekh, Rudra Prasad Mohanty got placed in Edwiser.
- Abdul Rehman, Subham Mohanty got placed in Squareyards.
- Lovely Sahoo, Epili Bhargab, Asutosh Nanda got placed in Silicon Techlab Pvt. Ltd.
- 3 students got placed in Extramarks.
- Soumya Prakash Acharya got placed in Pie Infocom.
- Athitra B Nair (170301130004) – TCS – 7th January 2021.
- Sudhir Samal (170301130011) – Bizzrun Management Trainee Sales – 13th Jan 2021.
- Aditya Kumar Sharma (170301130010) - Flexon Technologies – 10th February 2021.
- Sudhir Samal (170301130011) – EDWISOR -15th Feb 2021
- Deblina Chakraborty (170301130013) – SQUAREYARDS – 17th Feb 2021
- Sudhir Samal (170301130011) - SQUAREYARDS – 17th Feb 2021
- Lalit Dash (160301130034), Sudhir Samal (170301130011) – Extramarks – 28th Feb 2021.
- Soumyaranjan Mishra, Subham Patra have been placed in Laxmi Agni Components & Forgings Pvt. Ltd. Maharashtra.
- Mandeep Bose has been placed in Ronch Polymers Pvt. Ltd, Pune
- Rajreeta Dash 192105240007 and Ch. Alisha Patro, 182105240025 placed in Pulsus Health Tech LLP.
- Nine final year students of MBA and two from MBA-DA have been placed at ICICI bank.
- Eight final year students of MBA and one from MBA-DA has been placed at Nucifera Entertainment Pvt. Ltd.
- 1 MBA student was placed at PinClick.
- 3 MBA students were placed at FinPe

No of Students benefited by guidance for competitive examinations and career counselling:

- Kabyashree Diptimayee Sahu cleared GATE exam 2021.
- Students are preparing for NET and other competitive examinations.

Leadership and Management**Professional development / administrative training programmes:**

- Faculties were attending their research center training program every day as per the schedule given by the Registrar.
- Prof (Dr.). Abhinna Chandra Biswal had given a talk on Industrial IOT & Automation
- Dr. Jharna Majumdar had given a talk on autonomous navigating vehicle where all our faculties attended
- In future it was proposed to bring some external experts to provide new research prospective to students and faculties.
- Faculties were attending their research centre training program every day as per the schedule given by the Registrar.
- In future it was proposed to bring some external experts to provide new research prospective to students and faculties.
- All the faculty members got exposure to preparing videos through Doodly and adobe spark and all the faculty members updated their details at IRINS accounts as per the directions of Mr. Sunil Biswal, Chief Librarian, PKD campus.

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

- Dr. Gyanranjan Mahalik participated in a 14 days UGC-Sponsored refresher course in Environmental Sciences organized by UGC-HRDC Utkal University from 12th to 25th March 2021.
- Dr. Gyanranjan Mahalik participated in Virtual Faculty Development Program (FDP) on “Design and Development of MOOCs through SWAYAM” on 23rd March 2021.
- Dr. Gyanranjan Mahalik attended a two week FDP on Patent information course organized by Turnip Innovation PVT. LTD. on 29th March to 11th April 2021.
- Dr. Gyanranjan Mahalik attended, presented and published an abstract in Agri-Vision-2021: International Conferences on Plant Science in the Post Genomic Era organized by Institute of Life Science (ILS), Bhubaneswar on 14th -16th March 2021.
- Dr. Sagarika Parida participated in FDP on ‘Acquiring Digital Competencies In Education; The Next Generation Pharmacist’ on 7th March, 2021.
- Dr. Sagarika Parida participated in FDP on “Design and Development of MOOCs through SWAYAM” on 23rd March, 2021.
- Dr. Sagarika Parida participated in FDP on “Ecosystem for Sustainable Farmer Producer Organization (FPOs) on 9th April, 21.
- Dr. Sagarika Parida participated in FDP on Creating Online Courses through Open Educational Resources (OER)” on 11th Feb. 21.
- Dr. Bidyut Kumar Kundu participated in the international education and skill summit – TIESS-2021 from 27th to 30th January 2021 organized by Indian Didactic Association committed to the progress of education and skill in India.
- Dr. T. Dash invited as a resource person to Kendrapara Autonomous College, Odisha

- Dr. Saubhagyalaxmi Behera presented a paper in the National seminar on Ferroelectric and Dielectrics organized by IQAC and Department of Physics, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in January 2021.
- Dr. S. Behera nominated as a reviewer in Engineering Science and Technology.
- Dr. S. Behera Participated in TEQIP - III sponsored four-day webinar, FMET-2021”.
- Two books Published in Amazon from Centre for New material applications.
- One book Published in Amazon from Centre for Lasers.
- Dr. Sitaram Swain attended SARC-RTMBTCP (Science Academies Refresher Course on Recent Trends in Molecular Biology Technology-Concepts and Practice) at Dr. B. R. Ambedkar University (Dr. BRAU), Srikakulam from March 2nd to 15th 2021.
- Mr. Gagan Kumar Panigrahi was selected to undergo a training program on SKILL VIGYAN at Institute of Life Sciences from March 25th onwards.
- Dr.Yashaswi Nayak attended a 10 day Refresher course in Environmental Science organized by HRDC of Utkal University.
- Prof. Suwendu Kumar Nayak Machine Learning for Natural Language Processing and Internet of Things Department of Computer Science and Engineering, Indian Institute of Technology Roorkee 22-01-2021 to 26-01-2021.
- Prof. Sasmita Kumari Nayak Machine Learning for Natural Language Processing and Internet of Things) Department of Computer Science and Engineering, Indian Institute of Technology Roorkee. 22-01-2021 to 26-01-2021.
- Prof. Sasmita Kumari Nayak Advancement of Intelligent System and Computation Computer Science & Engineering, JIS College of Engineering, West Bengal 20.04.2021 - 24.04.2021.
- Prof. Shivani Nanda Advancement of Intelligent System and Computation Computer Science & Engineering, JIS College of Engineering, West Bengal 20.04.2021 - 24.04.2021.
- Prof. Raj Kumar Mohanta Machine Learning for Natural Language Processing and Internet of Things Department of Computer Science and Engineering, Indian Institute of Technology Roorkee. . 22-01-2021 to 26-01-2021.
- Prof. Raj Kumar Mohanta NPTEL Online Course on Introduction to Soft Computing Indian Institute of Technology, Kharagpur 18-01-2021 to 21-03-2021.
- Prof. Raj Kumar Mohanta Machine Learning Master Class Pantech Prolabs India Pvt. Ltd. 19-04-2021 to 23-04-2021.
- Mr. Debaraj Rana, has participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Photography" from 9th February to 13th February 2021 at Dayalbagh Educational Institute, Agra, UP.
- Mr. Debaraj Rana, has participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on “Robotics" from 23rd February to 27th February 2021 at Shri Vishnu Engineering College for Women, AP.
- Dr. Rama Prasanna Dalai Attended 2 days training program on Solar Photovoltaic system design from 1st to 2nd March 2021, Attended a webinar on Applying Python in teaching & learning on 17th Jan 2021 Attended 2 days webinar on energy efficient distribution system from 8th to 9th Jan 2021 Completed Coursera Certification course on Introduction to Programming with MATLAB on 12th March 2021 Completed AI MASTER CLASS USING MATLAB at Pantech Prolabs India pvt ltd from 18th Jan to 1st Feb 2021.
- Dr. Surya Narayan Sahu Successfully completed Online FDP on Image Processing Using MATLAB (5 Days Workshop).

- Dr. Nimay Chandra Giri (CREE) successfully completed Designing Teaching under Outcome Based Education (ICT256) by NITTTR Kolkata, 25-29-1-21. Attended Skill Assessment in Laboratory and Guiding Students' Project (ICT289), NITTTR Kolkata, 22-26-2-21 Attended Entrepreneurship training in Renewable Energy Sector, 20-1-21. Attended Gateway to Green Power Monitoring, 10-02-21.
- Dr. Nanda Kishore Ray Attended One week (18-23 Jan 2021) Teachers Training Program on "Futuristic Techniques of Artificial Intelligence for Smart Grid management" organised by Oriental Institute of Science & Technology, Bhopal.
- Dr. Amit Kumar Sahoo Attended a NBA workshop on Outcome Based Education (OBE) & Accreditation on 18th February 2021.
- Prof. Debashree Debadatta Behera attended webinar on Supporting Clean Energy Technology Adoption in Jharkhand MSME on 13th February 2021.
- Prof. Debashree Debadatta Behera, Dr. R.C. Mohanty, Prof. Manas Ranjan Padhi attended regular CFD training delivered by Dr. Sekhar Majumdar.
- Dr. Sabyasachi Dey Participated in the AICTE sponsored Six Days Online Short Term Training Program (STTP) on "Contemporary Topics in Marketing" held from 22nd – 27th February 2021 organized by the Department of MBA of Ajay Binay Institute of Technology, Cuttack in association with the All India Council for Technical Education (AICTE), New Delhi.
- Dr. AmulyaRatna Behera, Mr. Chinmaya Chidananda Behera, Mr. Himansu Bhusan Samal Mr. Suman Kumar Mekap, Mr Ashirbad Nanda, Mr. Rudra Narayan Sahoo, Mr. Vivek Barik, Ms. Lipsa Samal, Miss Sucharita Babu, Ms. Jyoshna Rani Dash have completed certification programme on Good Clinical Practice (GCP).

Strategic Plan:

- Research activity was done on Genetics and genomics and drug discovery and it was planned to set up a genomics laboratory.
- Planning to organize national and international conferences.
- To increase the number of research publications within these six months so as to have a good score in NIRF.
- 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 modify the M.Sc syllabus by introducing new skill and domain courses.
- Planning to introduce a new M.Sc course in nano and composite materials
- To train all students for various national competitive examinations like JAM/NET/GATE etc.
- Each research center was asked to publish at least 1 book & 1 patent.
- Ph.D faculties were asked to submit project proposal for different funding agencies
- To increase the number of research publications within these six months.
- Team SoM also submitted the data for Atal Ranking for Institutions Innovation Achievement (ARIIA) for the University on 31st March, 2021.
- It is decided to arrange more pre-placement training for interested students for marketing and other Jobs.

Community engagement:

- Both B.Sc and M.Sc Botany students visited the Asha Kiran Home to share their love and affection towards the inmates on 26th Jan 2021
- Both B.Sc and M.Sc 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 by following Covid-19 guidelines.
- School of Management, Centurion University organized an innovative and action learning oriented program for financial services sector professionals and leaders in Nepal. The training program on "Nano, Micro and SME Entrepreneurship Ecosystem Development " aimed to provide the participants a nuanced understanding of the role, opportunities and challenges specifically related to access to credit and markets among others that NMSMEs face in their evolution. The program was designed to help the Banking and Micro-Credit sectors in Nepal to identify, assess and foster the development of social entrepreneurship in key sectors such as agriculture and other industries. The program was coordinated by Dr. Umakanta Nayak, Dr. Girija Nandini and Dr. Madhumita Das. Students from BBA, MBA also assisted the faculties during the training program.

Consultancy:

- Dr. Rukmini Mishra received a grant of 30 lakhs from DST, Govt. of India for the project entitled "Engineering anthracnose resistance in chilli pepper (*Capsicum annum L*) using a single transcript CRISPR/Cas9 genome editing system "under the scheme of SERB POWER-GRANT.
- Dr Rukmini Mishra has virtually defended her DBT project entitled "Eco Typing, chemotyping and genotyping of *Embeliaribes Brum F.* for authentic identification, selection and conservation of elites which was shortlisted by Joint DBT-AYUSH Expert Committee. It is under consideration.
- There was a meeting at the departmental level to apply for more projects to different funding agencies.
- Dr. Srikanta Sahu has submitted a project entitled as "Development of turn on fluorescent probes for early detection of cancer and their potential applications in real-time tumor surgery of critical organs" to **SERB-DST**
- A project proposal on PEST control in agriculture was submitted to BIRAC.





Centurion University of Technology and Management, Odisha, India
Rayagada Campus
Minutes of IQAC Meeting (Jan-Feb-March 2021)

Date: 06.04.2021

Time: 4.30 p.m.

Venue: Staff Common room

1. Mr Rajesh padhy	Director
2. Dr.Chandra sekhar Patro	Principal
3. Mr Krushna Prasad mohapatro	Administrative officer
4. Dr Gopal Krishna padhy	Associate professor
5. Mr. Nihar Ranjan Kar	Asst.professor
6. Mrs.Kamini sethy	Asst.professor
7. Mr. Sukanta Satapathy	Asst.professor
8. Mr. Dipankar Rath	Asst.professor
9. Mr. Ladi Alik kumar	Asst.professor
10. Ms. Pallishree Bhukta	Asst.professor
11. Mr. Haragouri Mishra	Asst.professor
12. Ms. Bijayalaxmi Sabara	Asst.professor
13. Mr Debashish pattnaik	Administration executive.
14. Mr Srinibas Nanda	Examcell Executive

Agenda and Action Taken:

CONSIDERED the minutes of the previous meeting of IQAC and since no corrections / Objections were raised the minutes are ratified

1. Admission

- Based on the admission data it was considered to emphasize on students' placement and training
- Considered: Each faculty was requested to focus on admission of students through career counselling. At least each faculty was suggested to provide 4 students for admission

- Leaflets were distributed in various exam centers (JEE Main , OJEE) in Rayagada and Koraput District, Odisha,.
- The admission team was engaged with other activities like online counselling, Online document verification and provisional admission.

2. Teaching and Learning

- Course Progress of 6th,4th and 2nd Semester reviewed and progress found to be good.
- Considered to schedule all lab practices/ project for all subjects to conduct offline starting from March 1st .
- Offline 1st Semester End Term examinations would be held starting from [05 April 2021 - 19 April 2021]
- Considered to instruct all Students to join the offline classes in the university premises from 25 Feb 2021.
- Considered to update <http://courseware.cutm.ac.in> with all learning materials. The courseware is digitally aligned to facilitate online learning. All core and domain courses updated.
- Considered for Higher Studies. Coaching for GPAT would be provided in coming semester
- Considered: Learning Records for all theory and practice courses need to be verified (random samples) by Principal and Dr.Gopal Krishna Padhy
- All faculties were asked to submit their course progress report on a weekly basis and also a Google sheet was circulated to fill it up
- Faculties were asked to take extra classes for late registered first year students.
- All professors were asked to use the Big blue button for an online teaching platform.
- All mentors were suggested to check the Credit requirement of final year students and monitor their mentees credit calculation such that they won't face last moment credit shortage problems.
- All Professors were asked to conduct 2nd internal by taking presentations from students.
- IRINS Account, ORCID and Google Scholar accounts were created and updated.
- Online classes were scheduled and taken through Big Blue Button.

3. Assessment

- All Theory and lab practices/ project exams were conducted online and marks were submitted to exam cell.
- First internal assessment conducted for 8th,6th,4th and 2nd Semester
- All lab practices/ project for all subjects to be complete to conduct offline starting from March 1st in offline mode.
- Offline 1st Semester End Term examinations conducted starting from [05 April 2021 - 19 April 2021]
- Students were instructed to join the offline classes in the university premises from 25 Feb 2021.
- All coordinators were informed to start assessments
- Considered to conduct internal assessments centrally with one online written examination and one online presentation. This change has been made in keeping the view of Covid -19 outbreaks
- Student Feedback is also collected on teaching and learning by the HOD and is communicated to the respective faculty members to bring further improvement in weak areas

4. Student Training and Mentoring

- Students were encouraged to make presentation for making ready for National Seminars
- On the occasion of Netaji Subhas Chandra Bose's 125th birth anniversary, Students celebrated "ParakramDiwas". On 23rd Jan 2021.

- On the occasion of 73rd Republic Day, Students celebrated “Republic Day”. On 26th Jan 2021.
- The Mentors are connected with their respective mentees throughout this quarter over phone and also conducted weak wise online sessions with their respective mentees to discuss their problems if any. At the end each month each mentor shares a brief report of their mentees, which contains all the critical cases. Finally, the consulted report generated by the department and shared with the . The department.
The important issues addressed are like.
 - i) Individual backlogs and action plan
 - ii) Issues raised by students during online classes
 - iii) Training and Placement related issues
 - iv) Admission Fees related issues
 - v) EOD related issues
 - vi) Specific issues if any
- Online mentoring was carried out each week especially for newly joined students.
- Mentors are frequently interacting with students and parents and informing about online classes and projects. Academic updates and personal problems of mentees are being followed strictly.

5. Strategic Plan

- All departmental faculties were informed to update their profile in CUTM website. Faculties were advised to update their Faculty portal for Half yearly Appraisal by 15th March.
- Research Centres were advised to focus on collaborative research, consultancy and projects.
- Considered to conduct the Lab Practices/ Project though 3D experience / Virtual LAB for the registered subjects.
- Considered to counsel students who had less attendance through mentoring.
- Considered: All Research centres should work to produce Patents, Projects and Revenue generation.
- The admission coordinator is responsible for all admission related issues and will guide the students in this regard. He can take help from any faculty member whenever required

6. Culture, Sports and Responsibility (CSR)

- Fresher’s Intramural Sports Competitions 2020-2021 (especially for first year students, men & women) in the 3rd week of March 2021 at all campuses of university
- Tree plantation drive was conducted inside the campus on 1 st to 3rd March, 2021.

7. Management Development Programs/ FDPs

- 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 Principal/Director.
- Incentives of 10,000/- were declared for faculties publishing 3 research papers in between July-Dec 2020.

Faculty participation in Seminars/Conferences

- Dr. Gopal Krishna Padhy participated in All India Council of Technical Education (AICTE) sponsored On-line Short Term Training Programme (STTP) entitled 'Integrating Research in Basic

Science with Applied Pharmaceutical Science" organized by Roland Institute of Pharmaceutical Sciences, Berhampur, Odisha during 1" to 6th March, 2021

- Dr. Gopal Krishna Padhy successfully completed the refresher program on "IMPLEMENTATION OF QBD/ DOE PARADIGMS FOR PHARMACEUTICAL RESEARCH" Organized by Research Journal of Pharmacy and Life Sciences (RIPLS), India, conducted online on 14 March 2021.
- Mr. Haragouri Mishra participated in All India Council of Technical Education (AICTE) sponsored On-line Short Term Training Programme (STTP) entitled 'Integrating Research in Basic Science with Applied Pharmaceutical Science" organized by Roland Institute of Pharmaceutical Sciences, Berhampur, Odisha during 1" to 6th March, 2021
- Mr. Haragouri Mishra successfully completed the refresher program on "IMPLEMENTATION OF QBD/ DOE PARADIGMS FOR PHARMACEUTICAL RESEARCH" Organized by Research Journal of Pharmacy and Life Sciences (RIPLS), India, conducted online on 14 March 2021.

Library Facilities:

- In the Departmental library all books are there for each subject. For upcoming academic sessions foreign author books will be procured for references.
- List of books given to the library for purchase.
- List of Books (Texts & References) for the upcoming course submitted to the library for procurement.
- In the department, some books have been purchased as per the requirement of Faculties. Facility for e-content:
- Notes and ppt were prepared by faculties of respective subjects.
- Faculty members are preparing E-contents for certificate courses on behalf of their research centre.
- E-Content is being prepared by the faculty members for their own courses handled by them and regularly the contents are updated in the courseware.
- Faculty members prepared E-content of their respective subjects they taught that was collected centrally by the University and uploaded in the website for reference by the students.
- Faculty members are preparing E-contents for certificate courses on behalf of their research centre.

Support and Progression CSR Activity:

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

The Meeting ended with a vote of thanks to the chair.

Nehar Ranjan Kar, Sayanta Sekhary, Karmeni sethy, Ladi Arick Kumar



Centurion University of Technology and Management, Odisha

Minutes of the IQAC Meeting, Balangir campus (Jan-March 2021)

Date: 02.04.2021

Time: 3.00 p.m.

Venue: Seminar Hall

Members present:

1. Dr. Jayakishan Meher, IQAC Coordinator
2. Mr. Somanath Sarangi, Principal (School of Applied Sciences)
3. Dr. Prafulla Sahu, Principal (School of Pharmacy)
4. Dr. Nilaya Kumar Mohanty, Asst Professor & HoD (Physics)
5. Dr. Shantanu Bhattacharya, Asst Professor & HoD (Botany)
6. Dr. Bhairaba Majhi, Asst Professor & HoD (Math)
7. Dr. Srikant Moharana, Asst Professor
8. Dr. Prativa Deep, Asst Professor
9. Mrs. Prativa Satpathy, T & P Coordinator

Agenda and plan of action to be taken:

- i. Faculty members have been engaged for preparation of new domain and certificate courses
- ii. Complete second semester courses started in online mode keeping in view to the second wave of Covid-19.
- iii. Mentors were asked to talk to the unregistered students and convince them to register their semester subjects ASAP by clearing their Semester Dues.
- iv. The CBCS course registration process was guided by the faculty members regarding the verification of credit fulfillment.
- v. A process for updating the profile & publication details at an individual level in the IRINS account was taken up by the faculties.
- vi. With the advent of the new session the even semester time table information was circulated to all the faculties and instructions were issued to conduct online Theory classes and offline practical classes in the light of the prevalent Pandemic situation.

- vii. Mentors were asked to track their mentees for the NAAC feedback.
- viii. All Laboratory practice must be conducted within two weeks on the college campus in physical mode.
- ix. Even semester timetables were circulated to all faculties and faculties were asked to take online Theory classes and offline practical classes as per the timetables because of pandemic

1. Admission

Admission team was engaged in various activities like:

- i) Telephone calling for counseling the aspirants
- ii) Provisional Admission booking
- iii) Promoting the university through Digital Media & Social Media for admission purpose
- iv) Department faculty members were asked to give a write up about the job perspectives of the syllabus or course they have developed to the admission team so that it could help them during admission counselling.
- v) All faculty members were requested for counseling the students
- vi) For arranging the visit of Student & Parents to Campus for Counseling and admission

2 Teaching and Learning

- i) Online classes were conducted for B.Sc and M.Sc 1st semester students carried in fast forward mode
- ii) B.Sc 4th & 6th sem and M.Sc 4th sem classes were conducted physically.
- iii) Internal examination-1 was conducted successfully.
- iv) First and Final semester examinations conducted successfully in offline mode for SoAS.
- v) Student's performance observed from the online examinations conducted was very good in comparison to offline examinations.
- vi) Mentoring was done properly to communicate with students and parents to maintain the communication and motivate students to participate in online classes regularly.
- vii) Survey conducted on students to obtain the feedback on the teaching and learning's in the online mode.
- viii) Faculties were instructed to complete the practical sessions for previous semesters which students were not able to do in the laboratory due to Covid-19.
- ix) Students of first semester were instructed to appear for mandatory demo practice test on icalibrator on 1st February 2021.
- x) Faculties were instructed to take presentations for second internal of first semester students.
- xi) Due to COVID cases, Faculties were requested to make Objective Question paper for End Semester Examination (Scheduled to be held from 5th April) of first semester students.

xii) Basic information required for 2020 - 2021 graduating batches were collected for grade sheets and certificates.

3. Assessment

- i. Both M.Sc. and B.Sc. 1st semester students have completed 2nd internal assessment in the month of March.
- ii. Both M.Sc. and B.Sc. 1st sem students have completed the end- term external practical examination.
- iii. Lesson plan preparation has been completed by respective faculty members with load distribution.
- iv. All Laboratory external and Semester examinations were completed by offline mode for 1st year students.
- v. 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.
- vi. Internal II (presentations) were conducted for first semester students in the 1st week of March.
- vii. Marks of 1st and 2nd internal were successfully uploaded in ERP for all 1st year students.
- viii. Online tests were conducted for theory papers on the respective subjects for 1st internal.
- ix. Online PowerPoint presentations were conducted for practical papers as their internal evaluation.
- x. Results analysis has been reviewed from 2016 to 2020.

4. Student Training

- i) Considered to provide Company Specific training as per need to the students ready for industry.
- ii) All students are doing practice test in MYPERFECTICE in Verbal , Reasoning and Aptitude classes.

5. Strategic Plan

- i) HoD requested faculty to look into any new book requirements for competitive examinations.

6. Job preparedness

Students interested in NET and GATE are advised to take competitive domain subject as their choice for preparation and extra doubt clear classes

7. Culture, Sports and Responsibility (CSR)

- i) Getting tested for COVID-19 on Dt.-08th January 2021, The COVID-19 test of all the Faculties of our CENTURION UNIVERSITY JITM, CENTURION PUBLIC SCHOOL, CONCEPT BLOSSOMS SCHOOL, HELLO KIDS BOLANGIR has been successfully conducted.
- ii) National Youth Day Celebrations:- On the auspicious occasion of National Youth Day, i.e., the birth anniversary of Swami Vivekananda on 22.01.2021, our students enthusiastically participated and expressed their feelings

10. Research and Publication.

Faculty members have published the referred journal.

1. Mohnad Abdalla, Ranjan K. Mohapatra, Ashish K. Sarangi, Pranab K. Mohapatra, Wafa Ali Eltayb, Mahboob Alam, Amr Ahmed El-Arabey, Mohammad Azam, Saud I. Al-Resayes, Veronique Seidel, Kuldeep Dhama, In silico studies on phytochemicals to combat the emerging COVID-19 infection, Journal of Soudi Chemical Society, 25, (2021) 101367. (IF: 4.7)
2. Ranjan K. Mohapatra, Kuldeep Dhama, Amr Ahmed El-Arabey, Ashish K. Sarangi, Ruchi Tiwari, Talha Bin Emran, Mohammad Azam, Saud I. Al-Resayes, Mukesh K. Raval, Veronique Seidel, Mohnad Abdalla, Repurposing benzimidazole and benzothiazole derivatives as potential inhibitors of SARS-CoV-2: DFT, QSAR, molecular docking, molecular dynamics simulation, and in-silico pharmacokinetic and toxicity studies, Journal of King Saud University – Science, 33, (2021) 101667. (IF: 3.82)

11. Mentoring

- i) All the queries related to different mentees were discussed and recorded.
- ii) Mentors were asked to contact the parents of their mentees regarding the internal marks and attendance within a week.
- iii) All concerned mentors were asked to maintain the mentor report in proper format and submit them from time to time. All the reports were verified in the IQAC meeting

Four handwritten signatures in blue ink are displayed horizontally. From left to right, they appear to be: 1. A signature that looks like 'S. Sarangi'. 2. A signature that looks like 'K. Tiwari'. 3. A signature that looks like 'M. Raval'. 4. A signature that looks like 'M. Seidel'.



**Centurion University of Technology and Management,
Odisha
IQAC Minutes of Meeting (Apr–June 2021)**

DATE: 30.06.2021

TIME: 3.00 p.m.

VENUE: ONLINE MODE

MEMBERS PRESENT:

Sl. No.	Name of the Member	Designation	IQAC
1	Dr. Supriya Pattnayak	Vice-Chancellor, Head of the Institution	Chairperson
2	Dr. Anita Patra	Registrar	Member
3	Mr. Ramakrishna Raju	Civil Society person	External Member
4	Mr. Rakesh Sharma	Student, Regd. No. 190301120079, B.Tech. CSE	Member
5	Ms. SVJ Sirisha	Student, Regd. No. 190804130016, BSc. Agriculture	Member
6	Mr. Manoj Nayak	Alumni, Principal Consultant – IOT, Infosys, Bangalore	External Member
7	Mr. Parvesh Soni	Employer, CEO, SKH Group	External Member
8	Mr. Babu Shankar	Industry person, MD GT Tech	External Member
9	Prof. D N Rao	Vice-President, CUTM	Member
10	Dr. Dipankar Bhattacharyay	Dean SoAS	Member
11	Prof. K V D Prakash	Dean IQAC	Member Secretary
12	Mr. Debasish Panda	CFO	Member
13	Dr. Durga Prasad Padhi	Director Administration	Member
14	Mr. Chitta Pattanayak	Sr. Manager Admin. & HR	Member

15	Dr. Prasanta Kumar Mohanty	Dean, Academic	Member
16	Dr. Satya Prasad Nanda	Dean, Admin. (MSSSoA)	Member
17	Dr. Prajna Pani	Professor in English, Paralakhemundi Camus	Member
18	Dr. Nitesh Badgayan	Dean, SoVET	Member
19	Dr. Atanu Deb	Dean, Students Affair (Paralakhemundi Campus)	Member
20	Dr. Sangram Keshari Swain	Dean, Student Welfare (Bhubaneswar Campus)	Member
21	Dr. Ramesh Ch. Mohanty	Professor in Mechanical Engg, Bhubaneswar Campus	Member
22	Dr. Umakanta Nayak	Dean, School of Management, Bhubaneswar Campus	Member
23	Dr. Girish Prasad Rath	IQAC Coordinator, Assistant Professor in English, Paralakhemundi Campus	Member
24	Dr. Gitanjali Behera	Associate Dean, SoABE	Member
25	Dr. Sambid Swain	Associate Dean, Fisheries	Member
26	Dr. Padmaja Patnaik	Associate Professor in Physics, Bhubaneswar Campus	Member
27	Dr. Dojalisa Sahu	Associate Professor in Chemistry, Bhubaneswar Campus	Member
28	Mr. Himansu Bhusan Samal	Associate Professor, SoPLS	Member
29	Mr. Prabhat Kumar Patnaik	Assistant Professor in ECE, Paralakhemundi Campus	Member
30	Mr. Sunil Biswal	Chief Librarian	Member
31	Dr. Kamal Kumar Barik	Assoc. Professor & HoD, Civil Engg, Bhubaneswar Campus	Member
32	Dr. Jayakishan Meher	Academic Coordinator, Bolangir campus	Member

33	Mr. Somanath Sarangi	Principal, SoAS, Bolangir Campus	Member
34	Dr. Chandra Sekhar Patro	Principal, School of Pharmacy, Rayagada Campus	Member
35	Dr. Jyoti Sayantani	Director, Quality Assurance & Examination	Member
36	Dr. Tapas Bantha	Research Scholar, SoM, CUTM	Member

With due permission of the Chairperson, Prof. KVD Prakash, Dean IQAC and Member Secretary, welcomed all the members of the IQAC to the meeting. He explained the importance and role of IQAC and placed the minutes of the last IQAC meeting along with the Action Taken Report on the decisions taken in the last meeting. The campus wise IQAC meeting minutes were presented by the respective IQAC coordinators of the campuses (Campus wise IQAC minutes attached as annexures). The members were requested to share their views and recommendations on Curriculum Improvement, Teaching and Learning Methods, Research and Development, Examination and Evaluation system and Student Support and Progression.

Discussions were held as per the agenda mentioned below:

Agenda No.1: Confirmation of minutes of the last meeting held on 8th April,2021

Resolved that the minutes of the IQAC meeting held on 8th April,2021 were read and confirmed.

Agenda No.2: Preparation of AQAR for the year 2019-20

A review of the preparations so far was done and improvements and modifications in the presentation of information were suggested. NAAC files were updated as per the data available

Agenda No.3: Quality Improvement Initiatives

A 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. The patent was approved and granted by the Australian Govt.

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.

Different certificate course & SKILL course was designed and developed by different faculties.

It was decided to find ways to integrate research with modern software tools like Python, Biovia's material and Discovery studio, Geovia, dymola, Simulia etc.so as to get quality publications that can lead to patent as well as new product development.

Discussions on developing new domains (LASER and new materials) and their corresponding labs in collaboration with industry were made. Each domain must have some theory, practice, project and internship. It must focus on emerging technology areas.

It was decided that Faculty Awards would be announced on Teachers' Day every year in an event called "Provost's Research Conclave", from 2021 onwards.

The faculty of various schools participated in FDPs, Seminars, Conferences and Symposia.

(Annexures attached for campus wise details)

Agenda No.4: Teaching and Learning

All domain coordinators were advised to do assessments, Review of Domain projects through External Persons.

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.

Pre Board of Studies and Board of Studies. meeting was conducted as per the norm of the University.

The academic calendar has been published and classes will start shortly in July.

Different student development programs were arranged to enhance the Skill expertise among the students.

Students were encouraged to join FDPs and they were encouraged to join google fact check workshops.

TPCODL Placement Training was conducted department wise to make the students ready for TPCODL recruitment drive.

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.

Agenda No.5: Research and Consultancy

The Research Center coordinators had presented their progress every month. Mostly they have focussed on capacity building of members of the RC and Books/Book chapter publications.

Dr. Rukmini Mishra received the sanction letter from SERB, DST, Govt. of India for the project entitled "Engineering anthracnose resistance in chilli pepper (*Capsicum annum* L) using a single transcript CRISPR/Cas9 genome editing system" under the scheme of SERB POWER-GRANT. Soon funds will be released.

The meeting was concluded with a vote of thanks to the Chair and all participants.



Dean, IQAC
Member Secretary



Vice-Chancellor
Chairperson



Centurion University of Technology and Management Odisha **Minutes of the IQAC Meeting**

(April, May and June 2021)

Parlakhemundi campus

Date: 29.06.2021

Time: 3.00 p.m.

Venue: Online

1. Dr. Anita Patra, Registrar
2. Dr. S.P. Nanda, Dean ,Admin(MSSSoA)
3. Dr Devendra Reddy ((MSSSoA)
4. Dr. P.S. Rao, , Dean (R&D)
5. Dr .Asish Ranjan Das, SoET
4. Dr.Durga Padhy, (Administration)
5. Mr. S. Kameswara Rao, Deputy Registrar (T&P Placement)
6. Prof. Prabhat Pattnaik, ECE
7. Prof.Praful Ku Panda. HoD, Civil
8. Prof.Debendra Moharana, HoD, CSE.
9. .Prof.Subhendu Mishra, PGP Coordinator (SoM)
10. Mr. A. Rama Krishna Raju, Nominee from Society.
11. Dr.Girish Prasad Rath, IQAC coordinator.

Agenda and Action Taken:

CONSIDERED the minutes of the previous meeting of IQAC and since no corrections /
Objections were raised the minutes are ratified

1. Admission

- Based on the admission data it was considered to emphasis on students placement
- Considered: Each faculty were requested to focus on admission of students through career counseling.
- Centurion University Entrance Examination (CUEE 2020) was conducted online.
- Leaflet were distributed in various exam centers (JEE Main , NEET, EMCET) in Odisha, Bihar, Jharkhand, Andhra Pradesh, Telengana .
- The Admission team was engaged with other activities like online counseling, Online document verification and provisional admission .

2 Teaching and Learning

- 8th semester students Project and Internship External Examination was scheduled with External Examiner.
- Considered: 8th semester students' campus drive and placement had been identified and students were advised to attend the placement drives.
- Class work progress of the even semester was reviewed and found class work is satisfactory. Head of Departments requested all faculties to update attendance regularly in ERP.
- Students' attendance in classes was reviewed through MIS. Students who were having less than 75% of attendance were called in the meeting and counselled them through their mentor after the meeting. Defaulter students' attendance report was sent to concerned parents by SMS.
- The courseware is digitally aligned to facilitate online learning. All core and domain courses updated.
- Online classes of School of Management and School of Media Communication commenced from July 17th.
- IELTS sessions are being conducted for students
- Considered: Learning Records for all theory and practice courses need to be verified (random samples) by Deans. Students were instructed to send updated learning records online.
- Students were advised to share their certificate of participation of seminar, webinar, or any of the achievement on before 1st June 2021
- B.Tech AG final year students have successfully submitted their Thesis on Project work and presented on 12th June.

3. Assessment

- Domain review was scheduled for 6th semester students.
- All concerned mentors were asked to prepare a consolidated report of marks of all subjects of their respective mentee for review in the next IQAC meeting.
- External exam of the even semester was held online by Cocubes software. H.O.Ds requested all faculties to update attendance & internal marks in ERP. All faculties were advised to send the E-materials of their respective subjects to Media Resource Centre by the end of May.

- Considered to review Students' internal marks through MIS. Students who were having less mark were advised to give internal improvement exams
- Technical training review : It was reviewed and found satisfactory. H.O.Ds were asked to maintain all the data as per format provided by the training head and to do band wise categorization with respect to technical aspects.
- All domain coordinators were advised to do assessments, Review of Domain projects through External Persons.
- Considered to conduct internal assessments centrally with one online written examination and one online presentation. This change had been made in keeping the view of Covid -19 outbreaks.

4. Student Training

- B.Tech AG final year students have successfully submitted their Thesis on Project work and presentation on 12th June.
- Internship evaluation of 8th Semester students completed on 11th and 12th June.
- Placement training is going through MyPerfectie platform

5. Strategic Plan

- All the 2nd and 3rd year students of SoABE have joined one month internship in online mode on 'EMERGING TRENDS AND INNOVATIVE FOOD PACKAGING TECHNOLOGIES IN FOOD INDUSTRIAL PRACTICES' organized by Haldia Institute of Technology in collaboration with IIP and supported by FSSAI, India.
- Presentation on India100 Unicorns dated 12th June 2021 was conducted by the university. All the departmental faculty members participated.
- Considered to involve all the faculties with NBA work.
- On 4th June, FDP on Fundamentals of Research Article Writing was organized by the university in collaboration with Elsevier where all the departmental faculty members participated.
- Mentoring report of May, 2021 was submitted to the school coordinator by all the departmental faculties.
- Road Map for Product Development Plan was sent to the respective research center on 15th May from the Department.
- Faculty meeting was conducted to discuss FDPs, publications, patents. Considered to finalize Several Faculty Develop Programmed to be conducted.

- On 18th May 2021, students were advised to give online feedback on respective courses in ERP.
- Pre-BoS meeting was conducted in respective Departments on 20th May 2021. On 27th May 2021, Pre-BoS meeting was held for Domain and Skill courses and discussed the feedback on syllabus collected from different stakeholders.
- External Exam for 2nd and 4th semester was conducted. External examination practical –DOMAIN for 6th semester conducted on 1st of May. Students' feedback had been taken through ERP.
- Considered to focus on collaborative research, consultancy and projects by Research Centers .
- All students were informed to complete their registrations before 10th July 2020.
- Considered to conduct the Lab Practices/ Project through 3D experience / Virtual LAB for the registered subjects.
- Considered to counsel students who had less attendance through mentoring.
- Considered: All Research centers should work to produce Patents, Projects and Revenue generation.
- Domain review meeting and domain structure was held on 14th June with assigned domain faculty members .
- The faculty details of the departments were given to the school coordinators for NBA requirements

6. Job preparedness

- ELTS baseline test on Reading was conducted for all Job Readiness registered students on 30 June 2021
- ELTS baseline test on Writing was conducted for all Job Readiness registered students on 18th July 2021
- Internship evaluation of 8th Semester students was completed on 11th and 12th June.

7. Culture, Sports and Responsibility (CSR)

Online workshop on graphic design on 17th June, 2021, 178 students participated .

8. Placement

- Considered to attain 100% placement HoDs interacted with Placement Cell along with dept. placement coordinators regarding the upcoming placement activities of Students.
- The following companies conducted interview and selected 142 students from different schools/departments

Our Food Pvt. Ltd, KAVM Agro-Tech Pvt , WOTR Ltd (Aries Agro Group) , Sonalika (international tractors Ltd.), NoBroker , Fyndhere, Extramarks Campus, JUSTDIAL , Amara

Raja Group Virtual , Nova Agri Tech Ltd, Wipro , Avani Agro Farms and Seeds , East West Seeds, Faurecia Campus Recruitment , IndiaMART , BYJU'S, Allsec Technologies, and GESTAMP conducted interview and selected **142** students from different streams.

9. Management Development Programs/ FDPs

- On 24th June, Dr. Soma Maji has attended the webinar ‘Startup Ecosystem in Agriculture’ organized by Department of Agricultural extension and communication, MSSSoA, CUTM
- Dr. Prasanta kumar Choudhury has attended 11 different webinar and training organized by different other universities.
- Dr. Rajashree Jena has attended 11 different webinar and training organized by different other universities.
- Dr. Soma Maji has attended international webinar on "Sustainable Dairy Production; Determining Milk quality" organized by ICAR-National Dairy Research Institute, Karnal, 132001, Haryana on 17th May, 2021.
- Dr Subhendu Mishra attended a 15-day FDP on Entrepreneurship (17-31st May) organized by Udyogwardhini with support from Department of Science and Technology (DST)
- Dr. Subhendu Mishra was invited as a Speaker in the webinar title " India's vision becoming a reality: The rural and Urban Sector on the Rise" organized by Pagalguy on 3rd may, 2021
- Dr Subhendu Mishra had an orientation session to sensitize IIC institutions for various schemes designed for IIC institutions organized by MoE's Innovation cell on 4th June.
- FDP on Digital Marketing was conducted from 27 May to 29 May.
- FDP on Elsevier Author Workshop: Fundamentals of Research Article Writing was conducted on 4th June
- FDP on Video Editing Workshop was conducted in June 2021
- FDP on Adobe Photoshop was conducted in June 2021
- Series of FDPs were organized on Google Workplace - Internal FDP (31st May- 4th June)
- Dr Griha Lakshmi Kakani was invited as a guest speaker on the topic “Food safety: How relevant it is for India” on celebration of World Food Safety Day at ICAR-Indian Institute of Sugarcane Research-Lucknow on 7th June, 2021
- A webinar on “Patents, Copyrights and Design Applications”, organized by the university on 12th June, 2021 where all the departmental faculty members participated.
- On 5th June, an FDP was organized on Suitable Journal Selection and Journal Metrics.

10. Research and Publication.

- Dr. Prasanta kumar Choudhury has presented at an Invited webinar on “Probiotic Dairy

Foods in Human Health" organized by Centre for Phytopharma, CUTM, Odisha on dated 23rd June 2021.

- Dr. Rajashree Jena presented at an Invited webinar on “Prebiotics and Gut Microbiome Health” organized by Centre for Phytopharma, CUTM, Odisha on dated 23rd June 2021.
- Dr. Prasanta Kumar Choudhury has published one article in April and submitted one article in the month of May, 2021
- Dr. Rajashree Jena published one article and another one is under revision status.
- Dr. Soma Maji submitted one research article on June, 2021
- Publication details: Departmental faculties Prof. Sivala Kumar has published 1 paper, Dr. Gitanjali Behera published 3 papers and submitted 1 paper in collaboration with Dr. Mitali Madhumita, Dr. Mitali Madhumita published 2 papers as a co-author in collaboration work with Dr. Gitanjali Behera and submitted 1 paper, Dr. Ruby Pandey has submitted 1 paper, Ms. Sharmistha Sahu has published 1 paper and submitted 1 paper, Dr. Santosh DT has published 2 papers in NAAS rated journals, Mr. Subhankar Debnath has published 1 paper in Scopus journal, Mr. Amit Biswas has published 3 papers in Scopus journal.
- Dr. Prajna Pani & Dr. Anita Patra published a paper titled “Online Teaching & Learning in Higher Education: Creating an Inclusive Environment during Covid -19 Crisis” on May 2021
- Dr. Prajna Pani & Dr. Amir Prasad Behera published a paper titled “English Express: A Boot Camp Model”
- Dr. Tapas Bantha published a paper titled “Growing from Inside Out: An Exploratory Investigation into the Construct-Spirituality” in April 2021
- Dr. Tapas Bantha published a paper titled “The Relation of Servant Leadership with Followers' Organizational Citizenship Behaviour (OCB): Mediating role of Generalized Self-Efficacy (GSE) and Organization based Self-Esteem (OBSE)” in May 2021
- Prof. Kalee Prasanna Pattanayak published a paper titled “A Review on Entrepreneurial Crisis Management during Coronavirus (Covid-19) Pandemic:” in June 2021
- Prof. Kalee Prasanna Pattanayak published a paper titled “Promoting Growth & Resilience of Businesses During and After the Coronavirus (Covid -19) Pandemic - A Review” in June 2021
- Dr. P. Kalyan Chakravarthy presented a paper in an National E-Conference on “Advances in Business, management and Technology by Mahatma Gandhi Central University, Bihar, India
- Two Elsevier author workshops i.e. (1) Fundamentals of research article writing on 4th June 2021 (2) another Elsevier webinar i.e. Improving research & performance outcomes using the Science Direct on 30th June was conducted and all faculties

have attended.

- **26 research centers were engaged in publishing journal articles , book chapters, research and patents**

Center for Computational Mathematics, Center for AI& Robotics, Center for Space and Earth Sciences, Center for Lasers, Center for Data Sciences, Center for New Materials, Center for Medical Diagnostics, Center for Phytopharma, Center for Genetics and Genomics, Center for Drug Design, Center for Agriculture Production, Center for Smart Agriculture, Center for Aquaculture. Center for 3DS Applications, Center for Smart Mobility and Machines, Center for Chip Making, Center for Bio Electronic Devices, Center for Communication Technologies, Center for Smart Infrastructure, Center for Digital Manufacturing, Center for Waste to Wealth, Center for Innovation & Entrepreneurship, Center for Productions, Center for FinTech, Center for Edutech, Center for Governance and Sustainable Societies.

Center for Innovation and Entrepreneurship (CIE) Centurion University, conducted a webinar on "Challenges and Opportunities for Entrepreneurs in the new normal during and Post Pandemic" on the eve of Teachers Day on 5th September from 5PM onwards

11. Patents

- Prof Sunita Satapathy et.al. published a patent on “Soil Fertility In Vermicomposting Prediction Utilizing Wca Based Deep Cnn-Model For The Agricultural-Domain” on 9th June 2021.
- Prof.Ajay Kumar Prustry has published a patent on “Artificial Intelligence Based Animal Detection and Identification for Protection of Field Crops” on 30th April 2021.

12. Alumni Engagement

Mr. K.Girish of 2011 batch interacted online with students on 8th August 2020.

13. Faculty Welfare

Considered: **Faculty Award** would be announced on Teachers Day every year in an event called "Provost's Research Conclave", from 2021 onwards.

The Meeting ended with a vote of thanks to the chair.

Anita Patra G. S. Patra M. Suresh Babu

Subhendu H. R.



Centurion University of Technology and Management Bhubaneswar Campus

IQAC Minutes of Meeting (April – June 2021)

Date : 28.06.2021

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. Bhagyeswari 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 Pragyan 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 Dwivedi - 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 Linnæus 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.





**Centurion University of Technology and Management, Odisha, India
Rayagada Campus**

Minutes of IQAC Meeting (April-May-June 2021)

Date: 26.06.2021

Time: 4.30 p.m.

Venue: Staff Common room

1. Mr Rajesh Padhy	Director
2. Dr.Chandra Sekhar Patro	Principal
3. Mr Krushna Prasad Mohapatro	Adminstrative officer
4. Dr Gopal Krishna Padhy	Associate professor
5. Mr. Nihar Ranjan Kar	Asst.professor
6. Mrs.Kamini Sethy	Asst.professor
7. Mr. Sukanta Satapathy	Asst.professor
8. Mr. Dipankar Rath	Asst.professor
9. Mr. Ladi Alik Kumar	Asst.professor
10. Ms. Pallishree Bhukta	Asst.professor
11. Mr. Haragouri Mishra	Asst.professor
12. Ms. Bijayalaxmi Sabara	Asst.professor
13. Mr Debashish Pattnaik	Administarion executive.
14. Mr Srinibas Nanda	Examcell Executive

Agenda and Action Taken:

CONSIDERED the minutes of the previous meeting of IQAC and since no corrections / Objections were raised the minutes are ratified

1. Admission

- Based on the admission data it was considered to emphasis on students placement
Considered: Each faculty were requested to focus on admission of students through career counselling.
- Centurion University Entrance Examination (CUEE 2020) was conducted online.

- The Admission team was engaged with other activities like online counselling, Online document verification and provisional admission.

2. Teaching and Learning

- 8th semester students Project and Internship External Examination was scheduled with External Examiner. Considered: 8th semester students' campus drive and placement had been identified and students were advised to attend the placement drives.
- Class work progress of the even semester was reviewed and found class work is satisfactory.
- Principal requested all faculties to update attendance regularly in ERP.
- Students' attendance in classes was reviewed through MIS. Students who were having less than 75% of attendance were called in the meeting and counselled them through their mentor after the meeting. Defaulter students' attendance report was sent to concerned parents by SMS.
- The courseware is digitally aligned to facilitate online learning. All core and domain courses updated
- Students were advised to share their certificate of participation of seminar, webinar, or any of the achievement on before 1 st June 2021

3. Assessment

- Domain review was scheduled for 6th semester students.
- All concerned mentors were asked to prepare a consolidated report of marks of all subjects of their respective mentee for review in the next IQAC meeting.
- External exam of the even semester was held online by Cocubes software.
- Principal requested all faculties to update attendance & internal marks in ERP.
- All faculties were advised to send the E-materials of their respective subjects to Media Resource Centre by the end of May.
- Considered to review Students' internal marks through MIS. Students who were having less mark were advised to give internal improvement exams
- Technical training review : It was reviewed and found satisfactory. Principal was asked to maintain all the data as per format provided by the training head and to do band wise categorization with respect to technical aspects.
- All domain coordinators were advised to do assessments, Review of Domain projects through External Persons.
- Considered to conduct internal assessments centrally with one online written examination and one online presentation. This change had been made in keeping the view of Covid -19 outbreaks.
- Considered to involve all the faculties with NBA work.
- On 4th June, FDP on Fundamentals of Research Article Writing was organized by the university in collaboration with Elsevier where all the departmental faculty members participated.
- Mentoring report of May, 2021 was submitted to the school coordinator by all the departmental faculties.
- Faculty meeting was conducted to discuss FDPs, publications, patents. Considered to finalize Several Faculty Develop Programmed to be conducted.

- On 18th May 2021, students were advised to give online feedback on respective courses in ERP.
- External Exam for 2nd, and 4th semester was conducted. External examination practical
- Considered to focus on collaborative research, consultancy and projects by Research Centers .
- All students were informed to complete their registrations before 10th July 2020.
- Considered to conduct the Lab Practices/ Project through 3D experience / Virtual LAB for the registered subjects.
- Considered to counsel students who had less attendance through mentoring.
- Considered: All Research centers should work to produce Patents, Projects and Revenue generation.
- The faculty details of the departments were given to the school coordinators for NBA requirements

4. Job preparedness

- Internship evaluation of 8th Semester students was completed on 11th and 12th June.

5. Placement

- Considered to attain 100% placement HoDs interacted with Placement Cell along with dept. placement coordinators regarding the upcoming placement activities of Students.

6. Management Development Programs/ FDPs

- FDP on Digital Marketing was conducted from 27 May to 29 May.
- FDP on Elsevier Author Workshop: Fundamentals of Research Article Writing was conducted on 4th June
- FDP on Video Editing Workshop was conducted in June 2021
- FDP on Adobe Photoshop was conducted in June 2021
- Series of FDPs were organized on Google Workplace - Internal FDP (31st May- 4th June)

The Meeting ended with a vote of thanks to the chair

Nehar Ranjan Kar, Sowrita Saha, Karmeni sethy, Ladi Anil Kumar



Centurion University of Technology and Management, Odisha

Minutes of the IQAC Meeting, Balangir campus (April-June 2021)

Date: 26.06.2021

Time: 4.30 p.m.

Venue: Seminar Hall

Members present:

1. Dr. Jayakishan Meher, IQAC Coordinator
2. Mr. Somanath Sarangi, Principal (School of Applied Sciences)
3. Dr. Prafulla Sahu, Principal (School of Pharmacy)
4. Dr. Nilaya Mohanty, Asst Professor & HoD (Physics)
5. Dr. Shantanu Bhattacharya, Asst Professor & HoD (Botany)
6. Dr. Bhairaba Majhi, Asst Professor & HoD (Math)
7. Dr. Srikant Moharana, Asst Professor
8. Dr. Prativa Deep, Asst Professor
9. Mrs. Prativa Satpathy, T & P Coordinator

1. Agenda and Action Taken:

- i. Hard copy of the files for NAAC criteria has been compiled.
- ii. All students were intimated regarding the new course structure and for subject registration
- iii. Mentors guided the students in subject registration as well as feedback
- iv. Feedback from students, parents, academicians, industry personnel and our internal faculty members were taken by the faculty members.
- v. Faculties have been encouraged to contribute research and publications in reputed indexed journals.
- vi. Faculty members were engaged to develop the new Syllabus for domain /skill subjects of B.Sc and M.Sc.
- vii. Keeping the spread of covid-19, it was decided to start online class through courseware as per the instruction of university.

- viii. Faculty members are requested to finish the attendance updation and mark entry for final year students.
- ix. Faculty members are engaged in Articles and book chapter publication. Admissions for B.Sc. and M.Sc. 1st year student is under progress.
- x. Faculties were involved to prepare Question banks for the different job roles related to their research centers.
- xi. Each faculty will target to publish three articles between Jan to July 2021. PG students and Research Scholars can be asked for publications.
- xii. Lab assistants are instructed to check whether all machines are in working condition or not. If not, it must be ready within a week.

2. Admission related:

- i. The Department faculty members and Admission team combining involved in the admission process.
- ii. Faculty members are requested to design the leaflet related to academic which helps in admission process.

3. Teaching and Learning

- i. 2nd internal semester assessment of both M.Sc. and B.Sc. 2nd Semester students were completed in the month of June 2021.
- ii. 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.
- iii. End Semester as well as EOD examination time table has been released from examination cell and students are preparing themselves for it.
- iv. End Semester and EOD examination time table has been published from the examination cell.
- v. 2nd internal examination and evaluation (online presentation mode) was completed for the current batches.
- vi. Even semester results were out. Results analysis and review was done in the department meeting.
- vii. 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.

3. Assessment

- i. Domain and core paper reviews were performed.
- ii. All concerned mentors were asked to prepare a consolidated report of marks of all subjects of their respective mentee for review in the next IQAC meeting.
- iii. External exam of the even semester was held online by Cocubes software. H.O.Ds requested all faculties to update attendance & internal marks in ERP. **4.**

5. Strategic Plan

- i) HoD requested faculty to look into any new book requirements for competitive examinations.
- ii) Mentoring report of May, 2021 was submitted to the school coordinator by all the departmental faculties.
- iii) Faculty meeting was conducted to discuss FDPs, publications.
- iv) Considered to counsel students who had less attendance through mentoring.

Meeting ended with a vote of thanks to the chair



Four handwritten signatures in blue ink, arranged horizontally. The signatures are stylized and appear to be in Devanagari script. The first signature is the most legible, followed by the others which are more cursive.