



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

**Centurion University of Technology and Management**  
**Bhubaneswar Campus**  
**IQAC Meeting of Meeting (Oct-Dec 2018)**

**Date: 05<sup>th</sup> Jan 2019**

**Venue: Board Room**

**Time: 10 AM**

**Members Present:**

1. Prof. Bijay Bhujabal (Dean, SoM)
2. Prof. Prasanta Kumar Mohanty (Dean, Academics)
3. Prof. Jagannath Padhi( Director )
4. Prof. Amit Kumar Sahoo ( HoD, EEE )
5. Ms. Swarna Prabha Jena (HoD, ECE)
6. Dr. Siba Prasad Mishra -Associate. Prof (HoD, Civil)
7. Er. Durga Charan Sahoo (IQAC Coordinator, Civil)
8. Prof. Prangya Paramita Debata (HoD, Mechanical)
9. Mr. Sangram Keshari Swain (CSE)
10. Mr. Mohammed. Siddique (Associate Dean SoAS)
11. Dr. Goutam Kumar Mahato (HoD, Mathematics)
12. Dr. Sagarijka Parida (IQAC Coordinator, Botany)
13. Dr. Siba Prasad Parida (HoD, Zoology)
14. Dr. Yashaswi Nayak (IQAC Coordinator Zoology)
15. Dr. Susanta Kumar Biswal ( Dean, SoAS )
16. Dr. Dojalisa Sahu (HoD, Chemistry)
17. Dr. Subrata Sarangi (Dean)
18. Dr. Padmaja Patnaik (HoD, Physics)
19. Prof. KVD Prakash (Dean HRD)

## Agenda and Action Taken

- Briefing on NAAC 2020 preparedness and points discussed with Ex VC.
- Updating the files as per the data available.
- NIRF Lab related data was prepared.
- Current semester subject lesson plan and soft copy of Assignment submitted to HoD and learning record, attendance cum mark foil in the respective labs were Updated
- Faculties were asked to give lesson plan presentation.
- Lesson plans were shared to students in 1st class and Discussion about pedagogy, materials to refer, evaluation systems and learning record were also done.
- Faculties were asked to create their Research Profile.
- Agenda and Action Taken Domain based classes initiated for VLSI, Embedded Systems and Communication Domain..
- Remedial classes arranged for the students having backlogs.
- Alumni contacted and details gathered for display in the department.
- Students motivated for mini projects and initiated using different controllers.
- Final evaluation test conducted in all domains for the 2<sup>nd</sup> phase of domain training.
- Each faculty to arrange one brand building programme and present the same before students.
- Career plan to be submitted to Dean (A) by 16th January.
- Parents mail ID and mobile numbers to be traced out by mentors and submitted to H.O.D.
- WhatsApp group to be created of parents to minimize communication gap. Mentors are to be in action.
- Mark uploading in I-cloud to be completed in time line provided by exam cell.
- Mapping and identifying various files at the department level
- The planning for academic courses was approved through BoS.

### 1. Admission Related

- Mr. Debasish Sahu visited a Government college (+2 Science) at Tigiria, Cuttack on 30<sup>th</sup> Oct 2018 and visited DAV, TTPS, Thermal on 13<sup>th</sup> Nov 2018 for brand building presentation.
- Two colleges visited our campus 1) Image +2 Science College on 18th Nov 2018(110 no. of students)  
2) DAV Pokhariput on 21<sup>st</sup> Nov 2018 (200 no. of students)
- RP, +2 Science College visited on 2nd Dec 2018 (250 no. of students)
- Einstein Academy, Khurdha +2 Science visited on 10<sup>th</sup> Dec (85 no. of students & 5 Teachers).
- DAV Talcher +2 Science & Commerce students visited on 14<sup>th</sup> Dec Saturday.
- SN Institute Jagatsinghpur +2 Science students visited on 16<sup>th</sup> Dec Saturday.
- Vikash Tutorial Khalikote +2 Science students visited on 19<sup>th</sup> Dec Wednesday.
- Kendrapada Govt College (145 no's) & SVM College Jagatsinghpur (105 no's) students visited on 23rd Dec (Sunday).
- Sri Chaitanya Academy (Total students 70 and 5 teachers) visited on 28<sup>th</sup> Dec Friday 10am.
- Departmental Presentation conducted at DAV CSPur by Mr. Deepak and Mr. Harish on 24<sup>th</sup> Nov 2018.
- Tech fest activities were arranged for the students of various schools who visited the campus exposing them to the skill environment of the University.
- Department seek the help of admission team to conduct awareness program for parents and students about skill initiative programs conducted in the university.
- Various Brand building programs were conducted by the department for attracting students' intention towards its course curriculum.

### Teaching and Learning

- Domain and Non -Domain internship and project Evaluation of students were finalized.

- Work Load distribution was prepared for ODD sem time table
- Odd Semester Timetables were finalized.
- Registration was done for 6th, 4th and 2nd semester. Reminder mail had sent to the students, who Made Mistake/ Not done the registration.
- Remedial class for students with backlogs conducted.
- Domain evaluation of students conducted for 2<sup>nd</sup> phase of domain based training.
- Students imposed penalty of absence on the ground of mass absence from class during 25<sup>th</sup> Dec 2018 to 2<sup>nd</sup> Jan 2019.
- Evaluation of learning record for theory and practice 1<sup>st</sup> module had been completed.
- Domain evaluation had been completed.
- Load distribution for even semester was successfully completed.
- Lesson plan preparation and presentation was completed by respective faculty members.
- E-content is circulated among the students.
- Time table have been prepared for the even semester.
- Subject depository plan prepared and finalized in the faculty meeting has further been hosted in ERP through the MIS cell.
- Time table preparation for the even semester (as per the CUTM website hosted academic calendar - 17weeks).
- Subject depository plan prepared and finalized in the faculty meeting has further been hosted in ERP through the MIS cell.
- Syllabus of Pharmaceutical Chemistry as a domain subject to be offered by Chemistry Department was approved in the Academic Council Meeting.
- New Domain Subjects were introduced in 1<sup>st</sup> year B.Sc and M.Sc curriculum and was placed for BOS approval.

## **2. Student training**

### **2.1 Placement Training / Job preparedness**

- LSD classes were initiated for all the eligible students.
- Baseline test was conducted for 1st yr, 2nd yr and 3rd yr students
- MOCK interviews and GD and PI were planned at the department level.
- Preparatory Classes for Aptitude, Reasoning and C programming was conducted before the Campus Recruitment drives during the evening hours.
- Aptitude Workshop was also conducted.
- An interaction was held between Prof Ipsita Mishra and our students of final year EE/EEE where issues regarding training and placement were discussed.
- Online Test for Mind fire was held on October 9 in which students had appeared but got disqualified.
- Campus drive of ETech Global Solution was also held in which our students participated but none of them qualified in final round.
- Online Test of box was held post puja vacation.
- Campus drive of UX Reactor was held at KIIT campus on 28th, 29th and 30th October in which Om kishan qualified till 2nd round.
- The drives which took place for our final year students last month were GTET, Photon, Spaneous software, Appeal group, Vishay group, Bipros and BookingGini.
- There was an AMCAT exam held for the students in November.

- Dean asked the B.Sc and M.Sc Students those are interested to give their name for admission into NET/GATE/JAM Coaching on paid basis.
- Department has planned to open an IAS study centre in the campus.

### 3. Faculty Development Program

- A FDP on “**Modern Power System**” was organized on 20<sup>th</sup> November 2018. Where many final year students were also participated.
- Seminar on VLSI, A future Scope by VLSI Domain Partner for students conducted.
- Mr. Debaraj Rana attended “E-vehicle” training from 26<sup>th</sup> November 18<sup>th</sup> to 2<sup>nd</sup> December 2018 at CUTM, Jatni campus.
- Mr. Harish Ch. Mohanta attends ICMSEA conference at BITS Vizag Campus 20<sup>th</sup> to 22<sup>nd</sup> December 2018.
- A FDP on “**Optical Engineering**” on 28<sup>th</sup> December 2018 at CUTM Jatni Campus.
- Study tour to Mangalpur Mechanical store yard to get exposure of construction equipment’s used in NH216 Extension work.
- FDP on “**Feast VSSC/ISRO Software**” held on 6<sup>th</sup> and 8<sup>th</sup> October 2018 conducted by Centurion University at its Bhubaneswar Campus, Odisha, India.
- Seminar Talk on Optical Engineering – An evolution from Science to Technology to Product on 28<sup>th</sup> December 2018 conducted by Centurion University at its Bhubaneswar Campus, Odisha, India.
- A three-day workshop – cum registration drive on “**Introduction to AWS**” was conducted by Prof. Rajkumar Mohanta imparting information regarding AWS Educate for the Faculties and Students during 4<sup>th</sup> Oct – 6<sup>th</sup> Oct 2018.
- A workshop on “Build your own Computer” from 1<sup>st</sup> – 8<sup>th</sup> November 2018 was organized by Prof. Manoj Kumar Behera.
- Training on ENOVIA was taken by Rakesh Kumar Ray, Mamata Garanayak and Shivani Nanda from 24<sup>th</sup> – 26<sup>th</sup>, 29<sup>th</sup> – 30<sup>th</sup> Dec 2018.
- A five days training program in “Web designing Using HTML5 and “AngularJS” was attended by Prof. Rajkumar Mohanta from 25<sup>th</sup> – 29<sup>th</sup> December 2018.
- FDP on “Active Learning” on 23<sup>rd</sup> October 2018, delivered by Prof. R. A Hollen and facilitated by Prof. S. K. Bose.

#### 3.1 Culture, Sports and Responsibility

- Sensitization cum training program on "**E-Waste Management**" to generate awareness for sustainable e-waste management practices.
- World Energy Conservation Day
- Green club was organized on 15<sup>th</sup> Dec., 2018 by the dept. of Botany in CSR activities on the theme “Swachha Centurion-Swastha Centurion’.
- Different events were organised like Debate “**If You can change one thing in our environment, what it should be and why?**”, Essay “**save greenery-save environment**”, Slogan “**Sustainable Development**” and Drawing competition different themes for creating awareness in ‘Clean India-Green India’ Mission.
- Students have participated and got different position on different event.
- World Animal Day” on 4<sup>th</sup> October and “World Diabetic Day” on 14<sup>th</sup> November observed by students of B.Sc & M.Sc including Faculty members.

- Students of B.Sc & M.Sc celebrated “World AIDS Day” under awareness programme and participated in Mass Rally
- A seminar organised on the occasion of World AIDS Day hosted by Dr. Yashaswi Nayak.
- Dr. Santosh Behera was invited as guest for the seminar and was felicitated. Students of both B.Sc & M.Sc and Faculty members attended the seminar.

#### 4. Placement

- Students placed in different company after 2016 onwards along with their offer letter, photographs are required to be filed.
- Special aptitude, reasoning, technical classes had been given.
- Life Skill Development Programme.
- Aptitude, Personality Development, Job Readiness Programme.
- Special Coaching for GATE & UPSC Exam
- Students register in Placement cell to sit in various campus drives by different companies.

#### 5. Research, Publication

- A software developed by ISRO on Finite Element Method Analysis (15th Oct to 17th Oct was attended by (Mr. Rakesh Kumar Jena, Ms Sweta Das, Ms Ritupanna Panda)
- Prof. T. K. Chand, Prof. M. K. Mohanty, Dr. **R. C. Mohanty**, “**An Experimental Statistical Model Developed in Fish Drying using Regression Analysis**”, International Journal of Mechanical Engineering & Technology (IJMET), 9(10), pp. 119-1156, Oct 2018., impact factor-9.2286 ,ISSN:- 0976-6359.
- Prof. Ipsita Mishra, Dr. R. C. Mohanty, Prof. A. M. Mohanty “ **A comprehensive review on Performance analysis of parabolic trough solar collector**” International Journal of Research and analytical Review, volume 5 issue 4, Oct-Dec 2018, impact factor 5.75, ISSN no 2348.
- Prof. S. D. Mohanty, Prof. S. S. Mahapatra, Dr. R.C Mohanty “**PCA based Hybrid Taguchi Philosophy for Optimization of Multiple Responses in EDM**” Indian Academy of Sciences and Springer impact factor 0.592, 10 December 2018.
- Two papers have published in international journal And 20 abstracts have published in national journal.
- Dr. Siba Prasad Parida - Taking part as a resource person for the forest department to carry out awareness programme for protection of Olive Ridley turtle of Gahirmatha by Rajnagar Mangrove Wildlife Division on 25<sup>th</sup> November 2018
- Faculty members & some of the Students participated in the Conference entitled with “**Odisha Vigyan and Paribas congress**” (OBPC) held in **NISER** on 17<sup>th</sup>-18<sup>th</sup> of November.
- Papers by faculty members and abstracts’ by both students of M.sc and faculty got published in the OBPC.
- Asst. Prof Gayatri Acharya-published a paper titled: "**Effect of Two different habitat on haematological parameters of fishes in Odisha**" - in the journal – *Comparative clinical pathology*.
- Dr. Yashaswi Nayak – delivered an oral presentation on one of her research paper entitled “**Comparative Physico-chemical analysis of chicken & Turkey eggs**” at NISER in OBPS in this November 2018.
- Barsa Smaranika Roul and Bankim Shill student of MSc 2<sup>nd</sup> year Zoology published article Titled “**An era before nineties the shores of hope**” and “**The fall and resurrection of the Pelican in the south with eminent M.Krishnan**” respectively in Science Reporter Magazine dated 4<sup>th</sup> December 2018.

- Dr. Susanta Kumar Biswal and Ms. Suchismita Acharya jointly authored a research article “**Mill Scales Blended Polymer Composites for Electrical Insulation Applications**” in Journal of Research Updates in Polymer Science, 7(3), 72-79(2018).
- Dr. Susanta Kumar Biswal and Dr. Tapan Kumar Dash jointly Published a Research paper titled as “**Synthesis of multiwall CNTs by area plasma discharge method**” and their characterization in Journal of Emerging Technologies and Innovative Research,5(12),182-190(2018).
- Dr. Saubhagyalaxmi Behera has published three papers in International journal.
- Ms. Anannya Dutta presented a paper in ICMSEA 2018 at Vizag.
- Dr. Saubhagyalaxmi Behera got certificate of appreciation for sending paper in ICMSEA 2018.
- One research paper of Dr. Tapan Dash got published in International Journal of Hydrogen Energy.

## 6. Research Acquisition

### 6.1 Faculty Staff recruitment & development

- Three Faculty members appointed to Department of Zoology.
- One Lab technician appointed

### 6.2 IT Resource

### 6.3 Physical Facilities

- Proper classrooms provided to each discipline
- New HoD and Dean Office was built.
- New Class room for 1<sup>st</sup> year B.Sc.

### 6.4 Library Facilities

- List of books for the department library were procured
- List of Books (Texts & References) for the upcoming course (zoology) submitted to library for procurement.
- List of books for B.Sc and M.Sc was given to the Library for urgent purchase.

## 7. Community Engagement (Extension)

- Different Aluminise were asked to give their feedback about the Department and Alumni videos were kept at Department level.
- Three faculty members attended a seminar at ORSAC on "Coordinated Preparation of high resolution national foundation spatial data (NFSD) for grampanchayat and ward level Mapping" from 18th Dec to 22nd Dec by (MaJor Gen R. C. Padhi, Prof. K. C. Sethi, and Mrs. Sagarika Panda.
- Workshop at ORSAC, STTP, STTP by NITTTR

## 8. Strategic Plan

- To Publish Research Paper having good Impact Factor.
- To encourage students to produce more Live projects.
- A parent teachers meeting is planned in the month of January.
- A workshop in the field of “Applications using IoT” is planned in the month of January.
- Herbarium repository unit planned to be setup in our department.
- Parent teacher meeting is going to be held on the month of February.
- It is decided to arrange an study tour for M.Sc students (Zoology) in Parlakhemundi Campus along with some faculty members.

- It is also decided to carry out a survey work on deaf & mute students of GTET by B.Sc & M.Sc.
- To double the admission of undergraduate program.
- To increase postgraduate admission by 30 % in coming years.
- To organize seminars and conferences on regular basis to expose the university and resources of the university among the participants all over institutions and university.
- Carrying out action research by involving more students.
- Planning to take M.Sc. students to IIT BBSR for a visit.
- Planning to conduct a Science exhibition in the 2<sup>nd</sup> week of January 2019.
- Planning to provide NET/GATE coaching to M.Sc. final year students from external resources.

## 9. Student Welfare

- Hostel Visits were conducted by faculties during evening hour to check the student's study hour.
- Each student (Senior or Junior, Undergraduate or Postgraduate) must submit an Anti-Ragging Undertaking/Affidavit through online.
- A parent's teacher's meeting was held on 22<sup>nd</sup> Dec. 20 no of parents of 11 students visited the university and we had discussion on various aspects of curriculum examination placement etc with the parents.
- A very well appreciated GTM project has been done by four final year students. ((Aswin Sethy, Prabhat Sahoo, Visheswar Puhan, Jyoti Ranjan Puhan) Pedestrian Bridge Jaydev bihar replica.(3D) using 3D experience.
- A student Jyoti Marandi has done a project 3D Shopping Mall by using Revit and Lumion RT. Solid waste management and shortest route identification of jatni municipality by( Ashlok Kumar , Nirmalya Nayak , Tanveer alam).
- Identification of ground water potential zone and estimation of quality of jatni Municipality water by Sushree Sambedita and Roshanlal Satnami.
- Land use and land cover change detection of jatni Municipality by Abhay Prasad Sahoo, Soumya Ranjan Sahoo.
- Student related activities – competitions, sport activities, achievements, mentoring, remedial classes
- Mentoring classes was held once in a week.
- Poster presentation by students in 20<sup>th</sup> OBPC held at NISER on 17<sup>th</sup> and 18<sup>th</sup> December.
- Poster presentation by three students in 88<sup>th</sup> annual session of NASI Govt. of India which was held at mahatma Gandhi Chitrakoot Gramodaya Viswavidyalaya Chitrakoot, MP on 6<sup>th</sup> to 8<sup>th</sup> December 2018.
- Students participated in PPT presentation on National Seminar and OBS (Odisha Botanical Society) which was held on 23<sup>rd</sup> and 24<sup>th</sup> December.
- M.Sc students went to carry out their project research to different universities and Institutions of national repute.
- Mentoring class is holding once in a week and reports has been send regularly to the concerned parents of different students.
- Remedial Class was conducted for EOD registered students by respective subject faculty members.
- Dr. S. K. Biswal, Head of Metallurgy Department, IMMT Bhubaneswar gave a talk on Technologies transferred to steel industries on 24<sup>th</sup> .Nov 2018.
- B.Sc final year students 'Parent meeting was organized by the department on 15<sup>th</sup> Dec .2018
- Students were given some sweets on the occasion of Children's' Day.
- A friendly Badminton tournament was held on 26.12.18 between faculty and students.
- Christmas was celebrated in the department with the students.
- Students and Faculties participated in the Pitch Deck session held at CUTM.

## 10. Faculty and Staff Welfare

- Faculty development programs were held for the EEE faculties to enhance Industry-Academic Interface.
- Two projects-Water level indicators have been installed in Aryabhata Building and MBA building.
- Inspection was done for the not working equipment's of Power Electronics and Control Laboratory.
- AMCAT domain test for faculties was held on 25th October.
- Principles of RCC Design up to and beyond Limit State highlighting the short coming of IS 456 2000 with application of software" from 3rd Dec to 7th Dec. by Mrs. Sagarika Panda and Mr. Rakesh Kumar Jena
- Dr. R.C Mohanty, Prof. Mukunjee Pandey, Prof. Ipsita Mishra, Prof. Girija Arka, Prof. Saumya Kanta Sethy, Prof. Smarajit Punyakanty attended a workshop on FEAST VSSC/ISRO software training on Finite Element Analysis on 6<sup>th</sup> and 8<sup>th</sup> Oct 2018 organized by Department of Mechanical Engineering, at Centurion University, Bhubaneswar Campus, Odisha, India.
- Dr. R.C Mohanty, Prof. Mukundjee Pandey and Prof. Girija Nanda Arka Participated seven days skill development program (SDP) on Concept of Electric Vehicle Design and Development from 26<sup>th</sup> Nov to 2<sup>nd</sup> Dec 2018 at Centurion University, JITM Campus, Paralakhemundi, Odisha, India.
- Dr. R.C Mohanty had been invited as a resource person for the FDP on "Finite Element Method and Analysis" on 27th Dec 2018 organized by GIFT engineering college, Bhubaneswar.
- Two of scholars S.D. Mohanty and N.H.S. Ray were awarded Ph.D degree in Convocation 2018 under the guidance of Dr. R.C. Mohanty.
- Staff picnic was arranged by University.
- Since Mr. Sasi Bhusan Padhi is doing his Ph. D programme at CUTM he has been instructed to having in fewer loads for benefits in his research work.
- All Staff and faculty members joined the Birthday celebration of Dr. Dojalisa Sahu, Head of the Department on 7<sup>th</sup> November 2018.
- Dr. Arun Kumar Pradhan's Birth Day was celebrated on 3<sup>rd</sup> Dec 2018.
- All Teaching and Non-Teaching Staffs were invited to Mr. Laxmikanta Sasmal Son 1<sup>st</sup> birth anniversary and pray the almighty for his long life.
- Diwali was celebrated in the department with Diyas and Rangoli competition.