



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

**Centurion University of Technology and Management  
Bhubaneswar Campus  
IQAC Minutes of Meeting (April-June 2020)**

Date : 3rd July 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 IQAC)
4. Dr. Dipankar Bhattacharyay( Dean, SoAS )
5. Prof. Sunil Kumar Jha (Dean SoPAHS)
6. Dr. Amiya Singh(Dean, SoVET)
7. Prof. Chandrabhanu Pattanayak(Dean, IKS & SoMC)
8. Dr. Subrat Pradhan (IQAC Coordinator, ECE)
9. Dr. Ramaprasana Dalai (IQAC Coordinator, EEE)
10. Prof. Pragyan Parimita Debata (HoD, Mechanical)
11. Dr. Kamal Kumar Barik (IQAC Coordinator, Civil)
12. Dr. Sujata Chakrabatty (IQAC Coordinator, CSE)
13. Mr. Chittaranjan Routray (IQAC Coordinator, Chemistry)
14. Mrs. Swarnalata Jena (IQAC Coordinator, Mathematics)
15. Dr. Goutam Kumar Mahato (HoD, Mathematics)
16. Ms. Nibedita Nayak (IQAC Coordinator, Physics)
17. Dr. Yashaswi Nayak (IQAC Coordinator, Zoology)
18. Mrs. Bhagyeeswari Behera (HoD, Botany)
19. Dr. Gurudutta Pattanayak (Dean, SoPLS)
20. Mr. Sabyasachi Dey (IQAC Coordinator, SoM)
21. Mr. Kulabhusan Pradhan (IQAC Coordinator, SoVET)
22. Mr. Himansu Bhusan Samal (IQAC Coordinator, SoPLS)

### **Agenda & Plan of Actions to be taken**

- All students will be intimated regarding the new course structure and for subject registration.
- Updating the NAAC files as per the availability of data.
- Plan to submit at least 3 research papers in highly indexed unpaid journals.
- New Syllabus for core subjects of B.Sc and M.Sc were developed.
- Covid -19 still persisting and spreading it was decided to start online class through courseware.
- Students will be registering only for Domain courses in the upcoming semester of all program
- Students less than 75% attendance can't appear for EOD examinations of the backlogs.
- To plan for online National Conference and FDPs which were postponed due to the wake of Covid-19.
- All B.Sc and M.Sc courseware reformed.
- Python introduced in BSc and M.Sc syllabus.
- Students less than 75% attendance can't appear for EOD examinations of the backlogs.
- Planned for submitting project proposals to different funding agencies.
- Mapping and identifying various files as per new criteria at the department level.
- One day Webinar was organized on “**Natural product and medicinal plant research**”.
- Result analysis was done on published even semester.
- Each faculty member needs to publish at least three papers in a Scopus index journal.
- Mentors are advised to talk to students regarding any issue about online classes.
- Course coverage and student attendance was verified for individual subjects.
- Faculties were advised to conduct 3<sup>rd</sup> internal in online mode and also to submit the mark in the deadline given by exam cell.
- Faculties were advised to give the list of external names for the lab external exam.
- Faculties were advised to conduct internal evaluation of the practice course.
- New departmental responsibility list was published.
- Research coordinator was requested to send the research data.
- All the courses were digitally aligned and newly developed.
- All the courses were uploaded in courseware by the assigned faculties.
- All the faculties were advised to upload daily work load in the timesheet app.
- Faculty publication count is targeted to a minimum of 3 in peer reviewed SCI, Scopus or WOS journals.
- Student evaluation of practice courses and theory courses were conducted through ZOOM, Impartus and other online platforms.
- Many revision sessions were conducted to make the curriculum modification successful.
- The faculties are instructed to submit their work from home report on a daily basis to the respective deans. The same was followed by implementing the online Timesheet APP.
- Faculties were asked to take extra classes on Impartus to complete the syllabus by 22<sup>nd</sup> April 2020.
- Faculties were asked to prepare MCQ question papers for the subjects they were taking to carry out Semester exam during lockdown period due to the spread of COVID 19 Virus
- Faculties were given IEEE user ID and Password for the IEEE access to increase the number of publications.
- Keep on Updating the NAAC files as per the data available.
- Students less than 75% attendance can't appear EOD examinations of the backlogs

### **Admission related**

- It has been decided that every faculty member of the department will help in the admission process (at least channelize students to the admission team).
- Due to covid-19 outbreak the intermediate as well as B.Sc. examinations of most of the universities have not been 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 University authorities advised to take proper measures to avoid physical contamination during admission. If possible maximum work should be done online.
- Due to COVID 19 faculty members have not visited different institutes to give career counselling presentations to students.
- Each faculty should try their level best to collect the contact numbers of coaching centres in their home areas.
- In this Covid period (April, May, June) as students are not available in campus/class we are unable to perform any kind of group activity (workshop/career counselling).
- For West-Bengal connected with Mr. Sourjabrata Ghosh(Admission Incharge, West- Bengal)
- For Odisha connected with Mr. Ghanasyama Jena(Admission Incharge, Odisha)

- Faculties were asked to give information to the admission team about their friend, relative, or even a co-worker, either here in India or abroad, who could benefit from one of university programs to strengthen the admission process by mailing on [referral@cutm.ac.in](mailto:referral@cutm.ac.in).
- SoPAHS department had discussion with the admission team online, where Prof. S. K. Jha brief about the course structure, course duration and the course fees to the team. Prof. S. K. Jha and Mr. Sanjay Kumar Gouda collect the updates regarding the admission details.
- Each faculty member was trying their level best to collect the contact numbers of coaching centres students in their hometowns and share them with the admission coordinator.
- The Department and Admission team has decided to boost the number of admissions in the current academic session.
- Faculty members are advised to help the admission team in the brand building of the department and in admission.
- Faculties of SoVET are calling the passed out students including the batches from 2014 to 2017 to support for the admission.
- Faculties of SoVET are calling the students who have appeared in the matriculation examination in 2020.

### **Teaching and Learning**

- Faculty members revised the course content for the BSc syllabus and new courses were introduced in the MSc syllabus.
- Course presentation was done in CUTM courseware by faculty members
- Faculty members developed the course content for the revised B.Sc. syllabus and new M.Sc. syllabus.
- Course presentation in CUTM courseware was done by faculty members.
- All courses to move to minimum Theory-Practice or Project made
- Align with global curriculum
- Have as many simulations/ v labs as part of it
- Content to be laid out in a course outline available on courseware web site and it should contain even evaluation criterion
- 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.
- During the COVID19 situation all the faculties have gone through a complete transformation in conducting classes i.e. from regular classroom teaching towards online and digital teaching.
- Curriculum reformed to align digitally with the global curriculum.
- NSQF for engineering and skills were taken into strict consideration.
- Simulations, 2D and 3D visualization have been a mandatory component in the curriculum.
- As many possible practice sessions are assigned to make the practice sessions successful through various simulators like Dassault, Delmia, Proteus, Matlab, Labview etc.
- A courseware is designed to make the entire syllabus transparent and online available globally.
- The course outline laid out such that the contents would include the evaluation criteria.
- All the upcoming lectures would be recorded to make it available for the students for future reference during semester examinations.
- Online classes were taken via Impartus to finish up the remaining syllabus of the even semester post lockdown due to Covid-19.
- New syllabus was developed by the faculty members under the guidance of a mentor (area wise).
- The detailed course outlines along with study materials with session wise plan has been uploaded on courseware which includes session wise ppts as well as YouTube videos.
- Due to this current situation, teaching is happening through an online process and it is going smoothly. Students are attending the classes regularly and the shortage of attendance is very less.
- Teachers are taking interactive sessions with the students and teaching is conducted through a project base which is helpful for the students to understand easily.
- BIOVIA- All the faculty members participated in the training session and published 26 publications.
- All the 3rd internal tests were conducted successfully and the final examinations were conducted successfully. The students got their result and we are ready and prepared to start the upcoming session.
- All the faculties had conducted the mock test for internal as well as external in online mode to facilitate the students appearing for the online exams.
- A courseware is designed to make the syllabus transparent and online available globally.
- All the upcoming lectures would be recorded to make it available for the students for future reference during semester examinations.

## Assessment

- Lesson plan preparation and presentation by respective faculty members was done in online mode.
- The course to be taught in this semester has been uploaded in the courseware and students are intimidated by the Dean and HoDs by online presentation through the zoom app.
- The academic calendar has been published and classes will start shortly in July.
- EOD examination time table has been released from the examination cell and students are preparing for the same which will also take place in online mode.
- All M.Sc. and M.Phil project evaluation and BSc practical evaluation were done in online mode due to Covid Pandemic situation.
- Online Semester exams were completed for all batches of even semester.
- All M.Sc and M.Phil project evaluation were done in online mode due to Covid situation
- Online Semester exams were completed for all batches of even semester.
- All B.Sc., M.Sc. and M.Phil. Project evaluation was done in online mode.
- Results of B.Sc. and M.Sc. final year have been published so that students can plan for their future options.
- Load distribution, Lesson plan preparation and presentation by respective faculty members
- E-content is finalized and ready to upload into the tabs. The purpose being to give each individual student offline learning through an effective medium ( Tabs given to students )
- The courses to be thought in this semester has been uploaded in the courseware and students are intimidated by the Dean and HoDs by online presentation through zoom
- The academic calendar has been published and classes will start shortly in July.
- EOD examination time table has been released from the examination cell and students are preparing themselves for it.
- 2nd, 4th and 6<sup>th</sup> Semester and external practice assessment of both M.Sc. and B.Sc. students was completed in the month of April.
- Load distribution, Lesson plan preparation and presentation was done and submitted in courseware by respective faculty members.
- All semester classes were done by Impartus. All faculties had completed their syllabus in due time. Examinations including EOD are also done by online mode due to COVID 19 pandemic..
- Remedial classes for the mostly detained students, discussion of previous year questions, and summarization of the course taught online and as last planner a discussion is to be made for improvement are the ameliorative measures.
- It is decided that each faculty shall try to collect at least five years' question papers and will give students. Teachers shall prepare 100 probable questions per paper to be shared with students and answers thereof shall be presented in the class through PPT by students. E-contents to be shared with students, every day Home assessments are essential along with assignments and learning records.
- Centralized Online review system by a befitting panel over Skype for Domain students
- Slow learners are identified and extra exercises given for practice
- Internal exam (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>) evaluation completed and marks uploaded in ERP.
- Class test 3 and all the external, internal evaluation had been completed online.
- During the on-going social status the curriculum pattern is modified to suit the situation and evaluation of the students as per University Examination norms.
- Internal examination and Even Semester examination conducted smoothly in the Online Mode
- Result analysis has been done for all department Final Semester exams held in online mode.
- Workload distribution, Lesson plan preparation and presentation by respective faculty members
- The courses to be taught in this semester have been uploaded in the courseware and students are intimidated by the Dean by online presentation through zoom.
- EOD examination time table has been released from the examination cell and students are preparing themselves for it.
- Online Semester exams were completed for all batches of even semester.
- Online tests were conducted before the semester examination.
- Students were asked to submit the soft copy of the final project report of their last semester in the last week of April, 2020.
- Internal and external viva of the students were completed online.

## Students Activity:

### ● 1<sup>st</sup> to 30<sup>th</sup> June 2020

As the number of COVID-19 cases in our country is increasing day by day, the lockdown across the nation is continuing. University has been shut down due to the lockdown, and students were left with lots of free time on their hands besides online classes, online exam etc. at home and to utilize their time productively

and gain something out of it, Dr. Sangram Keshari Swain (CSR Head) came up with a new initiative-cum-competition nurturing the students 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 was open for all students of Centurion University irrespective of campus/school/program which started on 1<sup>st</sup> June and got over by 30<sup>th</sup> June 2020. The idea was to engage students to inculcate and capture our values focusing on sustainability and contributing towards society.

Students from MSc and BSc programme participated in this competition and 5 students (Aparna Jena, Deeptimayee Dash, Subhashree Rout, Smrutisoumya Das and Banaja Prakashini of MSc and Rituraj Ghosh and Ankita Pradhan of BSc were declared as winners in different activities.

- 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.
- B.Sc 1<sup>st</sup> year Student Teepra Mahanta had participated in unlocked during lockdown event in paint your dreams category from 1<sup>st</sup> June to 30<sup>th</sup> June.
- Result was analyzed for the final semester i.e. 2<sup>nd</sup> semester of M.Sc. and 6<sup>th</sup> semester of B.Sc.
- Except Plant biotechnology and bioinformatics the pass percentage of both the programmes is 100%. In Plant biotechnology and bioinformatics the pass percentage is 98.67.
- Students attended civil quiz competitions and won prizes.
- 8<sup>th</sup> Semester students have successfully completed their Internship. ML domain students published papers.
- Mentors are advised to talk to students so that more students should register for EOD who are having less than 4 back papers.
- As maximum students are having back papers in strength of materials and thermal engineering, the concerned faculties were advised to take special attention on these papers.
- Design and Development of Electric Bike developed by final year students Tanmitta Mishra, Archisman Mishra and Soumyakanta Padhi who are participating in the prestigious global design competition "Student Project of the Year 2020" organised by Dassault Systems Academy.
- 8<sup>th</sup> Semester online examination results were published and our departmental students had secured very good Grades with 100% pass percentage.
- Students were asked to attend the Regular FDP (4-6 PM) to upgrade their skills and give presentation on their skill expertise.

### Students Welfare

- Department of Zoology organized a webinar on **“Epigenetic regulation by light”** in online mode, of Bhubaneswar Campus. The resource person was Dr. Shubhendu Palei (Post-Doctoral Researcher) from Dept. of Chemistry and Chemical Biology, German University. He explained the concept of Epigenetics and its application on various aspects of light. The seminar was attended by all the students and faculty members of the Department of Zoology along with Dr. D. Bhattacharyay (Dean SoAS) and Dr. MD Siddique (Asso. Dean SOAS) and Head of the Zoology Department Dr. Yashaswi Nayak.
- Remedial Classes were organized for poor performing students by respective faculty members.
- 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.
- Faculty members are told to help the students who are appearing in EOD.
- Results of B.Sc and M.Sc final year have been published so that students can plan and focus on their future options.
- A Webinar was organized by the Department of Botany, School of Applied Sciences, on 20<sup>th</sup> June 2020 on the topic **“Natural Product and Medicinal Plant Research”**. In the inaugural session Dr. Rukmini Mishra, HoD, Botany Department, presented the welcome address. Dr. Dipankar Bhattacharya, Dean, School of Applied Science, addressed the session. The aim of the webinar was to enlighten the participants about the diversity of medicinal plants, their importance in day to day life and usage in the pharmaceutical industry. Two prominent speakers Dr. Alok Kalra and Dr. Alka Dangash delivered their talks on medicinal plants.
- Parent Teachers meeting was held for the students across all the years so that the students along with their parents could visit the campus and express their concerns about their ward if any and share experiences or any information required from the teachers at the department level.
- Hostel Visits were conducted by faculties during evening hour to ensure that the decorum of the student's study hour is maintained and conducive environment provided.
- Under 25 Summit was arranged on 18<sup>th</sup> Jan 2020 for all our students to celebrate and participate.

- Annual function participation by the department students in various drama and dance performances was witnessed by one and all.
- Introduction to Human Rights have been registered by 2nd Semester and Intro to Ethics, Yoga & Wellness by 6th semester students as a Value added course.
- Student related activities – competitions, sport activities, achievements, mentoring, remedial classes had been done.
- Intra college and inter college sports had been done and mechanical students had participated.
- From 29.06.2020 daily SIP progress review was conducted on a daily basis on a fixed time slot. Each student was asked to give a presentation on their progress, this helped the student to understand their mistakes and they were able to make necessary corrections to their work.
- One faculty member was deputed as mentor/proctor to 30 numbers of students so as to keep a record of their academic activities and to help them in their academic problems.
- Every mentor is asked to contact the parents to be intimate about the courseware, it's implication as well as conduct of online class by courseware in this semester.
- Faculty members are told to help the students who are appearing in EOD.
- Dept. of SoPLS organized a live webinar on “**Employment Opportunities in Pharmaceutical Management**” by the Resource Person Mr. Himanshu Nayak, Assistant Manager, Global Data & Analytics, TCS held on 24<sup>th</sup> May 2020.
- Dept. of SoPLS organized a live webinar on “**Scope of Clinical Research and Associated Domains**” by the Resource Person Mr. Vishal Chaudhari, Head of operation, Clini India, held on 13<sup>th</sup> June 2020.
- School of Pharmacy and Life Sciences organized a live webinar on “**Role of Pharmacy & Pharma MBA Professional for strengthening the Health care system**” by the Resource Person Sunil Chaturvedi, Director-Pharma Network at SVKM's, NMIMS held on 20<sup>th</sup> June 2020.

#### **Student Training:**

- All the students were trained on using courseware apps for attending classes in online mode.
- M.Sc. students were trained in Biovia (Pipeline Pilot) to complete their final year project.
- All students are trained to use courseware apps.
- All the students are trained on how to use courseware apps for online class.
- One workshop has been conducted by the department on “Total station” for both faculty and students from 24th May to 27th May by our faculty Er. Rakesh Kumar Jena by onlione (ZOOM meeting).
- LSD classes were initiated for all the eligible students.
- Base line or Cupet test has been initiated for students.
- Summer placement training, Cocube pre assessment training were carried out.
- Final year students were asked to go to various industries to gain Industrial Training.
- MBA Data analytics students were allotted some challenging projects. They will work in different projects of Gram Tarang, CUTM etc. using Tableau, Power BI, Python and Excel as well till September. These strategies were decided in the meeting dated 22.06.2020 coordinated by Dr. Madhumita Das - MBA Data Analytics Coordinator.
- Prof. S. K. Jha conducted one webinar on the topic-“**COVID 19: Everything a Healthcare Professional needs to know**” for both faculty and students on 17th April 2020, Friday from 5:45 to 8:45 PM on ZOOM app. It was an interactive session by expert's panel from (AIIMS, MAMC, VMMC & SAFDARJUNG AND ISCCM).
- The 2nd webinar was conducted by the SoPAHS department on the topic “**Combating COVID 19 with AYUSH**” for both faculty and students on 27<sup>th</sup> April 2020, Monday from 4:30 to 5:45 PM on the zoom app. It was an interactive session with Dr. Tanuja Nesari, Director, All India Institute of Ayurveda.
- 3rd webinar of SoPAHS conducted on topic “**Emotional Wellbeing during COVID 19**” for both faculty and students on 22nd May 2020, Friday from 4:00 to 5:50 PM on ZOOM app. It was an interactive session with Dr. Sumit Singh, Chief Neurology and Co-Chief Stroke, Artemis Agrim Institute of Neurosciences, Gurugram and Dr. Achal Bhagat, Senior Consultant Psychiatrist & Psychotherapist, Indraprastha Apollo Hospitals, New Delhi.
- Dr. Rukmini Mishra HOD, Department of Botany presented her research work on open forum FDP on topic “CRISPR/Cas Genome editing: A novel approach towards food security”.
- Mrs. Bhagyeeswari Behera, Assistant Professor, Department of Botany presented her research work on “Dry lab to wet lab: Comparative antibacterial and phytochemical studies of in vivo and in vitro plant parts of Mucuna gigantea (Willd.) DC.-An endangered medicinal plant of Odisha” on open forum FDP on 5<sup>th</sup> June 2020. She discussed the details procedure in dry lab that is using BIOVIA software,

- Mrs. Kalpita Bhatta, Assistant Professor, Department of Botany, gave a talk on her ongoing research activity in Centurion. In brief she elucidated the antimicrobial activities of *alternanthera sessilis*, phytochemical screening which involves both preliminary and spectral studies.

### **Placement Training**

- Pre-placement training and development classes facilitated for 3rd year students.
- 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, iCalirator, Eureka, OPTCL, Pegasus, Showhow2
- Due to COVID the process is greatly affected but the placement team has been fighting and conducting various mock tests during this period.
- Online summer training was arranged to get students ready to appear for placement interviews.
- Life Skill Development – 1 continued for MBA 1st year students. Personality Development Lab is conducted by Research Scholar and one SoM faculty for BBA (1st and 2nd year students) in the month of April.

### **Job Preparedness**

- In this Pandemic period, personal counseling and doubt clearing online classes were carried out for CSIR NET aspirants by concerned faculty.
- Students were specially final year students preparing for construction companies like L&T, Gammon India, Some were preparing for GATE , PSUs and Govt. Sectors
- Students are given special training classes in C for preparing AMCAT oriented questions in order to widen their job gaining prospects.
- Placement pledge was asked of students to ensure they attend all the in-campus drives so that student's placement percentage is increased.
- MOCK interviews and GD and PI were planned at the department level.
- Due to Covid the process is greatly affected but the placement team has been fighting and conducting various mock tests during this period.
- COCUBES, AMCAT and IELTS tests have been conducted.

### **Student Mentoring**

- Mentoring is done weekly once of both BSc and MSc programmes, which also reflects in the timetable. The report is submitted to HoD after each mentoring class and accordingly the requirements of students are taken care.
- All the mentors were also advised to interact with parents as well as students regarding current semester teaching and learning updates in online mode.
- Mentoring was done by faculty members for B.Sc. and M.Sc. students for online semester exams, online subject registration etc.
- 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.
- Online mentoring was carried out regarding the new course structure.
- Faculty members contacted their respective mentees by phones and discussed the problems. Also faculty members contacted parents for pending university fees.
- Career plan template and Back paper template was filled.
- Students with backlogs were encouraged to clear them and for helping the purpose previous year question papers and solutions for the same were provided for practice.
- Parents were informed about the backlog status of their ward so that they could counsel and motivate them for clearing those papers.
- Mentors were asked to submit a report to HoD thereby informing their mentees along with their parents to clear their academic dues by 31<sup>st</sup> March 2020.
- All the mentors were advised to take feedback from students regarding online classes
- Mentors were constantly in touch with their mentees to make them aware about the online class, internal exam, project evaluation, semester exam, resumption of classes, syllabus revision, Payment process.

- On a regular basis each mentor is discussing with the Mentees regarding percentage of attendance, dues clearance and back papers.
- All the mentors were also advised to interact with parents as well as students regarding current semester teaching and learning updates in online mode.

### **Student satisfaction Survey**

- Students were instructed to fill up the feedback form online regarding the new syllabus and online semester examination.
- Online feedback was taken from Students for the newly developed syllabus and for online semester examination.
- Online feedback was taken from Students for the newly developed syllabus and for online semester examination.
- Student feedback had taken online due to COVID 19 and the satisfaction level was good.
- 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 given their valuable feedback.
- Online feedback was taken from Students for the online semester examination centrally.

### **Faculty and Staff Welfare**

- All the faculty and staff members were advised to stay at home due to Covid Pandemic and practise work from home through the internet and submit monthly work reports to the Management through their respective HoDs.
- Time tracker sheet is also introduced to record daily routine work and upload before 12am every day
- Faculty members publishing research papers in UGC/Scopus/SCI journals were given incentives
- Faculty members were given incentives against their publications in UGC/Scopus/SCI journals.
- Towards the end of June, a timesheet has been developed where faculty and staff members can upload their work from home report online (daily basis). At the end of the month, the report can be generated
- Dr. T. N. Samantarais assigned the new role as HOD Mathematics w.e.f. 27<sup>th</sup> April 2020.
- The department conducted an AI/ML workshop for the students across all campuses where the faculties from Bhubaneswar campus pioneered as the resource who delivered the workshop.
- All faculties have been participating in various FDP conducted internally and also conducted by external institutions.
- Faculties were regularly advised by the Registrar to obey Covid-19 Guidelines circulated by the Central Government.

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

- Dr. Susanta Kumar Biswal was selected for Innovative Research and Excellent Educationalist Award by Innovative Scientific Research Professional Malaysia.
- Mr. Chittaranjan Routray was also selected for Innovative Research and Dedicated Teaching Professional Award by Innovative Scientific Research Professional Malaysia

### **Faculty participation in Seminars/Conferences and Symposia**

- Dr. Madhumita Das Presented a Paper titled “Cost-benefit Assessment of Ecotourism: A Case of Bhitarkanika Wildlife Sanctuary, Odisha, India” in a webinar of on Biodiversity, Wildlife and Traditional Knowledge from 8th to 9th May 2020 organized by ENVIS-RP, Institute of Wildlife Sciences, ONGC Centre for Advanced Studies, University of Lucknow, Lucknow, Uttar Pradesh.
- Prof. Shiv Sankar Das attended a two e-Conference on "Clean Energy & Efficiency 2020" organized by ICC, West Bengal on 18-19 June 2020.
- Dr. Sabyasachi Dey participated in a National webinar titled "Revival of Indian Economy in the post Covid – 19 – Issues & Challenges" on 1st June, 2020 organised by NSCB Govt. College, Sambalpur, Odisha, India.
- Dr. Gyanranjan Mahalik participated in an online symposium on the topic “DNA Evidence in the Era of Modern Bio Forensics” 22<sup>nd</sup> June 2020.
- Dr. Gyanranjan Mahalik participated in the National Webinar on “Recent Biotechnological Tool for Crop Improvement”.
- Miss Kalpitta Bhatta participated in the National Online Conference on “Environment, Human Health and Sustainable Development Goals” 5<sup>th</sup> and 6<sup>th</sup> June 2020.
- Miss Kalpitta Bhatta participated in National Online Workshop on “LC-MS: Instrumentation and Its Use in Quantification and Identification of Bioactive Molecules” 10<sup>th</sup> and 11<sup>th</sup> June 2020.
- Miss Kalpitta Bhatta participated in an online symposium on the topic “DNA Evidence in the Era of Modern Bio Forensics” 22<sup>nd</sup> June 2020.



- Dr. Rukmini Mishra and Dr. Gyanranjan Mahalik attended the online seminar on “How is CRISPR-Cas accelerating crop improvement?”
- On 10<sup>th</sup> & 11<sup>th</sup> April 2020 attended a workshop on Intellectual Property Rights organized by PDPU & IPPO.
- On 10<sup>th</sup> May 2020 attended a Webinar on “Drafting a Patent Application & Procedure for Filing an Indian Patent” organized by Vignan Pharmacy College, Guntur.
- On 11<sup>th</sup> -16<sup>th</sup> May 2020 attended a e-FDP on “Redefining the Role of Educator in Covid-19 Outbreak Era”, which was organised by Gujarat Technological University, Ahmedabad and Anand Pharmacy College, Anand, Gujarat.
- On 18<sup>th</sup> to 22<sup>nd</sup> May 2020 attended a e-FDP on “Building Research and Innovation Culture among Pharmacy Teachers”, which was organised by Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune in association with APTI.
- On 26<sup>th</sup> to 29<sup>th</sup> May 2020 attended a e-FDP on “Road Ahead: Scope of Online Teaching and Advancement”, which was organised by APTI Odisha.
- On 26<sup>th</sup> June 2020 to 28<sup>th</sup> June 2020 attended a International e- conference on “Recent trends in shaping the pharmaceutical innovation”, organised by IPT, Salipur.
- Attended a webinar on “Virtual session on career opportunities in clinical research” 7<sup>th</sup> July 2020 organised by SGT university, Delhi.
- On 10<sup>th</sup> June 2020 to 15<sup>th</sup> June 2020 attended a e-FDP on “Innovations and technology developments in pharmaceutical sciences” which was organised by CMR college of pharmacy, Hyderabad with APTI.
- Mr. Rama Prasanna Dalai - Attended a FDP on Embedded system and IOT application from 4<sup>th</sup> June to 6<sup>th</sup> June.
- Mr. Rama Prasanna Dalai - Attended A webinar on Research paper, Sponsored project and indexing on 7<sup>th</sup> June 2020.
- Mr. Rama Prasanna Dalai - Attended a webinar on Space APP challenge on 11<sup>th</sup> June 2020.
- Mr. Rama Prasanna Dalai - Attended an One week FDP on Design of Solar PV system using PVSYST software from 9<sup>th</sup> to 13<sup>th</sup> June 2020.
- Mr. Rama Prasanna Dalai - Attended online FDP on Challenges and research opportunities in Microgrid operation, control and protection from 15<sup>th</sup> to 19<sup>th</sup> June 2020.
- Mr. Rama Prasanna Dalai - Attended a FDP on Role of AI in future Microgrid control from 17<sup>th</sup> to 20<sup>th</sup> June 2020.
- Mr. Rama Prasanna Dalai - Attended a FDP on Future research scope in Electrical Engineering from 22<sup>nd</sup> to 26<sup>th</sup> June 2020.
- Mr. Rama Prasanna Dalai - Attended a short term course on Research opportunities in Power Electronics from 26<sup>th</sup> to 30<sup>th</sup> June 2020.
- Mr. Amit Kumar Sahoo - Attended online FDP on Artificial Intelligence from 22<sup>nd</sup> May 2020 to 26<sup>th</sup> May 2020 under AICTE Training and Learning (ATAL) Academy organised by NIT Warangal.
- Dr. Sudhansu Kumar Samal - Participated in the webinar series on “Understanding Power System Simulation concepts through case studies” organized by IEEE PES-IAS Chapter Delhi Section and PES India Chapters Council held from 22<sup>nd</sup> June 2020 to 26<sup>th</sup> June 2020.
- Dr. Sudhansu Kumar Samal - Attended 5-Day(9<sup>th</sup> June to 13<sup>th</sup> June) Online Faculty Development Programme (FDP) on "Electric Vehicles - An Academic and Research Perspective" by Department of EEE, Sri Vasavi Engineering College, Tadepalligudem, West Godavari Dist., Andhra Pradesh-534101.
- Dr. Sudhansu Kumar Samal - Attended the webinar titled- "Motors & Magnets: Simulating Low Frequency Electromagnetic" on 12 May 2020. by Dassault systems..
- Dr. Sudhansu Kumar Samal - Attended Webinar on 'To Guide Students to Select Meaningful Engineering Projects' " on: Thu, Jun 18, 2020 4:00 PM - 6:00 PM IST by Dassault Systems Foundation, India.
- Mrs. Smita Jana - Attended the Live Building India's First Mass Electric Scooter (NPTEL Youtube) by Mr Tarun Mehta of Ather Energy on 20<sup>th</sup> May 2020.
- Mrs. Smita Jana - FDP on Digitalization by Motwane Manufacturing on 29<sup>th</sup> May 2020.
- Mrs. Smita Jana - Webinar -Innovative Technologies in Power Transformers on 5<sup>th</sup> June 2020.
- Mrs. Smita Jana - Attended webinar on Electrical System Protection – Railway Application of Power System protection on 6<sup>th</sup> June 2020.
- Mrs. Smita Jana - Attended webinar on Basics of Earth Testing on 13<sup>th</sup> June 2020.
- Mrs. Smita Jana - Completed a Course on Python for Beginners conducted by E & ICT IIT Roorkee in association with Cloudxlab.
- Mss. Linkan Priyadarsini - Attended Webinar on "Electric Vehicles Future of 21<sup>st</sup> century from 1<sup>st</sup> June to 6<sup>th</sup> June, 2020.

- Mss. Linkan Priyadarsini - One Day Online Workshop on “Advanced simulation Tools for Power systems, Power Electronics and Electromagnetics” on 10th June,2020.
- Mss. Linkan Priyadarsini - Attended a FDP on Future research scope in Electrical Engineering from 22nd to 26th June 2020.
- Mss. Linkan Priyadarsini - Attended online FDP on Python for Machine Learning conducted by EICT, IITR.
- Mr. Nanda Kishore Ray - Completed online course on "Internet of Things" conducted by CTTC from 01 April – 22<sup>nd</sup> April 2020.
- Mr. Nanda Kishore Ray - Attended online FDP on "Machine Learning & AI using Python" conducted by EICT, IITR from 27<sup>th</sup> April to 06<sup>th</sup> May 2020.
- Mr. Nanda Kishore Ray - Attended Five Day online FDP on "Recent Trends in Electrical Engg." organized by VIT Bhimavaram from 08 June to 12<sup>th</sup> June 2020.
- Mr. Nanda Kishore Ray - Attended a webinar on "Covid-19 impact on Indian electricity grid operations and the pan India lights out event of 5<sup>th</sup> April 2020" held on 29<sup>th</sup> April 2020.
- Mr. Nanda Kishore Ray - Attended a webinar on "Future Energy Challenges in Green Technology" on 09 June 2020 organized by GIET, BBSR.
- Mr. Nanda Kishore Ray - Attended Four Day e-FDP on "Role of AI in Future Microgrid Control" from 17 to 20 June 2020 organized by SIT, Sambalpur.
- Mr. Nanda Kishore Ray - Attended a Three Day webinar series on "Python in Data Processing" from 11 May to 13 May 2020 organized by SWARNANDHRA College of Engineering & Technology, AP.
- Mr. Nanda Kishore Ray - Completed an online course "Python Data Structure" in Coursera on 31 May 2020.
- Mr. Nanda Kishore Ray - Attended webinar on "How to get research grants from UGC, AICTE" on 09 June 2020.
- Mr. Nanda Kishore Ray - Participated in a Three Days National Workshop on "How to Draft Effective Scientific Publications, Patents and Patent filing" from 02 July 04 July organized by BIT, Hyderabad.
- Mr. Nanda Kishore Ray - Participated in one week online FDP on "Recent Advances in Electrical Engineering " from 22 June to 27 June 2020 organized by BIT Hyderabad.
- Mr. Nanda Kishore Ray - Participated in One Week online FDP on "Challenges & Opportunities in Electrical Engineering - A Research Perspective from 15th to 20th June - 2020 organized by Bharat Institute of Engineering and Technology (BIET).
- Mr. Biswajit Mohapatra - Participated in Five Days Faculty Development Program on "eSim” organised by All India Shri Shivaji Memorial Society's Institute of Information Technology (AISSMS IOIT), Pune in association with IIT Bombay Spoken-Tutorial from 05th May - 9th May 2020.
- Mr. Biswajit Mohapatra - Participated in One Week Online Faculty Development Program On “Research Challenges and Opportunities Post COVID-19” organised by Sri Vasavi Engineering College from 4th to 9th May 2020.
- Mr. Biswajit Mohapatra - Participated in One Week Online Faculty Development Program On “Research Challenges and Opportunities Post COVID-19” organised by Sri Vasavi Engineering College from 4th to 9th May 2020
- Mr. Biswajit Mohapatra - Participated in International Faculty Development Program on “Research challenges and innovations in Renewable Energy systems ” organised by Aarupadai Veedu Institute of Technology(AVIT) from 11 May to 16 May 2020.
- Mr. Biswajit Mohapatra - Participated in Faculty Development Program on “Multilevel Inverters and Modulation Techniques" organized by EEE Department of ISTS Women’s Engineering College on 18th May.
- Mr. Biswajit Mohapatra - Participated in One week FDP "Research Opportunities on Electrical Engineering and its Applications" organised by P.S.R Engineering College from on 18.05.2020 to 23.05.2020.
- Mr. Biswajit Mohapatra - Participated in One week Faculty Development Programme on " Design & Development of Photovoltaic modules for PV Generation" organised by Lendi Institute of Engineering & Technology from 25-05-2020 to 30-05-2020.
- Mr. Biswajit Mohapatra - Participated in Faculty development program on Renewable Energy Systems” organised by Panimalara Institute of Technology from 8<sup>th</sup> June 2020 (Monday) to 12<sup>th</sup> June 2020 (Friday).
- Mr. Biswajit Mohapatra - Participated in Five Day online Faculty Development Program on “Recent Trends in Electrical Engineering” organised by Vishnu Institute Of Technology from 8th June 2020 to 12th June 2020.

- Mr. Biswajit Mohapatra - Participated in Six Day International Online Faculty Development Program (IFDP), on 'Industrial Relevance of Electrical Engineering' organised by BVRIT HYDERABAD College of Engineering for Women from 15th to 20th June 2020.
- Mr. Biswajit Mohapatra Participated in Five Day International Online Faculty Development Program on "Recent Strategies on Micro- and Smart Grid Technology (RSMSGT - 2020) organised by GMR Institute of Technology from 15th June 2020 to 19th June 2020.
- Mr. Biswajit Mohapatra - Participated in One Week International Online Faculty Development Program (FDP) On Computational Intelligence and Modeling in Modern Power System organised by Siddhartha Engg. College from Mon Jun 22 – Sat Jun 27, 2020.
- Mr. Biswajit Mohapatra - Participated in Faculty Development Program (FDP) on "Electric Vehicles: New Trends and Technologies" organised by ABES Engineering College from 22nd to 26th June 2020.
- Surya Narayan Sahu - Attended Innovating in the Substation to Reduce Risk | MIDEL and FM Global Fixing priority in Distribution Sector post Covid: Role of Regulators and Reforms.
- Mr. Surya Narayan Sahu - Siddhartha Institute of Engineering and Technology webinar on "Issues and Challenges in Wind Power Grid Integration" Tuesday, 30th June at 10:00AM-11:30AM.
- Mr. Surya Narayan Sahu - One Week Faculty Development Program on "Implementation and Simulation of Electrical Engineering Applications Using PLECS Tool" organized by Electrical and Electronics Engineering Department, Vaagdevi College of Engineering Warangal in association with Plexim, Switzerland.
- Mr. Surya Narayan Sahu - Completed online course on "Internet of Things" conducted by CTTC from 01 April - 18 April 2020.
- Mr. Surya Narayan Sahu – Attended. Online FDP on "Machine Learning & AI using Python" conducted by EICT, IITR from 27 April to 06 May 2020.
- Mr. Surya Narayan Sahu - Attended Basics of Earth Testing by Megger on May 17, 2020.
- Mr. Surya Narayan Sahu - Webinar on Grid Connected And Stand Alone Solar Plant Design Using PV-System on 7th May, 2020.
- Mr. Surya Narayan Sahu - Supervisory Control and Data Acquisition (SCADA) System, Presented by Scope T&M Pvt. Ltd.
- Mr. Surya Narayan Sahu - Attended seminar Presented by ScopeE T&M Pvt. Ltd, On 12th May, 2020 at 4.00 PM IST.
- Mr. Surya Narayan Sahu - webinar on "Internet of Things Security" conducted by The Smart Bridge.
- Mr. Surya Narayan Sahu - Four days FDP on PLECS tool, from 24 to 28 May.

### **Resource acquisition**

#### **Faculty requirement and development:**

- All faculty members were advised to attend online FDPs /Seminars and Workshop.

#### **IT Resource:**

- Courseware has been installed and every faculty member is directed to upload their study materials for online teaching.
- All the faculty members are using slack and Zoom apps for conducting online meetings during the lockdown period.
- Courseware has been configured and every faculty member has uploaded the newly developed syllabi and the session plans.
- Faculty members are given the facility to login the Urkund to check the plagiarism % of their articles before sending for publication.
- CUTM, Timesheet tracker has been configured so that every employee can submit their work from home report online everyday.
- All the faculty members were provided with an id for running Biovia software to boost their research activities.
- Courseware soft was developed by University to make easy for preparation of lesson plan and e-content submission.
- All the faculty members are using Google meet and Zoom apps for conducting online meetings during lockdown period. Faculty members were also provided with the facility of checking similarity index of a manuscript.

#### **Lab/ workshops development (equipment & others):**

- Equipment and chemicals were not procured for the laboratory in this quarter.
- 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.

- All equipment is in Functional Condition.
- Chemicals stocks were properly checked regarding their quantity and expiry dates.
- New equipment and chemicals were not procured for the laboratory in this quarter.

#### **Library Facilities:**

- List of Books (Texts & References) for the upcoming course (zoology) submitted to the library for procurement.
- In the Departmental library all books are there for each subject. For upcoming academic sessions foreign author books will be procured for references.
- Faculty can see their library status online.
- A centralized meeting was conducted by the Chief Librarians for both the campuses on library facilities like Proquest, EBSCO etc and also another session was conducted on checking the similarity index (plagiarism) of an article using URKUND.
- List of Books (Texts & References) for the upcoming course (pharmacy) submitted to the library for procurement.

#### **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.
- 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.
- E-content was prepared by faculties of respective subjects.
- Faculty members prepared the E-Content of BBA courses as well as the E-Content for the Work Integrated BBA courses.

#### **Support and Progression**

##### **CSR Activity:**

- Students took part in CSR activity through online on the theme **Unlock in Lockdown** due to covid-19 epidemic
- Students took part in CSR activities through online due to covid-19 epidemic
- SPIC MACAY Online Anubhav Series Tentative Schedule was 1<sup>st</sup> -7<sup>th</sup> June 2020. M.Sc. Students have participated in this online session.
- As the number of Covid-19 cases in our country is increasing day by day, the lockdown across the nation is continuing. University has been shut down due to the lockdown, and you are now left with lots of free time on your hands besides online classes, online exams etc. There are numerous ways a student can utilize this time productively and gain something out of it.
- CSR club 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. New activities capturing: From 1st June to 30th June 2020.
- M.Sc. student Amrita Garnayak participated in Best out of waste theme were Sports yoga meditation and preparation of food.
- M.Sc. student Snigha Behera participated unlocked in lockdown in a theme embracing nature.
- M.Sc. student Monalisa Panda participated embracing nature with the theme best out of waste, preparation of food.
- Akshay Kumar Sahoo Embracing nature with theme gardening.
- Sunanya Das participated in Reading, reviewing and story writing.
- Pratyasha Mohanty participated in embracing nature with the theme of preparation of traditional food.
- Arpita Dash Participated in Learning new tools and techniques and Read a book and learn how to write a story.
- Result will be declared on 15<sup>th</sup> July 2020.

##### **Details of campus placement:**

- B.Sc. and M.Sc. were encouraged and guided to apply for various competitive exams.
- Both M.Sc. and B.Sc. Students registered and participated in various campus drives of different companies like cognizant, byjus, Axis Bank, Surya International etc.
- Two of the M.Sc. final year students got placed in Axis Bank Pvt. Ltd.

- Both 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.
- M.Sc. final year student Abhishikta Mahanta got placed in Lumina Datamatics as Trainee Editorial Assistant in Grade –TR.
- Final year M.Sc. and B.Sc. students are encouraged to prepare for NET, GATE and IIT JAM and also various competitive examinations. Online mentoring and classes were also taken by concerned faculty.
- 3 Nos. of companies came for placement and 1 company for paid internship, Byjus, SECON and Cuelearn for placement and Shopclues for paid internship.
- Suvam Sourav Swain, Prasannajeet Patra, Nitesh Kumar, Amit Kumar, Ayush Hathi, Anand Kumar, Jyotisankar Das, Shankar Kumar Tudu, Bikash Guin, Sumit Gupta, Shubham Kumar and Roshan Kumar Singh are placed in Badve Engineering Limited.
- Chinmaya Chidananda Dehury got selected in BYJUS & Dassault Systemes.
- Pramod Kumar Rout is placed in ETech Global Services.
- D. Bharat Kumar is placed in Extramarks.
- Ashutosh Mohapatra is placed in Genpact.
- Anwesh Kumar Sahu, Abinash Parida, Vishal Gaurav, Pratik Satapathy, Ashwas Mohanty, Soumya Ranjan Sahoo are selected in GT Tech.
- Bikash Guin, Sumit Gupta, Shubham Kumar, Rajesh Kumar Biswal, Utkarsh Kumar Singh, Piyush Kumar are selected in Indian Money.
- Debadutta Tripathy, Roshan Kumar Singh, D. Bharat Kumar, Rajesh Kumar Biswal, Piyush Kumar are selected in Tech Mahindra.
- Asim Panna, Tridip Sahu, Padmalochan Bilas, Md. Adil Hussain, Rehan Fazal, Abinas Mallik, Deepti Ranjan are selected in Lokesh machines.
- Goutam Patra is selected in GTT (delmia).
- Soumya Kanta Padhi is selected in GTT (simulia).
- Tanmit Mishra is selected in GTT (catia).
- Abinash sing is selected in GTT (3d via).
- Subrata Kumar Patel, Sourav Kumar Sahoo, Mahabir Dash, Subhendu Prasad Sahoo, Ashutosh Senapati, Manas Mishra selected in AABSyS IT.
- Swaroop Mishra, Subhendu Sekhar Samal, Sourav Kumar Sahoo selected in High-Technext Engineering.
- Arun Kumar Nayak, Prem Raj, Vikash Kumar selected in GT Tech.
- Mrutyunjaya Sahoo selected in Illuminati Group.
- Sonam Priyadarsini Nayak selected in Indian Money.
- Manas Mishra, Subhashree Deo, Priyanka Oraon, Malaya Raj Maity selected in Tech Mahindra (BBSR).
- Debasmita Subhadrarani selected in Tekwissen.
- Bikash Kumar Jena, Pravatanshu Pattnayak, Subhendu sekhar Samal selected in AABSyS IT.
- Students are ready for placement. We already organised two interviews for our students.
- There are total 53 nos of students from different branches completed their internship in different organization like Sum hospital, Capital hospital, Vijaya Diagnostic centre , RMRC, Gen –X diagnostic, LVPEI, ASG Eye Hospital, CL Gupta Eye Hospital, Sankara Eye Hospital, Kalinga Eye Hospital and Dr. Agarwal Eye Hospital .
- Meeting with Final year students (Regarding training on COVID-19 & Career Objectives).
- Information shared with students regarding the job opportunities outside Odisha and consent recorded from the interested students.
- More institutions are being tapped and being explored in the coming days for opening up more job opportunities.
- During the current crisis, some of our students joined as Lab Technicians in COVID 19 sample testing at different Hospitals and Research centres. They put their lives on the front line to ensure that we as a nation are protected and cared for adequately.
- Raja Krushna Keshab Swain is placed in Deepak Nursing Home, Bhubaneswar.
- Dibyajyoti Biswal is placed in RMRC, Bhubaneswar.
- Brajaraj Prusty is placed in CDM & PHO, Gajapati.
- Khokan Rana is placed in RMRC, Bhubaneswar.
- Jyotibindu Jagadev, Soumya Ranjan Sahu are placed in CDM & PHO, Khorda.
- Swati Priyadarshini Prusty is placed in SOA Ultimate, Bhubaneswar.
- Satyabrata Giri is placed in RMRC, Bhubaneswar.
- Shraddhanjali Panda is placed in Prolife Diagnostic Centre, Bhubaneswar.

- Goutam Maity, Saikiran Das, Saroj Kumar Pradhan, Ankita Nayak, Jyotsna Priyadarshini are placed in Vijaya Diagnostic Centre, Hyderabad.

## Leadership and Management

### Professional development / administrative training programmes:

Date	Topic	Presented by
16 <sup>th</sup> Mar 20 to 12 <sup>th</sup> Apr 20	FACT 2 - Machine Learning	Mr. Mukti Patra and team
1 <sup>st</sup> Apr 20 to 25 <sup>th</sup> Apr 20	FACT 1 - Python	Prof. Nagesh Kolgani, Prof. Ramana
1 <sup>st</sup> Apr 20 to 24 <sup>th</sup> Apr 20	FACT 3 - Biovia	Dr. Dipankar Bhattacharyay
10 <sup>th</sup> Apr 20	FACT 3 - Biovia	Dr. Dipankar Bhattacharyay
11 <sup>th</sup> Apr 20	FACT 3 - Biovia	Dr. Dipankar Bhattacharyay
27 <sup>th</sup> Apr 20 to 28 <sup>th</sup> Apr 20	Web development using Wordpress	Prof. K.V.Kalyan Chakravarthi
29 <sup>th</sup> Apr 20	Computational Biology	Dr. Somasekhar Dhavala, Embibe, Bengaluru, Founder - mlsqaure.org, VitalTicks Ltd Visiting faculty - PES University
30 <sup>th</sup> Apr 20 to 1 <sup>st</sup> May 20	Making of Android App	Prof. S.B.Maharana
1 <sup>st</sup> May 20	DashBoard Development	Mr. Vijay & Mr. Dhiren, iCloudEMS
2 <sup>nd</sup> May 20	AI, Robotics & Simulation for Aerospace & Defense Applications	Ajith Balakumar, Forthcode Technologies
4 <sup>th</sup> May 20	Workshop on Library Resources	Sunil Biswal & Ashutosh Padhi
4 <sup>th</sup> May 20	Robotics	Sakhyasingh Mahapatra, MD, Sakrobotix Lab
5 <sup>th</sup> May 20	Dymola and Apriso	Dr. Arun Manohar, Prof. Rakesh Ray, Prof. Sudhanshu Samal
6 <sup>th</sup> May 20	Material Studio_Biovia	Dr. Dipankar Bhattacharyay & Mrs. Siplalin Nayak
7 <sup>th</sup> May 20	Simulia	Dassault
8 <sup>th</sup> May 20	Block-Chain	Validlog
9 <sup>th</sup> May 20	Infographics & Hyperspectral Analysis	Dr. Anita Patra & Dr. Amiya Singh
11 <sup>th</sup> May 20	Multipsectral /Hyperspectral Analysis	Dr. R.N.Sahu, IARI, New Delhi
12 <sup>th</sup> May 20	IPR_NRDC	Dr. B K Sahu, NRDC
13 <sup>th</sup> May 20	Nutraceuticals	Dr. Amit Sreevastav, Nutrify India
14 <sup>th</sup> May 20	Simulia, Smart Bim	Mr. Anand, Mr. Dinesh, Mr. Nitish
15 <sup>th</sup> May 20	Generative Apps	Raj Kumar
18 <sup>th</sup> May 20	BIO MATERIALS	Dr Kingshuk Poddar
19 <sup>th</sup> May 20	FDP on 3D Additive Manufacturing	Dr. U. Chandrashekhar of WIPRO
20 <sup>th</sup> May 20	Geovia and Presentations use AWS	Mr. Dinesh, GTM Team
21 <sup>st</sup> May 20	Workshop for Verifying Indexed Journals	Dr. R. C. Mohanty
22 <sup>nd</sup> May 20	Laser Additive Manufacturing	Prof. C.P.Paul, RRCAT, Indore
25 <sup>th</sup> May 20	Course outlines	Prof. D.N.Rao
26 <sup>th</sup> May 20	Creating Web based course outlines	Dr. P.K.Mohanty & Codetantra
27 <sup>th</sup> May 20	World Skills	Dr. Amiya Singh & Team
28 <sup>th</sup> May 20	Course Outlines	Prof. D.N.Rao
29 <sup>th</sup> May 20	FDP with Phil Burgess	Dr. Phil Burgess, CEO, Giant Corporations
30 <sup>th</sup> May 20	NLP(Natural Language Processing)	Prof. S.B.Maharana, Prof. K.Santosh

		Rao, Prof. A.Avinash
1 <sup>st</sup> June 20	ARVR & NPL	Mr. Goutam Maity
3 <sup>rd</sup> June 20	Nano Materials And Others	Dr Rukmini Mishra
4 <sup>th</sup> June 20	John Toohey	Dr John Toohey
5 <sup>th</sup> June 20	Plant based drug discovery & Converting a course into source of publication	Dr. Amiya Singh
6 <sup>th</sup> June 20	Unity - Enforcing Real time	Mr. Aritran Mukharjee
10 <sup>th</sup> June 20	Development of Matching Implements to Mini Tractor (15hp) for the benefit of Small and Marginal Farmers in India	Dr. Joseph Reddy, Principal Scientist (Agril Engg. in Farm Machinery), RARS, ANGRAU (AP)
10 <sup>th</sup> June 20	Exploring Strategy for doubling farmers' income	Dr. Kausik Pradhan
11 <sup>th</sup> June 20	FDP on JAVA	Mr. Debendra Moharana
8 <sup>th</sup> to 11 <sup>th</sup> June 2020	ROS Training	Prof. Gautam Modak
12 <sup>th</sup> June 20	Introduction to Digital Painting	Ms. Bhavya Kirti
13 <sup>th</sup> June 20	Metabolic engineering of high value nutraceuticals and bioactive compounds	Dr. Sangram Lenka, TERI-Deakin Nanobiotechnology Centre, The Energy and Resources Institute, Haryana
14 <sup>th</sup> June 20	FDP on JAVA	Mr. Debendra Moharana
16 <sup>th</sup> June 20	Vanilla Cultivation	Mr. David Soo
17 <sup>th</sup> June 20	Coursera	Mr. Shaurya Pratap Singh
19 <sup>th</sup> June 20	Protected cultivation	Dr. K V Raman Rao, SERB
20 <sup>th</sup> June 20	Bio process techniques & down stream of targeted metabolites	Dr. Subaj Sahoo, Prof. Utkal University
22 <sup>nd</sup> June 20	Faculty Presentations	
23 <sup>rd</sup> June 20	Social Network Analysis	Dr. Atanu Deb and Prof. D N Rao
24 <sup>th</sup> June 20	Presentation on the plans made for next academic session	
25 <sup>th</sup> June 20	Presentation on the plans made for next academic session	
26 <sup>th</sup> June 20	Presentation on the plans made for next academic session	
27 <sup>th</sup> June 20	Presentation on the plans made for next academic session	
29 <sup>th</sup> June 20	Development of Transgenic in Rice Nano materials	Dr. Ranjan Sahoo, Dr. Deepak Sahu and Dr. Shrabhan Sahu
30 <sup>th</sup> June 20	Material Testing & Characterization LAB_ Amendments of FPOs	Dr. A M Mohanty, Mr. Pratap, Dr. Durga Padhi, Dr. Girija Nandini & Mr. Ramakrishna Raju

## Values and Best Practices

### Strategic Plan:

- To increase the number of research publications within these six months so as to have a good score in NIRF.
- Planning to finalize the postponed National Conference on Advanced Materials and Technology 2020 (AMT-2020) after COVID-19.
- Planning to develop new LASER and their corresponding labs in collaboration with industry.
- 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 Python, Biovia and other software tools for meeting industrial competency and high quality research publications.
- It has been planned to do research in the field of tissue culture, molecular biology (gene editing).
- More emphasis will be given for research and publication and patent.
- Planning to organize an international webinar.

- Faculties were asked to take advantage of Covid-19 Lockdown situation and publish 5 papers by staying at home to meet Research targets set by the University to comply with NAAC Requirements.
- Domain courses have been introduced that shall be given across all Departments like Digital Technologies basket etc and due to Covid-19 pandemic this upcoming semester we are going to take classes online mode.
- To Publish a Research Paper having a good Impact Factor.
- To apply for Project Proposal.
- To encourage students to produce more Live projects.
- To apply for Patents.

**Consultancy:**

- There was a meeting at the departmental level to apply for more projects to different funding agencies.
- Planned to submit new projects to various funding agencies.
- A webinar shall be conducted in the next quarter and for which Dr. Madhumita Das and Dr. Susanta Kumar Mishra were asked to coordinate it.