

# ACTION TAKEN REPORT

## ***CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT ODISHA***

*2020-2021*

### **Based on feedback received on Syllabus (2019-2020) from Stakeholders**

The University appreciate the suggestions provided by the various stakeholders covering faculty members, students and employers to improve the curriculum and make it more need-based research and job oriented. All the suggestions that were raised have been addressed, and the actions taken in this regard during the Board of Studies held in July 2020, are mentioned below.

#### **SCHOOL OF ENGINEERING AND TECHNOLOGY**

##### **Mechanical Engineering**

**Recommendations:** Industry aligned courses should be included in the syllabus

**Action Taken:** Smart Stack introduced in the syllabus, which is delivered by industry people and internal faculty members based on industry aligned courses. Head of the Department is preparing schedules and is in contact with specific industry people.

##### **Electrical and Electronics Engineering**

**Recommendations:** 132 KV Substation Design should be included in the Syllabus.

**Action Taken:** 132 KV Substation Design added in along with 220 KV in Module -1. Course content preparation is in progress.

*Anita Palta*

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### **Electronics and Communication Engineering**

**Recommendations:** Include GMSK, 16 QAM, 64 QAM in Digital Communication System

**Action Taken:** GMSK, 16 QAM, 64 QAM included in Module-III , Digital Communication System. Concerned teachers are preparing course contents, which would be uploaded in CUTM courseware.

**Recommendations:** Isotropic Antenna should be there in syllabus.

**Action Taken:** Isotropic Antenna included in module-1, Antennas Analysis & Design. Course would be updated in CUTM, Courseware.

### **Civil Engineering**

**Recommendations:** Rock mechanics and Field Laboratory should be included in the syllabus.

**Action Taken:** Rock mechanics and Field Laboratory included in Geotechnical Engineering. Course content preparation is in progress.

**Recommendations:** Ground Penetrating Radar should not be there in the Geospatial Survey, as it is not Geospatial survey technique.

**Action Taken:** Ground Penetrating Radar contents removed from Geospatial Survey course.



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## School of Agricultural and Bioengineering

### Agricultural Engineering

**Recommendations:** Post-harvest engineering of cereal, pulses and oil seeds which should be a compulsory course for students doing graduation in agricultural Engineering.

**Action Taken:** Post-harvest engineering of cereal, pulses and oil seeds is included in the domain course

### Phytopharmacy

**Recommendations:** NMR should be added in the syllabus

**Action Taken:** NMR included in the syllabus, Course content preparation is in progress

### Dairy Technology

**Recommendations:** Should add some chapter regarding Dairy economics, Product Balancing and preparation of Daily Balance Sheet.

**Action Taken:** Dairy economics, product balancing and preparation of Daily Balance Sheet are included in Dairy Plant Management. It would be uploaded in Courseware after the content is ready.

**Recommendations:** Field visit of the students should be included to observe the cattle feeding and management practices

**Action Taken:** We have cattle yard facilities inside campus and students have the opportunities to conduct practices related to cattle feeding and management. In the practice session all the farm practices are already included.

*Gitanjali*



*Anita Patra*

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## School of Management

### Bachelor of Business Administration

**Recommendations:** Statistics for Business is very vast.

**Action Taken:** BBA syllabus reduced by removing obsolete concepts' from syllabus. Need to reflect in Courseware.



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### B.A,Media

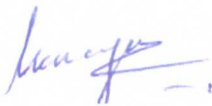
**Recommendations:** Emphasis should be given on Business Communication

**Action Taken:** As we have already a 6 credit compulsory (AECC) subject Job readiness, the school focuses basically on business communication under the same subject.

### M.A,Media

**Recommendations:** Include Media and Governance in the syllabus

**Action Taken:** Media and Governance included in the syllabus for M.A , Media. Teachers are preparing course contents.



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### M.S. Swaminathan School of Agriculture

**Recommendations:** Introduce Artificial intelligence in curriculum which has a great importance in Agriculture.

**Action Taken:** Artificial Intelligence included in the syllabus, Teachers are preparing contents.

**Recommendations:** Introduce Data Analytics, IOT & Sensors in Agriculture and allied courses.

**Action Taken:** Data Analytics, IOT & Sensors included in the syllabus. Teachers discussing and finalizing contents to upload in the CUTM, Courseware.

  
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M.S. Swaminathan School of Agriculture  
CUTM, Paralakhemundi

### School of Fisheries

**Recommendations:** Field Trips to be done to various Feed industries, Ornamental fish farms, institutes, Pond etc.

**Action Taken:** Field trips planned. Department is in contact with various farms and institutes and visits will commence once the pandemic is over.

**Recommendations:** Department of Fish pathology may have a separate laboratory so that the students can focus on diagnostic and treatment of fish and shell fish diseases.

**Action Taken:** Department of Fish pathology started procuring instrument for separate laboratory. The laboratory will focus on exclusively for diagnostic and treatment of fish and shell fish diseases.



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## School of Applied Science

### Mathematics

**Recommendations:** Reduce the content of Heat and Mass Transfer (CUTM1525) paper as it was little heavy.

**Action Taken:** The content of Heat and Mass Transfer (CUTM1525) reduced and renamed as Differential Geometry and Tensor Calculus (CUTM1537). Department is working on preparations of course contents

### Botany

**Recommendations:** Students should go for industrial visit for technical knowhow and practical experience.

**Action Taken:** Planned for plant visits. Department is in contact with specific industry. Trips will commence once Pandemic is over.

### ZOOLOGY

**Recommendations:** Taxonomical aspects, Fresh water Aquaculture and Fish processing units should be included in the syllabus of MSc Program.

**Action Taken:** Taxonomical aspects, Fresh water Aquaculture and Fish processing units included in the syllabus of M.Sc. Program. Department is working on preparation of contents which would be uploaded in Courseware.

### Physics

**Recommendations:** Graphene Composites and Sandwich Constructions were suggested to be included in M.Sc Core courses.

**Action Taken:** Graphene Composites and Sandwich Constructions included in MSc Core courses. Department is keenly working on preparation of course contents.

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## **Conclusion**

Thus the feedback given by the stakeholders were analysed and suitable action was taken, so as to satisfy the expectations of students, alumni, academicians and Employers & Industry. This further helped us to improve our curriculum as per the expectations of the stakeholders.

Board of Studies Conducted on : 11<sup>th</sup> July 2020.

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