

ACTION TAKEN REPORT

CENTURION UNIVERSITY OF TECHNOLOGY AND

MANAGEMENT ODISHA

2021-2022

Based on feedback received on Syllabus (2020-2021) from Stakeholders

The University appreciates 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 2021, are mentioned below.

SCHOOL OF ENGINEERING AND TECHNOLOGY

MECHANICAL ENGINEERING

Comments

Manufacturing Process-process planning and Heat Treatment (2-1-0) (CUTM1079) is very heavy and easily split into courses of 3 credit each

Action Taken

Course was revised with little modification in content

COMPUTER SCIENCE AND ENGINEERING

Comments

MATLAB and MS-Excel should be part of syllabus

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Action Taken

Included **value added** courses (zero credit) like MATLAB and MS-Excel to the curriculum

ELECTRONICS AND COMMUNICATION ENGINEERING

Comments

Add Optics and Sensors Networks Course

Action Taken

Optics and Sensors Networks has been added in the existing syllabus in Communication Systems Domain



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SCHOOL OF APPLIED SCIENCE (SoAS)

BOTANY

Comments

Practical(s) can be improved with more fun and impactful learning relevant examples of changing times by using IoT tools.

Action Taken

The suggestion was discussed in BoS and necessary change has been done.

MATHEMATICS

Comments

It was suggested that questions in the examinations should focus on creative and analytical thinking rather than asking for repetitive answers which encourage rote-learning



Action Taken

It was felt that the new Internal Evaluation system which includes projects and seminar presentations will go a long way to serve the purpose of creative and analytical application of concepts taught in classes

ZOOLOGY

Comments

Taxonomical Aspect, Environment, Life Cycle Analysis, Disaster Management, Hill Area Ecology should be included in the syllabus.

Action Taken

The suggestions were discussed in the pre Board of Studies and in Board of Studies. It was decided to include.

Taxonomical aspects, some topics on ecology, environment, life cycle analysis, disaster management, and biodiversity and nature conservation. Hill area ecology and ecology for Chilika Lake and biosphere reserve in Odisha in existing syllabus of Zoology.(BoS-2021)



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SCHOOL OF AGRICULTURAL AND BIOENGINEERING

PHYTOPHARMACY

Comments

One additional module should be included in “Regulations & Certifications of Herbal Drugs” course.

Action Taken

The course Regulations & Certifications of Herbal Drugs was reviewed in Board of Studies and decided to include one module in the course.(BoS-2021)



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DAIRY TECHNOLOGY

Comments

Dairy Business Management courses should be part of the syllabus.

Action Taken

It was decided in the Board of Studies to include

Dairy Business Management courses 1. Entrepreneurship Development and Industrial

Consultancy 2 Financial Management and Cost Accounting as **value added** courses(non-credit)

AGRICULTURAL ENGINEERING

Comments

Introduce “Post-Harvest Engineering of Cereals, Pulses and Oil Seeds” of 3 credit in the present syllabus.

Action Taken

In the board of Studies it was discussed and decided to introduce a core course on a title “Post-Harvest Engineering of Cereals, Pulses and Oil Seeds”

Gitanyan



Anita Patra

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M. S. SWAMINATHAN SCHOOL OF AGRICULTURE

Comments

Some Domain course should be part of the syllabus to help students gain practical knowledge

Action Taken

It was decided to introduce some new domain courses for B.Sc Agriculture students , they are Organic Farming, Dairy processing and development, Intensive aquaculture, Seed production using manual and molecular method, Genetic engineering genomics, Smart Agriculture, Protected agriculture, Food processing, Commodity and food storage, Fish processing, Fish processing technology and several Skill courses.



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CUTM, Paralakhemundi


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 9th July 2021

Date of compilation 20th July 2021


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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.

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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 : 11th July 2020.

Date of Compilation: 3rd Aug 2020

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ACTION TAKEN REPORT

CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT ODISHA

2019-2020

Based on feedback received on Syllabus (2018-2019) from Stakeholders

The University appreciates 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 June 2019, are mentioned below.

SCHOOL OF ENGINEERING AND TECHNOLOGY

Electronics and Communication Engineering

Recommendations: Electromagnetic Theory course should have some practice components.

Action Taken: Electromagnetic Theory course converted into Theory plus Practice mode.

Electrical and Electronics Engineering

Recommendations: Soft Computing II should be added in the syllabus.

Action Taken: Soft Computing II introduced in the open basket. Soft Computing renamed as Soft Computing-I . The pre-requisite to opt for Soft Computing II is Soft Computing I.

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Mechanical Engineering

Recommendations: Industry specific subjects should be there in syllabus

Action Taken: SAP, AI (Artificial Intelligence), 3D printing introduced in the Basket V

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School of Management

MBA

Recommendations: IPR(Intellectual Property Rights)should be included in the course.

Action Taken: IPR introduced in MBA programme.

MBA (Data Analytics)

Recommendations: Financial Management and Analysis course should be there in syllabus.

Action Taken: Financial Management and Analysis introduced in the syllabus.

Recommendations: Artificial Intelligence and Unstructured Data Analytics course should be there in syllabus.

Action Taken: Artificial Intelligence, Machine Learning and Unstructured Data Analytics introduced in syllabus.

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SCHOOL OF AGRICULTURAL AND BIOENGINEERING

Phytopharmacy

Recommendations: Emphasis should be given on practical exposure in syllabus.

Action Taken: To enhance practical exposure a new subject “Basic Concept on Ayurveda , Human Anatomy & Physiology” introduced in the syllabus. However the course comprises of both Theory plus Practice.



SCHOOL OF PARAMEDICS AND HEALTH SCIENCE

M.Sc. Clinical Microbiology

Recommendations: The syllabus is too heavy to cover

Action Taken: Bio molecules, Histopathology, Hematology lab, and Clinical Biochemistry removed from the syllabus and Virology added in the syllabus.

B.Sc. Medical Laboratory Technician

Recommendations: Syllabus should focus on industry need

Action Taken: Higher weightage is given to practical hours and the credits for theory reduced based on the needs of industry.



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DEAN
SoPAHS
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A handwritten signature in blue ink that reads 'Anita Patra'.

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SCHOOL OF FORENSIC SCIENCE

M.Sc. Cyber Security and Digital Forensic

Recommendations: A module of OWASP should be there in “Penetration Testing & Vulnerability Assessment”

Action Taken: A module of OWASP included in “Penetration Testing & Vulnerability Assessment”

Recommendations: Call Detection Reporting Analysis, Imagery and Risk Recovery experiment should be included in the syllabus.

Action Taken: An experiment on “Call Detection Reporting Analysis, Imagery and Risk Recovery” included in the syllabus.



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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 : 22nd June 2019

Date of Compilation: 12th July 2019



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ACTION TAKEN REPORT

***CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT
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2018-2019

Based on feedback received on Syllabus (2017-2018) from Stakeholders

The University appreciates 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 June 2018, are mentioned below.

SCHOOL OF ENGINEERING AND TECHNOLOGY

Mechanical Engineering

Recommendations: Longitudinal and Hoop stress seems to be heavy and difficult .

Action Taken: In subject Mechanics, only basics of Longitudinal and Hoop stress would be there in syllabus.

Recommendations: Wish to know about power tools in W/S technology

Action Taken: Power Tools added in W/S technology.

Recommendations: Content is heavy in Fluid Mechanics and Heat Transfer.

Action Taken: Compressible Flow removed from Fluid Mechanics and Heat Transfer.

Recommendations: Hyperworks should be used to analyze in Mechanics of Machines.

Action Taken: Hyperworks would be used for analysis instead of Simulia and Ansys in Mechanics of Machines.

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Civil Engineering

Recommendations: Soil Mechanics should be in syllabus.

Action Taken: Soil Mechanics included in Basket-iv

Recommendations: Sallow Foundation, Deep Foundation, Earth Pressure and Stability Slope should be added in the syllabus.

Action Taken: Sallow Foundation, Deep Foundation ,Earth Pressure and Stability Slope included in Foundation Engineering.

Electrical And Electronics Engineering

Recommendations: Advanced Architecture should be included in syllabus.

Action Taken: Advanced Architecture included in Microprocessor Course.

Electronics and Communication Engineering

Recommendations: Electronics Today should be included in syllabus

Action Taken: Electronics Today has been included as basic course to get exposed to all types of electronics appliances.

Recommendations: Embedded software and Development, and Microwave and Radar Communication should be included

Action Taken: Embedded software & Development, and Microwave & Radar Communication included in the syllabus.

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School of Applied Science

Mathematics

Recommendations: Calculus and Probability & Statistics should be there in syllabus for B.Tech

Action Taken: Three papers introduced in syllabus of B.Tech (CBCS)

- a) Calculus (3 credits)
- b) Probability & Statistics (3 credits)
- c) Integral Transfer (3credits)



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School of Forensic Science

M.Sc Forensic and Cyber Security

Recommendations: Digital Forensic & Cyber Crime Investigation and Operating System Administration & Data Base Security should focus on theoretical aspect.

Action Taken: Digital Forensic & Cyber Crime Investigation and Operating System Administration & Data Base Security each carrying 5 credits merged with theory but considered as practical mode.



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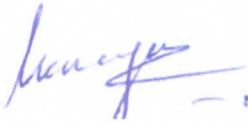
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ODISHA 3

School of Media and Communication

Recommendations: Gaming, Motion capture and VFX should be included in the syllabus.

Action Taken: Gaming, Motion capture and VFX topics included in core paper “Digital Media”



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Conclusion

Thus the feedback given by the stakeholders were analyzed and suitable action was taken, so as to satisfy the expectations of students, alumni, academicians and employers & industry. This further helped us to improvise our curriculum as per the expectations of the stakeholders.

Board of Studies Conducted on : 30th June 2018

Date of Compilation: 18th July 2018



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ACTION TAKEN REPORT

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

2017-2018

Based on feedback received on Syllabus (2016-2017) from Stakeholders

The University appreciates 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 June 2017, are mentioned below.

SCHOOL OF ENGINEERING AND TECHNOLOGY

Civil Engineering

Recommendations:

The course on Geotech and G.I.T to be recommended as Geotech Investigation and the topics related to Ground Improvement to be covered in a new subject” Geo Synthetics and Ground Improvements Techniques under a separate Domain(General Domain) .

Action Taken: The General Domain was framed by the external experts with the following subjects i) Transport Engineering, ii) Green Buildings, iii) 3d Building Technology, iv) Geo Synthetics and Ground Improvements Techniques, v) Concrete Technology, and students can opt for this course from next sessions.

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Electrical and Electronics Engineering

Recommendations: Fiber Optics should be included in Domain 3

Action Taken: In the course of Fundamentals and Overview of Transmission System, Fibre Optics included in place of PLCC.

Recommendations: Some chapters should be replaced with recent industry need topics.

Action Taken: Syllabus of two courses a) Design, Fabrication and Repair of Transformer Domain b) Operation & Maintenance of Transmission & Distribution System, were modified .

Mechanical Engineering

Recommendations: i) RAC should be a separate subject

ii) Design Software and simulation should be included in the syllabus

iii) Syllabus should meet Industrial requirement

iv) CAD/CAM subjects should have more practice

Action Taken: Five new domain courses such as a) Automobile domain b) Welding domain c) Conventional & CNC d) R& AC e) Automotive Product Design included in the Basket -5.

Recommendations: Subjects should be taught keeping GATE point of view.

Action Taken: GATE domain changed to Pool General Courses, consists of 12 general Courses.

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Agricultural Engineering

Recommendations: Classification of Soil, physical properties of soil should be deleted from the course as it is repetition.

Action Taken: Classification of Soil, physical properties of soil deleted from Soil Mechanics.

Recommendations: Irrigation Engineering course should be shifted from Sem-III to Sem-IV

Action Taken: Irrigation Engineering course shifted from Sem III to Sem-IV

Recommendations: Geometric Modeling Lab should be deleted from sem-V and merged with AutoCAD application.

Action Taken: Geometric Modeling Lab deleted from Sem-V and merged with AutoCAD application.

Recommendations: In Tractor system and controls the following topics should be added i) Classification of tractor and their values ii) Transmission system of power tiller ii) Steering system in track-type and walking type tractors.

Action Taken: The following topic added in Tractor System and Control.
i) Classification of tractor and their values ii) Transmission system of power tiller ii) Steering system in track-type and walking type tractors.

Recommendations: Introduction to decorticators to be added in Farm Machinery & Equipment-ii

Action Taken: Introduction to Decorticator added in Farm Machinery & Equipment-ii

Gitanyar



Anita Patra

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School of Applied Science

Physics

Recommendations :M.Sc Physics syllabus should be modified

Action Taken:M.Sc Physics syllabus modified as per the suggestion.

Chemistry

Recommendations :Green Chemistry Lab and Instrumentation Methods of Analysis Lab. Should be there in syllabus for M.Sc.

Action Taken:InM.Sc syllabus Green Chemistry Lab and Instrumentation Methods of Analysis Lab introduced.



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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 improvise our curriculum as per the expectations of the stakeholders.

Board of Studies conducted on: 12th June'2017

Date of Compilation: 4th July 2017



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