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Sant Dnyaneshwar Shikshan Sanstha's
**ANNASHEB DANGE COLLEGE OF
ENGINEERING & TECHNOLOGY**

(Approved by AICTE, New Delhi, Govt. of Maharashtra.
Affiliated to Shivaji University, Kolhapur)

Ref. ADCET/CIVIL/129

Date: 11/10/2021

Department of Civil Engineering

All the members of “**Board of Studies**” are invited for an online meeting which is scheduled on **Saturday 16-10-2021** at 10.30 am. The agenda of meeting is as below.

Agenda of Meeting

1. Review of 5th BoS meeting held on 11th February 2021
2. Discussion on B. Tech course curriculum.
3. Discussion on Honor Degree and Minor Degree courses.
4. Discussion on add-on courses for skill development.
5. Discussion on Question paper pattern.
6. Discussion on mode of conduct of In semester evaluation.
7. Any other points for discussion with permission of chair person.

Mr. S. S. Mohite

(HOD-Civil Engineering)





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Board of Studies: Minutes of meeting

- The meeting on online platform for “**Board of Studies**” was held on **Saturday 16-10-2021** at 10.30 am under chairmanship of Head of Civil Engineering Department.
- Following members were participated in online meeting
Dr. M. B. Kumthekar
Dr. Y. M. Ghugal
Dr. Pradeep BabanraoKodag
Er. Aman Arawal
Head of department
All faculty members of Civil Engineering Department.
- One by one agenda points were discussed and very accountable inputs were received from BOS members.

1: Review of 5th BoS meeting held on 11th February 2021.

- The 5th BoS meeting was held on 11th February 2021. The points discussed in the meeting were read by chairman. It was brought to the notice of the BOS members that all suggestions were implemented during framing of 168 credited curriculums.

2: Discussion on B. Tech course curriculum.

- Head of Department presented the curriculum for Final year B.Tech (168 credits) which is prepared by concern course teachers with reference to curriculum of AICTE, IIT's, NIT's, SUK, Autonomous institute's and as per the industry requirements.
- Suggestions given by the experts are mentioned in the **Annexure I**
- Action taken on suggestions are mentioned in the **Annexure II**

3: Discussion on Honor Degree and Minor Degree courses.

- Department of Civil Engineering ADCET Ashta is planning to offer Honor and Minor programs in GIS, GPS and Remote Sensing area. The courses offering agencies are IIRS, SWAYAM NPTEL, edX, ESRI.
- The above program is designed considering the guidelines given in AICTE Approval Process Handbook 2018 and 2020-21 for T.Y.B.Tech students.

4: Discussion on add-on courses for skill development

- Department of civil engineering ADCET Ashta is planning to offer add-on courses for student's skill development. The planned activities are as below.

Name of Activity	Skill Development
Tekla software training	<ul style="list-style-type: none"> • BIM for structures • Analysis and design of structure
STAAD-Pro software training	<ul style="list-style-type: none"> • Analysis and design of structure
ABAQUS software training	<ul style="list-style-type: none"> • Analysis and design of structure
Workshop on Total Station	<ul style="list-style-type: none"> • Advanced surveying skills
Field training on Line out	<ul style="list-style-type: none"> • On field execution

5: Discussion on Question paper pattern.

- The pattern of question of each course is discussed in depth. The suggestions given by BOS members will be implemented while setting the question papers in future.

6: Discussion on mode of conduct of In semester evaluation.

- It was decided to conduct Activity based In-Semester Assessment. The list of assessment methods and courses mentioned in the table below. BOS members have suggested to prepare the rubrics for the assessment.

Sr. No.	Assessment Method	Course Name
1.	Jigsaw puzzle	Quantity Surveying & Valuation.
2.	Model making	Hydraulic Structures, Industrial Waste Water Treatment, Earthquake Resistant Structures, Pavement Design & Analysis
3.	Poster presentation	Advanced Engineering Geology & Rock Mechanics
4.	Presentations and seminar	Pavement Design & Analysis
5.	Video preparation/presentation	Project Management, Project Management
6.	Snake and ladder	Advanced Design of Concrete Structures
7.	Brain storming	Earthquake Resistant Structures, Design of Concrete Structures
8.	Case study	Structural Auditing
9.	Group discussion	Human Resources Development
10.	Debate	Industrial Waste Water Treatment
11.	Pictionary	Disaster Management
12.	Role play	Management Information System

- The efforts taken by the faculty members for framing the curriculum is appreciated by the BOS members.
- Dr. M. B. Kumthekar (BOS Member) congratulated Dr. P. G. Chandak for completing his PhD from VTU Belgaum.
- At the end Mr. SS. Mohite (HOD) presented the Vote of Thanks.

Prof. S. S. Mohite
HOD-Civil Department



Photograph of Meeting of Board of Studies



Meeting venue: Seminar Hall of Civil Engineering Department



Annexure I: Suggestions from members of Board of Studies

Final Year B. Tech (168 Credits)			
Sr. No.	Course Name	Corse Code	Suggestions given by BoS members
1	Structure Auditing	1CVOE401	<ul style="list-style-type: none"> • Add machine foundation, Power stations, Bridge, offshore structures, Runways, Highway & Railway metal structures, • Infrared techniques, sensors-equipments, crack pattern detection
2	Disaster Management	1CVOE402	<ul style="list-style-type: none"> • Merge chapters 1, 2 & 3. • Add application part in depth required for other departments : Chemical disasters, Flood, Earthquake, Manmade disasters, Blast resisting structures, cyber attacks, biological attacks, weapons, problems related to local industry
3	Design Concrete Structure	1CVPC403	<ul style="list-style-type: none"> • Change title as Design of Reinforced concrete structures. • Add biaxial loading of column, Design of sunk slab • Add latest books and codes.
4	Earthquake Resistant Structure	1CVPC409	<ul style="list-style-type: none"> • Change sequence of units
5	Entrepreneurship	1CVPE404	<ul style="list-style-type: none"> • Add topics like GST, Tally, Marketing system, • Government schemes, Soft funding AICTE Proposal
6	Hydraulic structures	1CVPE405	<ul style="list-style-type: none"> • Add contents regarding Dam, Spillways • Add design concepts.
7	Pavement design & analysis	1CVPE406	<ul style="list-style-type: none"> • Add advanced materials of road pavements, polymer concrete • Testing of materials used for flexible and rigid pavement, Crack pattern analysis, joint failures, Dowel bars design • Add latest IRC codes
8	Advance design to cone Structure	1CVPE407	<ul style="list-style-type: none"> • Combine unit 1 and 2 • Unit 2 will be Design of elevated water tank • Add Counter port, buttress, inclined surcharge
9	Design of foundation	1CVPE408	<ul style="list-style-type: none"> • Add design of combined and raft footing
10	Quantity surveying & Valuation	1CVPC410	<ul style="list-style-type: none"> • Unit 1 will be fundamental of Specifications, • Add to find quantities, estimate of road structure. • Add practical approach to calculate Valuation, rent of property • Add to find quantity of door, window frame, waist slab, beam, Rate analysis of various items • Add how to write tender notice • Add use of Software for finding quantities, Estimation & costing, E-Tendering

11	Structural Design and Drawing- II	1CVPR452	<ul style="list-style-type: none"> • Add use of software like ETAB, Stadd, AutoCAD, and Rivet to design structures.
12	Design of Bridges	1CVPE411	<ul style="list-style-type: none"> • Add design of Post Tensioned bridges, Girder bridges.
13	Management Information System	1CVPE412	<ul style="list-style-type: none"> • Add application part for Civil Engineering
14	Advanced Engineering Geology & Rock Mechanics	1CVPE413	<ul style="list-style-type: none"> • Focus should be on Applications in Civil Engineer • Add importance of geology for Construction of Tunnel, bridge, dam, Flood, Earthquake design structure, how rocks will be protected?
15	Industrial waste water treatment	1CVPE414	<ul style="list-style-type: none"> • Add how Industrial waste is different from domestic waste • Add latest Technology used for Heavy metal, Paint Industry • Add different Environmental protection government schemes/policy
16	Human Resource development	1CVPE415	<ul style="list-style-type: none"> • Add content regarding applications in Civil Engineering
17	Project Management	1CVPC416	<ul style="list-style-type: none"> • Cancel content of CPM, PERT • Add the concept of BIM • Add Modern techniques like Nevil Soft • Add Drilling Equipments, Crushing Equipments • Blasting, Scrapper, Hoes, Compactor, Control Blast and remove use of tractor



Prof. S. S. Mohite
HOD-Civil Department



Annexure II: Action Taken

Sr. No.	Suggestion	Proposed action
1	Decide and implement Honor degree and Minor degree courses	The decided areas of Honor and minor programs were GIS, GPS, remote sensing and the courses offering agencies are IIRS, SWAYAM NPTEL, edX, ESRI
2	Use activity based assessment for In Semester Evaluation	It is decided to conduct various activity based in semester assessment like Jigsaw puzzle, Model making, Poster presentation, Presentations and Seminar, Video preparation / presentation, Snake and Ladder, Brain-storming, Case study, Debate, Pictionary, Group discussion, Problem solving, Role play.
3	Add on course for skill development of the students	Training sessions were planned on Software's like STAAD PRO, ABAQUS, AutoCAD, REVIT ARCHI and Total Station.
4	Add application part, software's in course curriculum	It is decided to revise the course curriculum to add topics of application part as well as software.

Prof. S. S. Mohite
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