

Sant Dnyaneshwar Shikshan Sanstha's
Annasaheb Dange College of Engineering and Technology, Ashta
(An Autonomous Institute affiliated to Shivaji University, Kolhapur)
Department of Civil Engineering

Board of Studies

Date: 11-02-2021

All the members of "**Board of Studies**" are invited for an online meeting which is scheduled on Thursday 11-02-2021 at 10.30 am. The agenda of meeting was as given below.

Agenda of Meeting

- Review of 4th BoS meeting held on 4th January 2020.
- Discussion on T. Y. B. Tech course curriculum.
- Discussion about value added courses, Minor degree courses.
- Discussion Honors Degree courses.
- Discussion on Question paper pattern.
- Any other points for discussion with permission of chair person.



Prof. S. S. Mohite
(HOD-Civil Engineering)

Board of Studies: Minutes of meeting

- The meeting on online platform for “**Board of Studies**” was held on Thursday 11-02-2021 at 11.00 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. H. R. Magar-Patil
Er. Aman Arawal
Head of department
All faculty members of Civil Engineering Department.
One by one agenda points were discussed and very accountable input were received from BOS members.

1: Review of 4th BoS meeting held on 4th January 2020.

- The 4th BoS meeting held on 4th January 2020, all points discussed in the same meeting were read by chairman and suggestion are also discussed. All suggestions are implemented during framing 192 credit curriculum and 168 credited curriculum.

2: Discussion on T. Y. B. Tech course curriculum.

- Head of Department presented the curriculum for T. Y. 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 requirements of industries.
- Suggestions given by the experts are mentioned in the **Annexure 1**

3: Discussion about value added courses, Minor courses and Honor degree courses.

- **Value Added courses.**
BoS Members suggested that give the courses like NPTEL, MOOC which will emphasis on the skill enhancement of students. Conduct more courses of different software and upgrade students.
- **Honor And Minor Degree Courses**
- Department of civil engineering ADCET Ashta is planning to offer Honor and Minor programs in following areas of civil engineering.
 - **Project Management Finance, and marketing.**
 - **GIS, GPS and Remote Sensing**
- The program is designed considering the guidelines given in AICTE Approval Process Handbook 2018 and 2020-21.
- Following points are considered for designing the program:



- The minimum additional Credits for such Program shall be in the range of 18-20 and the same shall be mentioned in the degree, as specialization in that particular area.
- If students from Civil engineering department undertake the program (Project Management Finance and marketing) and complete the said number of additional extra credits (apart from regular) he/she will be entitled for B.Tech (Hons.) Civil Engineering with specialization in Project Management Finance and marketing.
- If students from other department undertake the program and complete the said number of additional extra credits (apart from regular) he/she will be entitled for a degree in the parent department with a MINOR form Civil Department.
- The courses for the program will be provided using Face to face and MOOCs. Plan of floating courses for 18 credits to earn the degree is as follows.

Year	Semester	Course	Credit
Third	I	Face to Face	3
		MOOC	3
	II	Face to Face	3
		MOOC	3
Final Year	I	Face to face/MOOC	2
		Project	4

- **Details of Programs**

Following courses (not limited to the given list) will be offered for a particular program

- **Project Management, Finance and marketing.**
 - Organizational Behavior
 - Business Statistics
 - Introduction to finance and accounting
 - Sustainable Project Management
 - Introduction to Labor management relations



- Principles of Marking
- Online Courses available on various platforms like EDx, SWAYAM, NPTEL, COURSERA (Which fit in the domain area and Academic calendar of the Institute)
- **GIS, GPS and Remote Sensing**
 - Fundamental of Remote Sensing
 - Fundamentals of GIS and GPS
 - Basics of Photogrammetry
 - Digital Image processing
 - Advance Surveying and field work
 - Open Source GIS
 - Online Courses available on various platforms like EDx, SWAYAM, NPTEL, COURSERA (Which fit in the domain area and Academic calendar of the Institute).
 - The effort taken by the faculty members for framing the curriculum is appreciated by the members.
- At the end Mr. S S. Mohite (HOD) presented the Vote of Thanks.

Prof. S. S. Mohite
HOD-Civil Department



Annexure 1

T. Y. B. Tech (168 Credits)			
Sr. No.	Course Name	Course Code	Suggestions given by BoS members
1	Remote Sensing & GIS Applications	1CVOE302	<ul style="list-style-type: none"> • Satellite remote sensing, Drones technology, Radar and Lidar techniques should be added. • Aerial photography should be removed.
2	Geotechnical Engineering I	1CVPC304	<ul style="list-style-type: none"> • For GTE-II course name may Foundation Engineering. • Give exposure regarding Pile (Deep) foundation by site visit.
3	Engineering Geology	1CVPE306	<ul style="list-style-type: none"> • Add application based content.
4	Town Planning & Traffic Engineering	1CVPE309	<ul style="list-style-type: none"> • Add sustainability, smart city content.
5	Safety Aspects in Construction	1CVPE309	<ul style="list-style-type: none"> • Add contents regarding fire audit.
6	Building Planning & Drawing Laboratory	1CVPC352	<ul style="list-style-type: none"> • Public building should be minimum G+1 • Add drawing of foundation plan
7	Open Channel Flow Laboratory	1CVPE355	<ul style="list-style-type: none"> • Views of experts from Hydraulics should be considered.
8	Town Planning & Traffic Engineering Laboratory	1CVPE356	<ul style="list-style-type: none"> • Classification of IRC loading, Design of actual load on road should be added.
9	Professional Skill Practices	1CVES359	<ul style="list-style-type: none"> • Bar bending on site, retaining wall should be added.
10	Economics & Management	1CVOE311	<ul style="list-style-type: none"> • BIM, Kaizen, Waste control should be added.
11	Repair & Rehabilitation of Structures	1CVPE314	<ul style="list-style-type: none"> • New material and their effectiveness, Glass fiber, Carbon fiber should be added.



12	Disaster Management	1CVPE316	<ul style="list-style-type: none"> • Human rights, Use of drone, Manmade disasters, Fire disasters should added.
13	Waste Treatment & Pollution Control	1CVPE321	<ul style="list-style-type: none"> • Novel treatment and Spent wash treatment should be added
14	Advanced Construction Techniques	1CVPE322	<ul style="list-style-type: none"> • Mivan, Rubber, Tunnel formwork • Write specific about High volume fly ash concrete • Value addition topics, reinforcement- FE550, TMT • Add Pre-Engineered buildings • Soil retaining structures • Launching of girders, Tunnel boring machines • No dig technology
15	Site Investigation Methods & Practices Laboratory	1CVPE362	<ul style="list-style-type: none"> • Add site to core logging
16	Structural Masonry Laboratory	1CVPE363	<ul style="list-style-type: none"> • Add visit to old buildings, temples, etc
17	Advanced Construction Techniques Laboratory	1CVPE365	<ul style="list-style-type: none"> • Instead of modern formwork, specify the name formwork • Add dewatering, grouting techniques
18	Structural Auditing Laboratory	1CVPE366	<ul style="list-style-type: none"> • Half potential meter should be added to know corrosion of reinforcement. • How to write Structural Auditing report: Take expert's opinion.




HEAD
Civil Engineering Dept.
 Annasaheb Dange College of
 Engineering & Technology, Ashta. 416 301