

**Tatyasaheb Kore Institute of Engineering and Technology, Warananagar
(An Autonomous Institute, Affiliated to Shivaji University, Kolhapur)**

**Department of Civil Engineering
BOS Meeting -V**

Minutes of Meeting

The meeting was scheduled on, Saturday 20th July 2024 at 9.30 AM.

All faculty members of civil engineering department along with External BoS members (in online mode) were present in for this meeting.

Prof. L.B.Patkure sir welcome all the members present for this meeting. External BoS members present for this meeting are namely,

1. Dr. S.N.Tande, HOD, WCE, Sangli (VC Nominee, Shivaji University, Kolhapur)
2. Dr. M.S.Randive, HOD, COE, Pune (Expert from other University)
3. Dr. S.P.Patil, Associate Professor, School of Civil Engg. WPU, Pune (Subject Expert)
4. Mr. Pradip Kulkarni, Principal Engineer, P.G.Gokhale Structural Consultant, Kolhapur (Expert from Industry)
5. Mr. Abhijeet Magdum, Project Engineer, ICB Technimont, Mumbai (Alumni & Expert from Industry)

Meeting was carried out as per following Agenda:

Agenda No-1) Confirmation of Minutes of meeting of last BoS meeting held on 27th May 2023.

As a chairperson of Board of Studies Civil Engineering, Head of Dept. Dr.D.M.Patil sir gives address in this meeting. He confirmed the minutes of meeting last BoS meeting held on 27th May 2023.

Agenda No-2) Action taken report on the recommendation received in last BoS & Academic Council meeting.

Head of Dept. Dr.D.M.Patil sir confirmed Action taken report (ATR) on the recommendations received in the last BoS meeting and Academic Council meeting.

Agenda No-3) Discussion and Approval of the Second year of B.Tech Structure & Syllabus of all subjects as per NEP 2020.

Prof.A.R.Chougule sir describes the proposed structure for Second year of B.Tech. as per NEP2020 and all subject mentors explain detailed syllabus for Second year of B.Tech. Experts suggest some minor changes in the syllabus, like Change in name of Subject as Building Material to Construction Material, Need of industry requirements, Expert lecture to some subjects etc. The structure & syllabi of all the subjects is approved by all panel members & gives the permission to implement this from the academic year 2024-25.

Subject wise suggestions are as follows:

Sr. No.	Name of Subject	Suggestions from expert
1	Strength of Materials	Change name of Unit-3 as Analysis of Truss to Analysis of Axial forces in Truss.
2	Surveying	-Nil-
3	Fluid Mechanics	-Nil-
4	Engg. Mathematics for Civil Engg.	-Nil-
5	Building Construction and Drawing	Revise name of Unit-3 Building- basic requirement, Masonry Construction to Basic requirement of building & Masonry Construction.
6	Building Materials	Change name of subject as Building Materials to Construction Materials.
7	Professional Leadership & Interpersonal Skills	Invite expert for lectures. No need of web links in syllabus.
8	Personal Values and Ethics	Invite expert for lectures.
9	Audit Course – III (Environmental studies)	Add CO ₂ emission & Carbon footprints, Green building etc.
10	Field Project (Surveying) Practical	-Nil-
11	Strength of Materials	-Nil-

	Practical	
12	Fluid Mechanics Practical	Nil-
13	Building Construction and Drawing Practical	-Nil-
14	Mechanics of Structures	Check time feasibility to complete syllabus.
15	Advanced Surveying	Add Super elevation & Introduction part of Drone & LiDAR
16	Concrete Technology	Add Green concrete & Test on cylinder.
17	Hydraulics	-Nil-
18	Disaster Management	-Nil-
19	Energy & Environment	-Nil-
20	Computer Aided Design and Drawing	-Nil-
21	Human Resource Management	Add Factory & Minimum wages Act
22	Ethics and Moral Philosophy	-Nil-
23	Advanced Surveying Practical	Add Staking In & Staking Out
24	Concrete Technology Practical	Add Split tensile test
25	Hydraulics Practical	-Nil-
26	Audit Course – IV (General Proficiency)	-Nil-

Agenda No-4) Discussion & Approval of the Third year B.Tech. Semester V & VI syllabus structure as per NEP 2020

Prof.A.S.Kharade sir explain proposed Third year B.Tech. syllabus structure as per NEP 2020. Panel member gives permission to implement this structure from the academic year 2025-26.

Agenda No-5) Discussion & Approval of the Final year B.Tech. SemVII & SemVIII syllabus structure as per NEP 2020

Prof.V.J.Yadav sir explain proposed Final year B.Tech. syllabus structure as per NEP 2020 Panel members put some useful suggestions like Syllabus of Dock, Harbour, Airport,

Railway, Bridge, Tunnel engineering etc. of Transportation Engineering is not covered for regular students. So it should be covered in revised syllabus structure.

Agenda No-6) Discussion & Approval of the B.Tech. Honour course for Semester V to VIII structure & syllabus.

Prof.R.R.Chandanshive sir explain Honours course offered for Third & Final year B.Tech. programme. Panel member gives permission to implement this structure from the academic year 2025-26.

Agenda No-7) Modification & changes in T.Y.B.Tech, Final year B. Tech. V to VIII & M.Tech. I & II year syllabus if any.

There is no change in ongoing T.Y.B.Tech. & Final Year B.Tech. syllabus. Also M.Tech. I & II year draft syllabus & structure as per NEP 2020 was shown in this meeting.

Agenda No- 8) Any other points with the permission of chair & Vote of thanks.

Dr.R.V.Kajave sir ask for any other points with the permission of chair but there is no any other extra point for discussion.

Finally, Dr.R.V.Kajave sir gives vote of thanks to all members.

Prepared and signed by



Member Secretary,
BoS



Chairman,
BoS

Head of Civil Engg. Dept.
Tatyasaheb Kore Institute of
Engineering & Technology,
Warananagar, Dist. Kolhapur.



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Action Taken Report (ATR)

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Prof. L.B.Patkure sir welcome all the members present for this meeting. External BoS members present for this meeting are namely,

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2. Dr. M.S.Randive, HOD, COE, Pune (Expert from other University)
3. Dr. S.P.Patil, Associate Professor, School of Civil Engg. WPU, Pune (Subject Expert)
4. Er. Pradip Kulkarni, Principal Engineer, P.G.Gokhale Structural Consultant, Kolhapur (Expert from Industry)
5. Er. Abhijeet Magdum, Project Engineer, ICB Technimont, Mumbai (Alumni & Expert from Industry)

The following points were in discussion in this meet on which Action Taken Report (ATR) is prepared.

Suggestion 1) All present BoS members have participated into the discussion of syllabi structure of S.Y.B.Tech Civil programme and suggested to check the credits distributed with the NEP 2020.

Action taken: The credits distributed have been checked with NEP 2020 & are found to be in accordance with it.

Suggestion 2) Dr.M.S.Randive sir gives his different suggestions in setting of the syllabus. He suggest that, some civil engineering subjects require expert lectures for more clearance of the course.

Action taken: As per experts suggestion the expert lectures will be introduced as per subject requirement.

Suggestion 3) Dr.S.P.Patil sir suggested that, structural engineering subjects like Mechanics of Structures requires extra time for teaching purpose.

Action taken: As per expert's suggestion extra lecture will be given in timetable as per subject requirements.

Suggestion 4) Er. Pradip Kulkarni suggests making syllabus as per construction industry requirements.

Action taken: This suggestion is considered at each and every step of syllabus design.

Subject wise suggestions & action taken as per expert's suggestion:


Sr. No.	Name of Subject	Action taken as per expert's suggestion.
1	Strength of Materials	Changed the name of Unit-3 as Analysis of Truss to Analysis of Axial forces in Truss.
2	Surveying	-Nil-
3	Fluid Mechanics	-Nil-
4	Engg. Mathematics for Civil Engg.	-Nil-
5	Building Construction and Drawing	Revised name of Unit-3 Building- basic requirement, Masonry Construction to Basic requirement of Building & Masonry Construction.
6	Building Materials	Changed name of subject as Building Materials to Construction Materials.
7	Professional Leadership & Interpersonal Skills	Expert will be invited for lectures. Web links are deleted from syllabus.
8	Personal Values and Ethics	Expert will be invited for lectures.
9	Audit Course – III (Environmental studies)	Added CO ₂ emission & Carbon footprints, Green building etc.
10	Field Project (Surveying)	-Nil-

11	Strength of Materials Practical	-Nil-
12	Fluid Mechanics Practical	Nil-
13	Building Construction and Drawing Practical	-Nil-
14	Mechanics of Structures	Checked time feasibility to complete syllabus & find ok.
15	Advanced Surveying	Added Super elevation & Introduction part of Drone & LiDAR
16	Concrete Technology	Added Green concrete & Test on cylinder.
17	Hydraulics	-Nil-
18	Disaster Management	-Nil-
19	Energy & Environment	-Nil-
20	Computer Aided Design and Drawing	-Nil-
21	Human Resource Management	Added Factory & Minimum wages Act.
22	Ethics and Moral Philosophy	-Nil-
23	Advanced Surveying Practical	Added Staking In & Staking Out.
24	Concrete Technology Practical	Added Split tensile test.
25	Hydraulics Practical	-Nil-
26	Audit Course – IV (General Proficiency)	-Nil-

As per above suggestions given by experts, all corrections are made in respective syllabus by concern faculty members & submitted the final copy of syllabus.

All external BoS members appreciated the efforts taken by all faculty members of civil engineering department for preparation of Structure & syllabus.

Prepared and signed by



BoS, Chairman
Civil Engineering

CC to:

1. Principal
2. Dean Academic
3. Member Secretary, Civil Engg.

Head of Civil Engg. Dept.
Tatyasaheb Kore Institute of
Engineering & Technology,
Warananagar, Dist. Kolhapur