

Minutes of 10<sup>th</sup> Board of Studies Meeting

Venue: Primrose, KPRIET

Date: 23.11.2023

Meeting Link : <https://meet.google.com/rw-syzw-ttz>

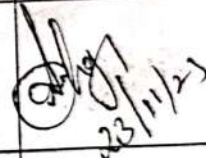




Time: 10.30 AM

**Agenda:**

To discuss and pass

1. Discussion on the minutes of previous BoS meeting and action taken
2. Professional Electives offered in different verticals under Regulation 2021
3. Open electives offered to other branches under Regulation 2021
4. Industry offered one credit courses
5. Value added courses
6. MOOC/Online Courses
7. Curriculum of I to VI semesters of B.E Civil Engineering (Construction Technology) for working Professionals (Approved by AICTE)
8. Any other matter

**Members Present:**



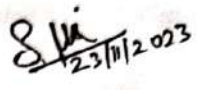
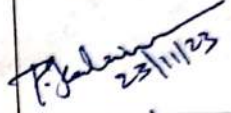

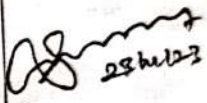
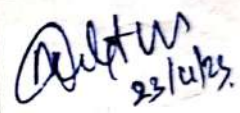

S.No	Name of the member with Designation	Category	Signature
1.	<b>Dr. G. Anusha</b> Professor and Head, Department of Civil Engineering, KPRIET	Chairman	 23/11/23
2.	<b>Dr. R. Chitra</b> Associate Professor Department of Civil Engineering Government College of Technology Coimbatore	University Nominee	
3.	<b>Dr. Dhanya Sathyan</b> Associate Professor Department of Civil Engineering Amrita School of Engineering Coimbatore	Academic Expert	
4.	<b>Dr. A. Sudhakar</b> CEO – Structural Dimensions Chairman, Indian Concrete Institute Coimbatore center	Special Invitee	
5.	<b>Mrs. P. Indhiradevi</b> Assistant Professor (Sr. G.), Department of Civil Engineering, KPRIET	BoS Coordinator	 23/11/2023

# Department of Civil Engineering

KPR Institute of Engineering and Technology



6.	<b>Dr. S. Anandakumar</b> Professor, Department of Civil Engineering, KPRIET	Faculty Member	Absent
7.	<b>Dr. S. Kanmani</b> Associate Professor, Department of Civil Engineering, KPRIET	Faculty Member	Jf. Jijep 23/11/23
8.	<b>Dr. R. Dharmaraj</b> Associate Professor, Department of Civil Engineering, KPRIET	Faculty Member	R. Dharmaraj 23/11/23
9.	<b>Dr. S. Elango</b> Associate Professor, Department of Civil Engineering, KPRIET	Faculty Member	Dr. S. Elango 23/11/23
10.	<b>Dr. R. Saravanakumar</b> Associate Professor, Department of Civil Engineering, KPRIET	Faculty Member	Dr. R. Saravanakumar 23/11/23
11.	<b>Dr. V. Rajeshkumar</b> Assistant Professor (Sl. G.), Department of Civil Engineering, KPRIET	Faculty Member	Dr. V. Rajeshkumar 23/11/23
12.	<b>Dr. S. Anandaraj</b> Assistant Professor (Sr. G.), Department of Civil Engineering, KPRIET	Faculty Member	Dr. S. Anandaraj 23/11/23
13.	<b>Mrs. B. S. Meenakshi</b> Assistant Professor (Sr. G.), Department of Civil Engineering, KPRIET	Faculty Member	Mrs. B. S. Meenakshi 23/11/23
14.	<b>Mrs. R. Kavitha</b> Assistant Professor (Sr. G.), Department of Civil Engineering, KPRIET	Faculty Member	Absent
15.	<b>Mr. V. Kavinkumar</b> Assistant Professor (Sr. G.), Department of Civil Engineering, KPRIET	Faculty Member	Mr. V. Kavinkumar 23/11/23
16.	<b>Mr. S. Elavarasan</b> Assistant Professor (Sr. G.), Department of Civil Engineering, KPRIET	Faculty Member	Mr. S. Elavarasan 23/11/23
17.	<b>Mr. D. Vivek</b> Assistant Professor (Sr. G.), Department of Civil Engineering, KPRIET	Faculty Member	Mr. D. Vivek 23/11/23

18.	<b>Mr. S. Yuvaraj</b> Assistant Professor (Sr. G.), Department of Civil Engineering, KPRIET	Faculty Member	 23/11/23
19.	<b>Mr. K. Maruthi Venkatesh</b> Assistant Professor Department of Civil Engineering, KPRIET	Faculty Member	 23/11/23
20.	<b>Mr. S. Logeswaran</b> Assistant Professor, Department of Civil Engineering, KPRIET	Faculty Member	 23/11/2023
21.	<b>Mr. P. Kalaivanan</b> Assistant Professor, Department of Civil Engineering, KPRIET	Faculty Member	 23/11/23
22.	<b>Mr. P. Manikandan</b> Assistant Professor, (Sr. G.) Department of Civil Engineering, KPRIET	Faculty Member	 23.11.2023
23.	<b>Mr. S. Venkat Raman</b> Assistant Professor, Department of Civil Engineering, KPRIET	Faculty Member	 23/11/23
24.	<b>Mr. S. Vinoth</b> Assistant Professor, Department of Civil Engineering, KPRIET	Faculty Member	 23/11/23
25.	<b>Ms. K. Dhivya</b> Assistant Professor, Department of Civil Engineering, KPRIET	Faculty Member	Absent
26.	<b>Mr. K. Rajkumar</b> Assistant Professor, Department of Civil Engineering, KPRIET	Faculty Member	 23/11/23

**Minutes of the 10<sup>th</sup> Meeting of the Board of Studies:**

The meeting started with the Chairman, Department of Civil Engineering welcoming the members of the Board of Studies and meeting started with a Presentation on Vision, Mission, POs, PEOs, PSOs, Syllabus content of Curriculum under Regulations 2021 UG programme and the various features of the curriculum.

Following points were discussed at the Board of Studies.

**RESOLUTIONS:**

**1. Action taken on the minutes of the 9<sup>th</sup> BOS meeting:**

The minutes of the 8<sup>th</sup> BoS meeting and the action taken thereon are approved

Subject	Suggestion Received	Action Taken
Maintenance and Rehabilitation of Structures	<ul style="list-style-type: none"> <li>Suggested to add Thermogram topic in Unit II.</li> </ul>	Suggested changes are made in the syllabus
Analysis and Design of Tall Building	<ul style="list-style-type: none"> <li>Suggested to add IS 16700 code book in reference</li> </ul>	
Advanced Prestressed Concrete	<ul style="list-style-type: none"> <li>Suggested to reframe the topic " Its application in the design of piles and flagmasts" to " Design of piles and Flagmasts".</li> </ul>	
Smart Materials and structures	<ul style="list-style-type: none"> <li>Suggested to include the terms Sensors &amp; Actuators instead of Smart</li> </ul>	
Design of Sub Structures	<ul style="list-style-type: none"> <li>Suggested to check the topic "Machine foundation" since it is already available in Industry structure course.</li> </ul>	
Experimental Techniques	<ul style="list-style-type: none"> <li>Suggested providing hands on training for the topics in Non Destructive Testing Methods</li> </ul>	Hands on training to be planned in III semester
Structural Health Monitoring	<p>Suggested checking the possibility of combining the following elective courses.</p> <ul style="list-style-type: none"> <li>Maintenance and Rehabilitation of Structures</li> <li>Structural Health Monitoring</li> <li>Smart Materials and structures</li> </ul>	Since the syllabus is different for the mentioned courses, it is kept as separate elective courses

## 2. Professional Electives offered in different verticals under Regulation 2021

Board recommended the following Professional Electives courses offered under UG programme for Regulation 2021 to the Standing committee of the Academic council for discussions:

- Comprehension I
- Comprehension II

Dr. R. Chitra enquired about the evaluation pattern and recommended incorporating multiple-choice questions (MCQs) since the elective is offered for GATE aspiring students

## 3. Open electives offered to other branches under Regulation 2021

Board recommended the following Open Electives courses offered under UG programme for Regulation 2021 to the Standing committee of the Academic council for discussions:

- E- Waste Management

## 4. Industry Oriented Courses for UG Regulations 2021

Board recommended the following Industry oriented one credit courses for Regulation 2021 – UG programme to the Standing committee of the Academic council for discussions:

- Valuation of Land and Buildings

## 5. Value Added Courses for UG Regulations 2021

Board recommended the following Value Added courses for Regulation 2021 – UG programme to the Standing committee of the Academic council for discussions:

- Lumion

## 6. MOOC / Online Courses for UG under Regulations 2021

The following Online courses for Regulation 2021 – UG programme were recommended to the Standing committee of the Academic council for discussions:

### 1. NPTEL/ SWAYAM Courses

- Urban Transportation Systems Planning
- Geographic Information Systems
- Engineering Hydrology
- Geotechnical Engineering II Foundation Engineering
- Maintenance and Repair of Concrete Structures
- Remote Sensing Essentials
- Retrofitting and Rehabilitation of Civil Infrastructure
- Air Pollution and Control

- Traffic Engineering
- Industrial Wastewater Treatment

## 7. Curriculum of I to VI semesters of B.E Civil Engineering (Construction Technology) for working Professionals (Approved by AICTE)

Resolved to approve that the following recommendation may be passed to the standing committee of the Academic Council that the curriculum and syllabi for the B.E Civil Engineering (Construction Technology) for working Professionals.

### Semester I

1. Heritage of Tamil
2. Engineering Mathematics
3. Construction Materials, Techniques and Equipment
4. Fluid Mechanics
5. Strength of Materials I
6. Engineering Survey
7. Survey Laboratory
8. Strength of Materials Laboratory
9. Environmental Sciences

### Semester II

1. Tamils and Technology
2. Engineering Mathematics II
3. Strength of Materials II
4. Applied Hydraulics and Hydraulic Machinery
5. Soil Mechanics
6. Concrete Technology
7. Soil Mechanics Laboratory
8. Hydraulic Engineering Laboratory
9. Essence of Indian Traditional Knowledge

### Semester III

1. Design of Reinforced Concrete Structures
2. Structural Analysis
3. Foundation Engineering
4. Highway Engineering
5. Professional Elective – I
6. Professional Elective - II
7. Computer Aided Drafting Laboratory
8. Concrete and Highway Lab
9. Indian Constitution

**Semester IV**

1. Environmental Engineering
2. Structural Analysis II
3. Design of Steel Structures
4. Professional Elective – III
5. Professional Elective - IV
6. Open Elective - I
7. Environmental Engineering Laboratory
8. Computer Aided Analysis and Design Laboratory
9. Cyber Security Essentials

**Semester V**

1. Estimation and Quantity Surveying
2. Construction Project Management
3. Professional Elective - V
4. Open Elective – II
5. Open Elective - III
6. Project Work Phase I
7. Building Information Modelling Laboratory
8. Introduction to UN SDG's: An integrated approach

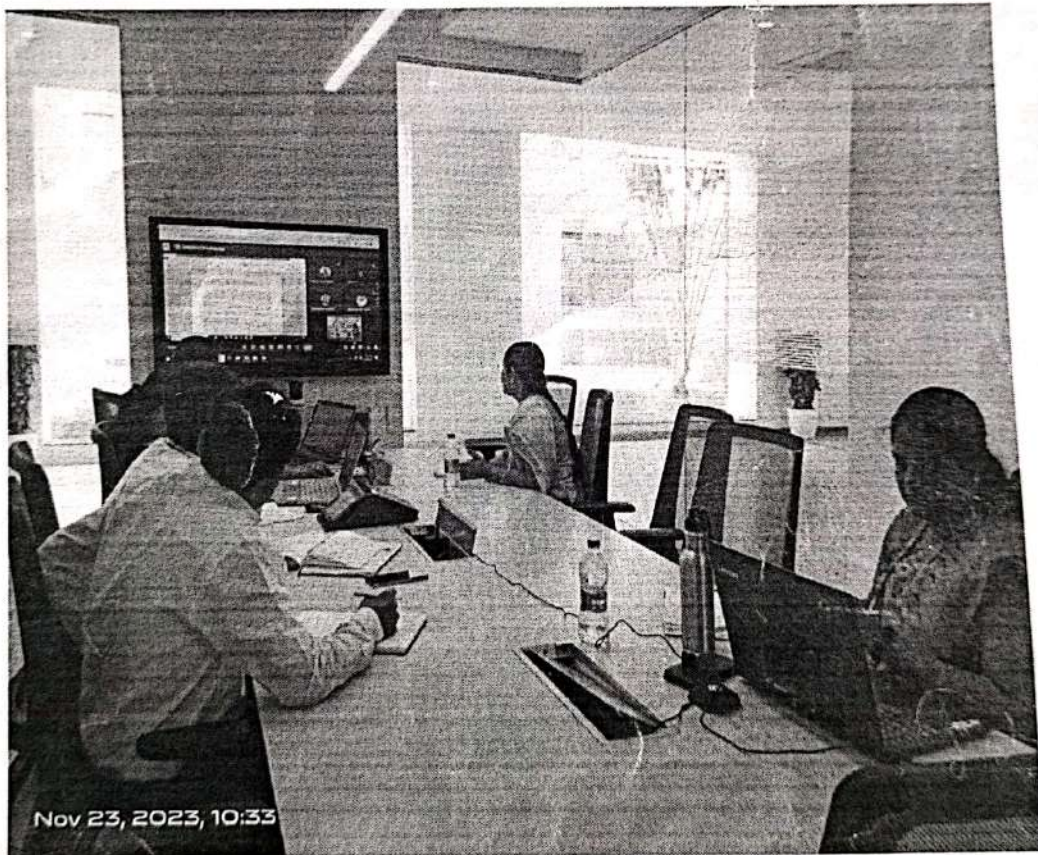
**Semester VI**

1. Modern Construction Techniques
2. Professional Elective - VI
3. Open Elective - IV
4. Project Work Phase II

**8. Any other subject**

- Dr. G. Anusha presented the achievements of Civil Engineering department such as events organised, MOU Signed and other achievements by students and faculty.
- Dr. A. Sudhakar congratulated for the approval of B.E. Civil Engineering (Construction Technology) for working Professionals (Approved by AICTE)

Photographs



Chairman – BoS/Civil