

Attendance Sheet

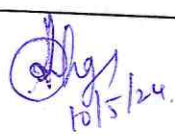
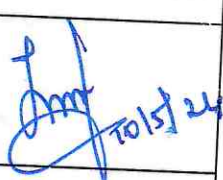

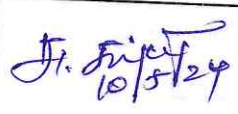
Venue: The Legend (Hybrid)


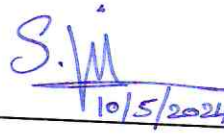




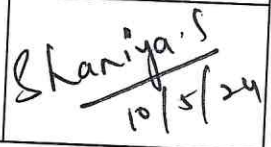
Date: 10.05.2023

Meeting ID: 98586386128

Time: 3.00 PM

Members Present:

S.No	Name of the member with Designation	Category	Signature
1.	Dr. G. Anusha Professor and Head, Department of Civil Engineering, KPRIET	Chairman	 10/5/24
2.	Dr. R. Chitra Associate Professor Department of Civil Engineering Government College of Technology Coimbatore	University Nominee	Online
3.	Dr. Manusandhanam Professor & Head Department of Civil Engineering IIT Madras	Academic Expert	Online
4.	Dr. Dhanya Sathyan Associate Professor Department of Civil Engineering Amrita School of Engineering Coimbatore	Academic Expert	Online
5.	Dr. A. Sudhakar CEO – Structural Dimensions Chairman, Indian Concrete Institute Coimbatore center	Industry Expert	Online
6.	Ms. Manonayaki Senior design Engineer, Larsen and Tubro Chennai	Alumni	Online
7.	Mrs. P. Indhiradevi Assistant Professor (Sr. G.), Department of Civil Engineering, KPRIET	BoS Coordinator	 10/5/24
8.	Dr. Anandakumar Professor, Department of Civil Engineering, KPRIET	Faculty Member	 10-5-24
9.	Dr. S. Kanmani Associate Professor, Department of Civil Engineering,	Faculty Member	 10/5/24

	Mr. K. Maruthi Venkatesh Assistant Professor Department of Civil Engineering, KPRIET	Faculty Member	 10/5/24
23.	Mr. S. Logeswaran Assistant Professor, Department of Civil Engineering, KPRIET	Faculty Member	 10/5/2024
24.	Mr. P. Kalaivanan Assistant Professor, Department of Civil Engineering, KPRIET	Faculty Member	 10/5/2024
25.	Mr. S. Venkat Raman Assistant Professor, Department of Civil Engineering, KPRIET	Faculty Member	 10/5/24
26.	Mr. S. Vinoth Assistant Professor, Department of Civil Engineering, KPRIET	Faculty Member	 10/5/24
27.	Ms. Kalki UG Student, Department of Civil Engineering, KPRIET	UG Student	 10/5/24.
28.	Mr. Shaniya PG Student, Department of Civil Engineering, KPRIET	PG Student	 10/5/24

Minutes of 11th Board of Studies Meeting

Venue: The Legend (Hybrid Mode)

Date: 10.05.2024

Meeting ID: 985 8638 6128


Time: 3.00 PM

Agenda:

To discuss and pass

1. Discussion on the minutes of previous BoS meeting and action taken
2. Changes made in the syllabi of UG Programme based on Stakeholders inputs
3. Curriculum and syllabi for UG Programme – Honours with Specialization and Minors degree in Infrastructure Engineering and Management
4. Curriculum for UG Programme – Micro Specialization Courses in Water and Water Treatment
5. Industry oriented One Credit Courses
6. Value added courses
7. Any other matter

Members Present:

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1.	Dr. G. Anusha Professor and Head, Department of Civil Engineering, KPRIET	Chairman	
2.	Dr. R. Chitra Associate Professor Department of Civil Engineering Government College of Technology Coimbatore	University Nominee	Online
3.	Dr. Manu Santhanam Professor & Head, Department of Civil Engineering IIT Madras	Academic Expert	Online
4.	Dr. Dhanya Sathyan Associate Professor Department of Civil Engineering Amrita School of Engineering Coimbatore	Academic Expert	Online
5.	Dr. A. Sudhakar CEO – Structural Dimensions Chairman, Indian Concrete Institute Coimbatore center	Special Invitee	Online
6.	Ms. Manonayaki Senior design Engineer, Larsen and Tubro, Chennai	Alumni	Online

19.	Mr. D. Vivek Assistant Professor (Sr. G.), Department of Civil Engineering, KPRIET	Faculty Member	<i>[Signature]</i> 15/5/24
20.	Mr. S. Yuvaraj Assistant Professor (Sr. G.), Department of Civil Engineering, KPRIET	Faculty Member	<i>[Signature]</i> 15/5/24
21.	Mr. K. Maruthi Venkatesh Assistant Professor Department of Civil Engineering, KPRIET	Faculty Member	
22.	Mr. S. Logeswaran Assistant Professor, Department of Civil Engineering, KPRIET	Faculty Member	<i>[Signature]</i> 15/5/2024
23.	Mr. P. Kalaivanan Assistant Professor, Department of Civil Engineering, KPRIET	Faculty Member	<i>[Signature]</i> 15/5/2024
24.	Mr. P. Manikandan Assistant Professor, Department of Civil Engineering, KPRIET	Faculty Member	
25.	Mr. S. Venkat Raman Assistant Professor, Department of Civil Engineering, KPRIET	Faculty Member	<i>[Signature]</i> 15/5/24
26.	Mr. S. Vinoth Assistant Professor, Department of Civil Engineering, KPRIET	Faculty Member	<i>[Signature]</i> 15/5/24
27.	Ms. Kalki UG Student, Department of Civil Engineering, KPRIET	UG Student	<i>[Signature]</i> 15/5/24
28.	Mr. Shaniya PG Student, Department of Civil Engineering, KPRIET	PG Student	<i>[Signature]</i> 15/5/24

Minutes of the 11th 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.

- "Classification of Roads, Gradients & Curves, An introduction to Pavement Design Software and Highway construction equipment" are made as self-study topics in "U21CE404- Highway Engineering" Semester IV
- "Stair head room and Lift machine room as per codal provisions" is made as self-study topic in "U21CE501- Design Of Reinforced Concrete Structures" in Semester V
- "Failure of Bridges and Case Studies" is made as self-study topic in "U21CE502- Structural Analysis I" in Semester V
- "Pipe appurtenances, Impact on human health and Environment, Disinfection, Water softening and Water Conservation Method" are made as self-study topics in "U21CE503- Environmental Engineering I" in Semester V
- "Wastewater Sources, operation and maintenance of treatment units, Septic Tank, Case studies with sustainability approaches and Ultimate Disposal of Sludge Solids" are made as self-study topics in "U21CE601 - Environmental Engineering II" in Semester VI
- "Series of concentrated loads and Load factor" are made as self-study topics in "U21CE602- Structural Analysis II" in Semester VI
- "Stress-Strain relationship for mild steel, Behavior of bolted joints, welded specifications, modes of failure and factors affecting strength of tension members, Design of built up beams, Types of trusses, Economical spacing of roof trusses, loads on roof trusses" are made as self-study topics in "U21CE603- Design Of Steel Structures" in Semester VI
- "Role of Project Managers, Concept of Project, Safety Management and Factors influencing construction quality" are made as self-study topics in "U21CE701- Construction Project Management" in Semester VI
- "General items of work in building, Importance of Rate Analysis, Prequalification of contractors, Market value" are made as self-study topics in "U21CE702- Estimation And Quantity Surveying" in Semester VII
- "Importance of structural dynamics, Past Earthquakes, IS codal provisions for the determination of lateral loads" are made as self-study topics in "U21CEP01- Structural Dynamics And Earthquake Engineering"
- "Advantages and Types of prestressing and Partial prestressing" are made as self-study topics in "U21CEP02- Prestressed Concrete Structures"
- "Materials, Shear walls and Codal provisions for Design of Abnormal Loads" are made as self-study topics in "U21CEP03- Prefabricated Structures"
- "Case studies, Types of Deterioration, Different types of repair materials and their application, Coatings to Reinforcement, Demolition and its Case Studies" are made as self-study topics in "U21CEP04 - Repair And Rehabilitation of Structures"
- "Global Warming, Ozone layer depletion, Emission standards and types, pollution control for specific major industries, legislation and enforcement" are made as self-study topics in "U21CEP07 - Air Pollution And Management"

- approach” are made as self-study topics in “U21CEP19- Sustainable And Lean Construction”
- “Application of tools, General layout and detailed drawings – BOQ calculation and checklist, Codal and contractual requirements, Innovation and global practices, High rise construction” are made as self-study topics in “U21CEP20- Formwork Engineering”
 - “Trend of Urbanisation at International, National, Regional and State level, Types and Level of Plan, case studies, Financing of Urban Development Projects, Involvement of Public, Private, NGO, CBO and Beneficiaries” are made as self-study topics in “U21CEP21- Urban Planning And Management”
 - “An Introduction to metro rail and high speed rail network, Case studies of railway stations in India, Lighting, Airport Performance, Demand Management, Multi-airport Systems, Environmental concern of Port Operations” are made as self-study topics in “U21CEP22 - Railways, Airports and Harbour Engineering”
 - “Land use & transport and modal integration, Traffic signs, Promotion of non-motorized transport, Intelligent Transport System for traffic management” are made as self-study topics in “U21CEP23- Traffic Engineering And Management”
 - “India “100 smart cities” mission, Case studies, Smart parking system, Rating system of green buildings, Case studies of smart city” are made as self-study topics in “U21CEP24- Smart Cities”
 - “An Introduction to pavement design software, Design procedure as per IRC guidelines, Concrete roads and their scope in India, Requirements, properties and testing, Pavement maintenance (IRC Recommendations only)” are made as self-study topics in “U21CEP26- Pavement Engineering”
 - “Bore log report, Remedies to minimize total and differential settlements” are included as self-study topics in “U21CEP27 - Foundation Engineering”.
 - “Different types of problematic soils, Vibro compaction, Dewatering methods, Ground Freezing, Soil nailing” are included as self-study topics in “U21CEP28- Ground Improvement Techniques”
 - “Geo environmental Problems, Waste Characterization and Properties, Green and Sustainable Remediation, Advanced Geophysical Techniques for Environmental Site Rehabilitation” are made as self-study topics in “U21CEP29 - Geo Environmental Engineering”
 - “Sources of vibrations” is made as self-study topic in “U21CEP31- Soil Dynamics And Machine Foundation”
 - “Plate tectonics, Earth quakes, Investigation of Landslides” are made as self-study topics in “U21CEP32 - Engineering Geology”
 - “Applications of AI in Engineering, Case studies in Unit II, III, IV and V” are included as self-study topics in “U21CEP33- AI In Civil Engineering”

and recommended the same to the Standing committee of the Academic council for discussions:

S No	Course Title	Suggestion
1	Sustainable Water Management: Principles and Practices	<ul style="list-style-type: none"> • Dr.Manu Santhanam suggested offering courses relevant to Entrepreneurship or Business Development for students. • Dr. Sudhagar suggested offering course related to Building Automation. • Dr. G. Anusha informed that both the courses are offered as Open elective courses.
2	Water Treatment Essentials: Principles and Practices	
3	Plumbing – Theory and Practice	
4	Experiential Project	

5. Industry oriented One Credit Courses

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

- Architecture and Visualization

6. Value added courses

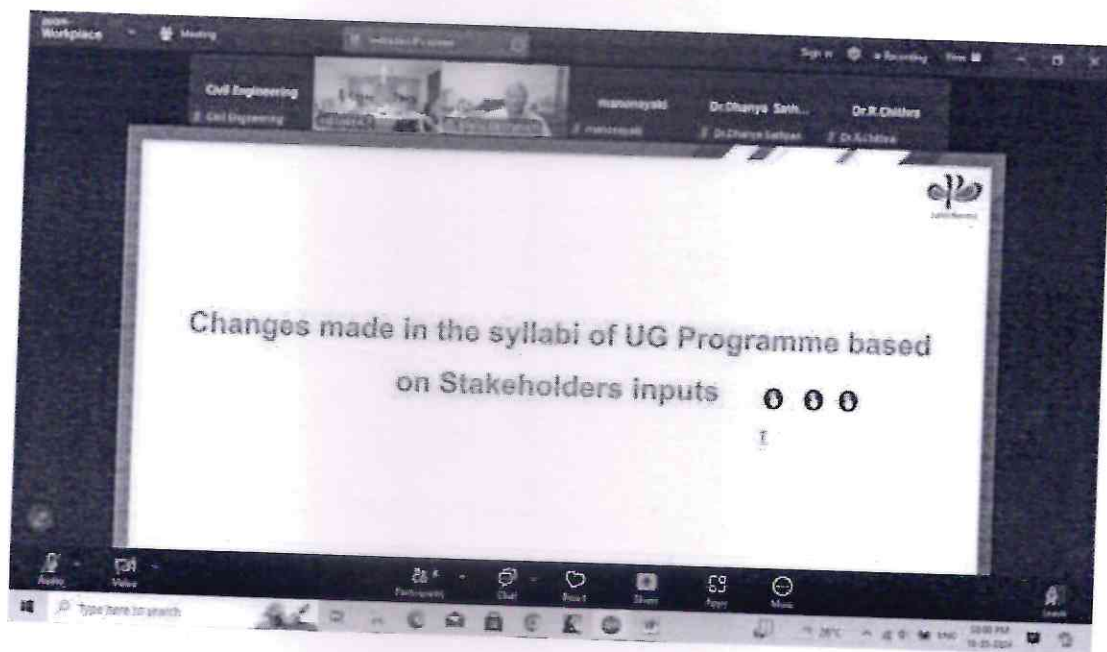
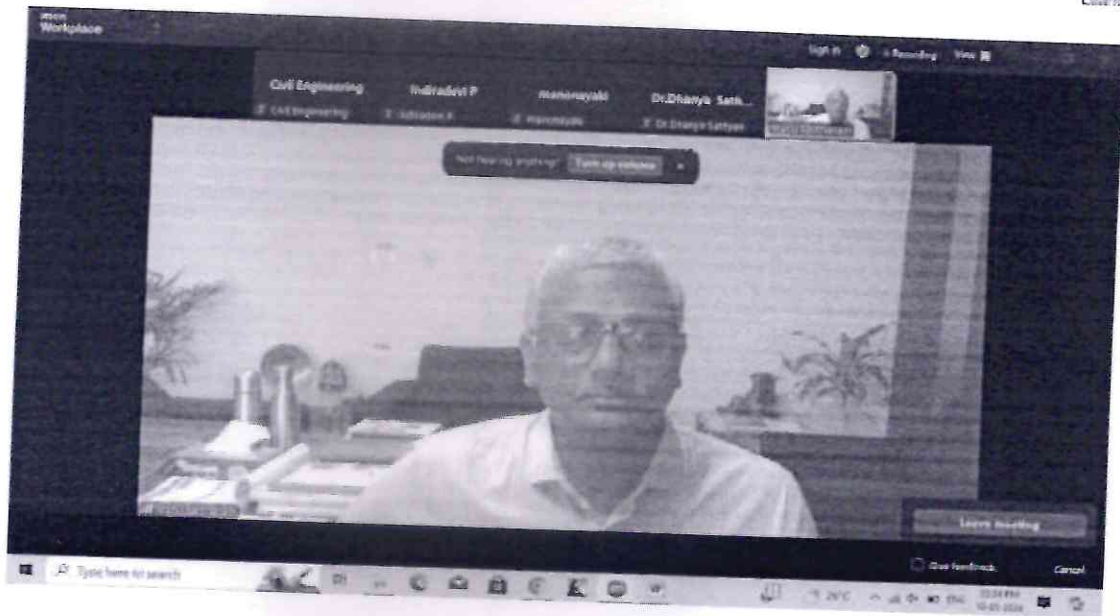
The following Value added course for Regulation 2021 – UG programme was recommended to the Standing committee of the Academic council for discussions:

- Estimating And Costing using Estima Software

Dr Manu Santhanam enquired if the VAC is taught by faculty members of the college or from experts from other Industry. Dr.G. Anusha informed that, VAC is taught by internal faculty members

7. 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. Manu Santhanam, Dr. A. Sudhakaran, Dr. Dhanya Sathyan and Dr. R. Chitra congratulated the students and the faculty members for the achievement
- Dr. Dhanya enquired about the semester from which the students are eligible to take up the Minor courses
- Dr. Chitra enquired about the minimum CGPA required for the students to take up the minor courses.




Chairman – BoS/Civil