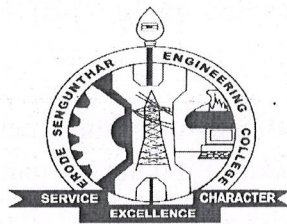


ERODE SENGUNTHAR ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University, Chennai)

PERUNDURAI, ERODE - 638 057



Department of Civil Engineering

7th BOARD OF STUDIES MEETING

12th January 2024 @ 10.00 a.m.

ZOOM MEET LINK:

<https://us06web.zoom.us/j/85242690141?pwd=Rc9ldH3oltMH38AaCA8qiOFsmgKACB.1>



ERODE SENGUNTHAR ENGINEERING COLLEGE

(An Autonomous Institution—Affiliated to Anna University, Chennai)

PERUNDURAI, ERODE - 638057



DEPARTMENT OF CIVIL ENGINEERING

7th BOARD OF STUDIES MEETING (HYBRID MODE)

Meeting Link:

<https://us06web.zoom.us/j/85242690141?pwd=Rc9ldH3oltMH38AaCA8qiOFsmgKACB.1>

Date & Time: 12.01.2024 & 10.00 a.m.

AGENDA

The 7th Board of Studies Meeting is convened on 12.01.2024 at 10.00 AM. The agenda for the meeting is as follows.

BoS /CIVIL 7.1	:	Welcome to Board of Studies members and opening remarks by the Chairman, Board of Studies, Department of Civil Engineering.
BoS /CIVIL 7.2	:	Confirmation of the Minutes of 06 th Board of Studies Meeting and Action taken report of 06 th Board of Studies meeting.
BoS /CIVIL 7.3	:	Review of Curriculum for the B.E. Civil Engineering programme offered under Regulation 2023.
BoS /CIVIL 7.4	:	Review of syllabus for the 3 rd semester for the B.E. Civil Engineering programme offered under Regulation 2023.
BoS /CIVIL 7.5	:	Review of curriculum for the M.E. Environmental Engineering programme offered under Regulation 2023.
BoS /CIVIL 7.6	:	Review of syllabus for the 3 rd semester for the M.E. Environmental Engineering programme offered under Regulation 2023.
BoS /CIVIL 7.7	:	Review of curriculum for the M.E. Structural Engineering programme offered under Regulation 2023.
BoS /CIVIL 7.8	:	Review of syllabus for the 3 rd semester for the M.E. Structural Engineering programme offered under Regulation 2023.
BoS /CIVIL 7.9	:	Suggestions for Revisions in curriculum & syllabi needed for Regulations 2023.
BoS /CIVIL 7.10	:	Any other items


CHAIRMAN

BOARD OF STUDIES – CIVIL

Chairman - BoS
Dept. of Civil Engg. - ESEC



ERODE SENGUNTHAR ENGINEERING COLLEGE

(An Autonomous Institution – Affiliated to Anna University, Chennai)

PERUNDURAI, ERODE - 638057

DEPARTMENT OF CIVIL ENGINEERING

7th BOARD OF STUDIES MEETING

(HYBRID MODE)

Meeting Link

<https://us06web.zoom.us/j/85242690141?pwd=Rc9ldH3oltMH38AaCA8qiOFsmgKACB.1>



MINUTES OF THE MEETING

The 7th Board of Studies meeting of Department of Civil Engineering was held on 12th January 2024 at 10.00 a.m. through hybrid mode.

S. No.	Name & Designation	Category
1.	Dr. K. M. Gopalakrishnan, Professor & HoD, Department of Civil Engineering, Erode Sengunthar Engineering College.	Chairman
2.	Dr. K. Nalina, Professor, Department of Civil Engineering, PSG College of Technology, Coimbatore.	University Nominee
3.	Mr. A. Punitha Kumar Associate Professor/HoD, Department of Structural and Geotechnical Engineering, Vellore Institute of Technology, Vellore Campus, Vellore.	Academic Experts
4.	Dr. A. Geetha Selvarani Professor & Head, Department of Civil Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai.	Academic Experts
5.	Er. Ravishankar Subramanian, Director, Integino Structural Solutions Pvt. Ltd., No. 58/61, Kandan Nagar, 2 nd Street, Nungambakkam, Chennai.	Representative from Industry /Corporate Sector
6.	Mr. Habbis Mohameed, TPK Infra Projects, Tiruppur.	Alumni
7.	Dr. S. Christian Johnson, Professor, Department of Civil Engineering, Erode Sengunthar Engineering College, Perundurai.	Internal Members
8.	Dr. A. Gopalan, Professor,	Internal Members

	Department of Civil Engineering, Erode Sengunthar Engineering College, Perundurai.	
9.	Dr.P.Balamurugan, Associate Professor, Department of Civil Engineering, Erode Sengunthar Engineering College, Perundurai.	Internal Members
10.	Dr.S.Arulmozhi, Associate Professor, Department of Civil Engineering, Erode Sengunthar Engineering College, Perundurai.	Internal Members

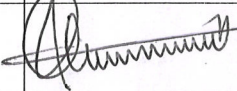
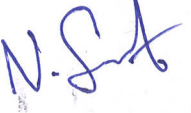
BOS/CIVIL 7.1	:	WELCOME ADDRESS AND OPENING REMARKS BY CHAIRMAN, BOARD OF STUDIES
		The Chairman, Board of Studies for the Department of Civil Engineering, welcomed the members of Board of Studies. He presented the introduction and achievements of the department and briefed the agenda to be discussed followed by introduction of all members present.
BOS/CIVIL 7.2	:	CONFIRMATION OF THE 6th BOARD OF STUDIES MEETING MINUTES AND ACTION TAKEN REPORT
		The Chairman, Board of Studies for the Department of Civil Engineering presented the 6 th Board of Studies Minutes of the Meeting and Action taken Report for B.E Civil Engineering and M.E Environmental Engineering programme. The Board of Studies reviewed the regulations and suggested
BOS/CIVIL 7.3	:	REVIEW OF CURRICULUM FOR THE B.E. CIVIL ENGINEERING PROGRAMME OFFERED UNDER REGULATION 2023.
		The Chairman, Board of Studies for the Department of Civil Engineering presented the B.E Civil Engineering curriculum and the professional elective subjects provided for B.E Civil Engineering Course. The members reviewed the curriculum and professional elective syllabus and approved the same.
BOS/CIVIL 7.4		REVIEW OF SYLLABUS FOR THE 3rd SEMESTER FOR THE B.E. CIVIL ENGINEERING PROGRAMME OFFERED UNDER REGULATION 2023.
	:	<p>The members suggested the following points</p> <ul style="list-style-type: none"> • Mechanics for Engineers Course, "A Text Book on Engineering Mechanics", by Khurmi R S, S Chand and company limited, New Delhi, 2019 to be included under textbook rather than to be reference book. • Salutation for the author name in text books to be removed. • Year of publication for the reference book, Rajasekaran S and Sankara Subramanian G, "Engineering Mechanics-Statics and Dynamics", Vikas Publishing House Pvt. Ltd., New Delhi, 2006 need to be checked and Corrected.
BOS/CIVIL 7.5		REVIEW OF CURRICULUM FOR THE M.E. ENVIRONMENTAL ENGINEERING PROGRAMME OFFERED UNDER REGULATION 2023.


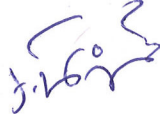


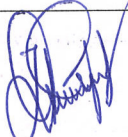
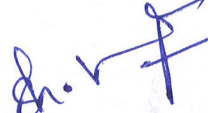
		<p>The Chairman, Board of Studies for the Department of Civil Engineering presented the M.E Environmental Engineering curriculum and the professional elective subjects provided for M.E Environmental Engineering Course. The members reviewed the curriculum and professional elective syllabus and suggested to change the Air and Noise Quality Modelling Course.</p>
BOS/CIVIL 7.6		<p>REVIEW OF SYLLABUS FOR THE 3rd SEMESTER FOR THE M.E. ENVIRONMENTAL ENGINEERING PROGRAMME OFFERED UNDER REGULATION 2023.</p>
		<p>The members suggested the following points.</p> <ul style="list-style-type: none"> • Open source software's for the Course "Water Quality Modeling" need to be checked and corrected. • Syllabus for the course "Membrane Separation for Water and wastewater treatment" is seems to be more. This need to be reduced correctly. • Course Outcomes for the Subject "Fate and Remediation of Emerging Contaminants" needs to be corrected. • Syllabus for the course "Operation and Maintenance of water and wastewater treatment plant" seem to be heavy. This syllabus needs to be reduced and IoT course are included.
BOS/CIVIL 7.7	:	<p>REVIEW OF CURRICULUM FOR THE M.E. STRUCTURAL ENGINEERING PROGRAMME OFFERED UNDER REGULATION 2023.</p>
		<p>The Chairman, Board of Studies for the Department of Civil Engineering presented the M.E Structural Engineering curriculum and the professional elective subjects provided for M.E Structural Engineering Course. The members reviewed the curriculum and professional elective syllabus and approved the same.</p>
BOS/CIVIL 7.8	:	<p>REVIEW OF SYLLABUS FOR THE 3rd SEMESTER FOR THE M.E. STRUCTURAL ENGINEERING PROGRAMME OFFERED UNDER REGULATION 2023.</p>

	<p>The members suggested the following points.</p> <ul style="list-style-type: none"> • Inclusion of Code of Practice IS-802 in Design of Industrial Structures Subject. • Topic of the course for the subject code 23STX18 "Soil Structure Interaction" to be changed. • In "Design of Shell and Spatial Structures", Unit 4 title can be changed as Analysis and Design of Space Frames, Unit 5 title can be changed as Stressed Skin – Cable Suspended Structures Application.
BOS/CIVIL 7.9	<p>SUGGESTIONS FOR REVISIONS IN CURRICULUM & SYLLABI NEEDED FOR REGULATIONS 2023.</p>
	<p>Action taken for Suggestions and revision for Curriculum and Syllabi for Regulation 2023 to be done and verified in upcoming meeting.</p>
BOS/CIVIL 7.9	<p>ANY OTHER ITEMS</p>
	<p>Finally, The Chairman, Board of Studies for the Department of Civil Engineering thanked the members in the meeting for their valuable suggestions to improve the curriculum and Syllabus for B.E Civil Engineering, M.E Environmental Engineering and M.E Structural Engineering under regulation 2023.</p>

ANNEXURE – I

The following members presented in the Board of Studies Meeting

S. No.	Name & Designation	Category	Signature
1.	Dr. K. M. Gopalakrishnan Professor and Head, Department of Agricultural Engineering, Erode Sengunthar Engineering College, Perundurai.	Chairman	
2.	Dr. K. Nalinaa Professor Department of Civil Engineering PSG college of Technology Coimbatore - 641 004	University Nominee	
3.	Dr. A. Geetha Selvarani Professor & Head, Department of Civil Engineering, Vel Tech Rangarajan Dr.Sagunthala R & D Institute of Science and Technology, Avadi, Chennai-600 062.	Academic Experts	
4.	Dr.A.Punitha Kumar Associate Professor & Head, Department of Structural and Geotechnical Engineering, Vellore Institute of Technology, Vellore Campus, Vellore 632014.		
5.	Er. Ravishankar Subramanian Director, Integino Structural Solutions Pvt. Ltd., No.58/61, Kandan Nagar 2nd Street Numgambakkam, Chennai 600034.	Representative from Industry/ Corporate Sector	
6.	Mr.Habbis Mahammed TPK Infra Projects Pvt, Ltd., Tiruppur 641604.	Meritorious Alumni	
7.	Dr.S.Christian Johnson Professor, Department of Civil Engineering, Erode Sengunthar Engineering College, Perundurai.	Internal Members	
8.	Dr.S.Arulmozhi Associate Professor Department of Civil Engineering, Erode Sengunthar Engineering College, Perundurai.		
9.	Dr.P.Balamurugan Associate Professor Department of Civil Engineering, Erode Sengunthar Engineering College, Perundurai.		
10.	Dr.N.Sekaran Associate Professor Department of Civil Engineering, Erode Sengunthar Engineering College, Perundurai.		

11.	Dr.A.Gopalan Professor, Department of Civil Engineering, Erode Sengunthar Engineering College, Perundurai.		
12.	Dr.R.Krishnasamy Assistant Professor Department of Civil Engineering, Erode Sengunthar Engineering College, Perundurai.		
13.	Mr.M.Balaji Assistant Professor Department of Civil Engineering, Erode Sengunthar Engineering College, Perundurai.		
14.	Mr.M.Dhivakar Karthick Assistant Professor Department of Civil Engineering, Erode Sengunthar Engineering College, Perundurai.		
15.	Mr.J.Arunprasad Assistant Professor Department of Civil Engineering, Erode Sengunthar Engineering College, Perundurai.		
16.	Mr.K.Vallarasu Assistant Professor Department of Civil Engineering, Erode Sengunthar Engineering College, Perundurai.		

ANNEXURE – II

DEPARTMENT OF CIVIL ENGINEERING

Screen Shots of 7th Board of Studies Meeting

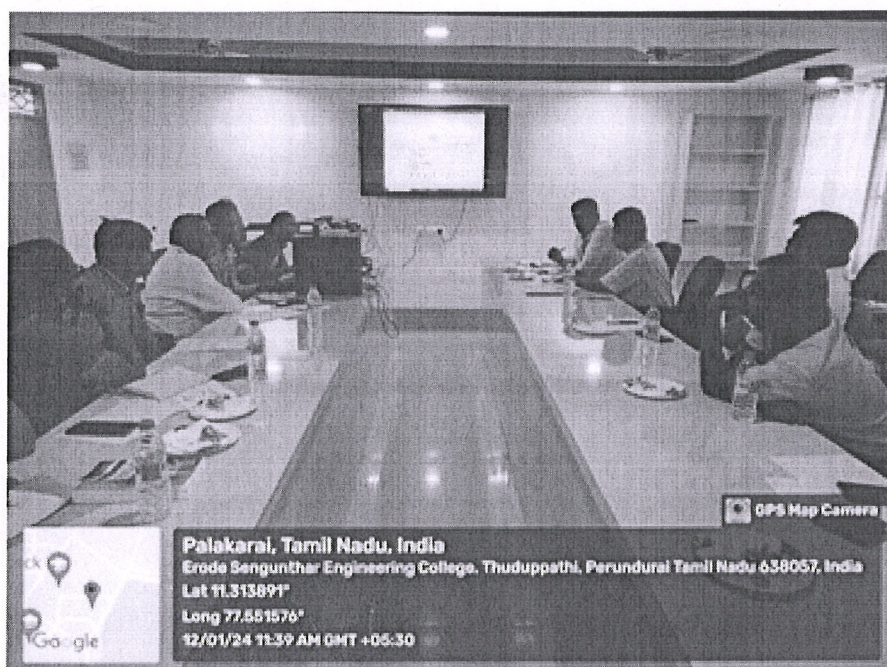
Name of the Department : Civil Engineering

Name of the Board : Civil Engineering

Programmes : B.E – Civil Engineering

Zoom Link :

<https://us06web.zoom.us/j/85242690141?pwd=Rc9ldH3oltMH38AaCA8qiOFsmgKACB.1>





ERODE SENGUNTHAR ENGINEERING COLLEGE

(An Autonomous Institution)

Approved by AICTE, New Delhi, Permanently Affiliated to Anna University- Chennai,
Accredited by National Board of Accreditation (NBA), New Delhi &
National Assessment and Accreditation Council (NAAC), Bangalore with 'A' Grade
PERUNDURAI -638 057, TAMILNADU, INDIA.

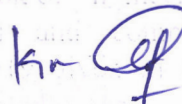


DEPARTMENT OF CIVIL ENGINEERING

7th Board of Studies-Action taken report

Sl.No.	Name of the Expert	Suggestion Given	Action Taken	Remarks
1	Dr. K. Nalina Professor / Civil / PSG / Coimbatore	Suggested to change the title for the subject 23STX18 – Performance of Structure with Soil Structure Interaction as “Soil Structure Interaction” for the subject code 23STX18	Title for the 23STX18 has been changed as Soil Structure Interaction.	
		Suggested to change the Unit 4 title as Analysis and Design of Space Frames, Unit 5 title as Stressed Skin – Cable Suspended Structures Application for the subject Design of Shell and Spatial Structures.	Unit 4 title has been changed as Analysis and Design of Space Frames, Unit 5 title has been changed as Stressed Skin – Cable Suspended Structures Application for the subject Design of Shell and Spatial Structures.	
		Suggested to include Stressed skin – Cable suspended structures - Failure of Shell and Space structures - Case studies in Unit 5 First part for the subject Design of Shell and Spatial Structures.	Stressed skin – Cable suspended structures - Failure of Shell and Space structures - Case studies in Unit 5 First part for the subject Design of Shell and Spatial Structures has been included.	
2	Dr. A. Geetha Selvarani Professor / Civil / Vel-Tech Chennai	Suggested to Check the open source software's for the subject “Water Quality Modeling”.	Included the Remote Sensing & GIS in Professional Elective - I	
		Suggested to reduce the syllabus content for the subject Membrane Separation for Water and wastewater treatment.	Syllabus content for the subject Membrane Separation for Water and wastewater treatment has been reduced.	

		Suggested to Check Course Outcomes for the Subject "Fate and Remediation of Emerging Contaminants".	Course Outcomes for the Subject Fate and Remediation of Emerging Contaminants has been checked and revised.	
		Suggested to reduce the syllabus content for the subject Operation and Maintenance of water and wastewater treatment plant and to include IOT.	Syllabus content for the subject Operation and Maintenance of water and wastewater treatment plant has been reduced and IOT is included.	
3	Dr.A.Punitha Kumar Associate Professor / Department of Structural and Geotechnical Engineering / VIT / Chennai	Suggested to change the Khurmi R S "A Text Book of Engineering Mechanics", S Chand and company limited, New Delhi, 2019 book from reference to text books in Mechanics for Engineers subject.	Khurmi R S "A Text Book of Engineering Mechanics", S Chand and company limited, New Delhi, 2019 given in text book section.	
		Suggested to remove the salutation for the author name in text books.	Salutation for the author name in all the text books and reference book has been checked and removed..	
		Check the year of publication for the reference book, Rajasekaran S and Sankara Subramanian G, "Engineering Mechanics-Statics and Dynamics", Vikas Publishing House Pvt. Ltd., New Delhi, 2006.	Year of publication for the reference book, Rajasekaran S and Sankara Subramanian G, "Engineering Mechanics-Statics and Dynamics" has been checked and changed as 2018..	
		Suggested to provide Code of Practice IS-802 in Design of Industrial Structures Subject.	Code of Practice IS-802 has been included for the subject Design of Industrial Structures.	


CHAIRMAN

BOARD OF STUDIES

CIVIL ENGINEERING
Chairman - BoS
Dept. of Civil Engg. - ESEC