



SRM Valliammai Engineering College

(An Autonomous Institution)

Approved by AICTE & Affiliated to Anna University, Chennai.

'A' Grade Accreditation by NAAC, NBA Accredited, ISO 9001:2015 Certified

31.03.2023

Submitted to the Principal,

Sub: Permission to conduct 3rd Board of Studies meeting- Reg


Sir,

I would like to inform you that, we are planning to conduct Third Board of Studies meeting on 08.04.2023 at 8.45 AM in Civil Engineering Department Seminar Hall. Kindly approve the same.

Thanking you for the Consideration

CHAIRMAN

D.  31/3

Permitted

3/6

SRM Nagar, Kattankulathur-603 203, Kancheepuram District, Tamil Nadu, India.

Phone: 044-27454784, 27454726 & 27451498 Fax: 044-27451504

www.srmvalliammai.ac.in



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Faculty of Civil Engineering

Date: 31.03.2023

Time: 10.00 AM

3rd Meeting of the Board of Studies in Civil Engineering has been scheduled on 08.04.2023 (Saturday) at 10.00 am in the Civil Seminar Hall of Civil Engineering Department

Agenda

Item No	Particular
FC 3.01	To consider and approve the curriculum syllabi of III & IV semester for the UG Degree programmes to be offered under new regulation R - 2023. 1. B.E - CIVIL ENGINEERING 2. B.Tech - AGRICULTURAL ENGINEERING
FC 3.02	To consider and approve the curriculum syllabi of PG degree programme of I to IV semester to be offered under new regulation R - 2023. M.E - STRUCTURAL ENGINEERING
FC 3.03	To discuss and approve to CO & PO mapping
FC 3.04	Any other points by the permission of chair person

CC to,

1. Chairman, Academic Council – for Kind information
2. All Members of Board of Studies in Civil Engineering.

CHAIRMAN

D. [Signature] 31/3

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Board of Studies: Faculty of Civil Engineering

Attendance of 3rd Board of Studies Meeting held on 08.04.2023

Sr. No.	Name	Designation	Category	Signature
1.	Dr. D. Elango	Head of the Department	Chairman	
2.	Dr. V. Murugaiyan	Professor & Head Department of Civil Engineering Puducherry Technological University Pillaichavadi, Puducherry-605 014.	Member (University Nominee)	
3.	Dr. B. Palani	Professor Department of Civil & Structural Engineering Annamalai University Chidambaram-608 002.	Member (Subject Expert)	
4.	Dr. S. V. Srinivasan	Sr. Principal Scientist & Deputy Head CSIR-Central Leather Research Institute, Adyar, Chennai-600 020	Member (Subject Expert) R&D	
5.	Dr. T. Senthil Kumar	Principal Scientist (Farm Machinery) Regional Centre ICAR- Central Institute of Agricultural Engineering Coimbatore-641 007	Member (Subject Expert)	
6.	Mr. S. Janakumaran	Project Director National Highways Authority of India Guindy, Chennai-600 032	Member (Industry Expert)	
7.	Dr. V. Ramji	Assistant Professor(Sr.G) Center for Water Resources Anna University Chennai 600 025	Member (Subject Expert)	
8.	Mr. D. Anand	Civil & Structural Engineer Archetype India Aminjikarai, Chennai-600 029	Member (Alumnus)	
9.	Dr. A. Leema Rose	Associate Professor & Head-Agri	Member	
10.	Ms. S. MohanaSundari	Assistant Professor (Sr.G)	Member	

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FACULTY OF CIVIL ENGINEERING

The third Board of Studies meeting of the Faculty of Civil Engineering was conducted on 08.04.2023 at 9.30 a.m. in the Civil Engineering Seminar hall, presided by the Chairman.

Minutes

Chairman welcomed all BOS members and briefed the agenda to be discussed followed by introduction of all members present.

FC 3.01	<p>To consider and approve the curriculum syllabi of III & IV semester for the UG Degree programmes to be offered under new regulation R - 2023.</p> <ol style="list-style-type: none">1. B.E - CIVIL ENGINEERING2. B.Tech - AGRICULTURAL ENGINEERING3. M.E – STRUCTURAL ENGINEERING
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The BOS member **Dr. V. Murugaiyan**, suggested to reduce the content of **CE3361 – Applied Mechanics** course in III semester.

The BOS member **Dr. V. Murugaiyan**, suggested to mention only the main topics in the syllabus of **Subject Code: CE3362 – Subject Name: Fluid Mechanics** course in III semester. Also, suggested to rearrange the text book authored by R.K Bansal as first text book.

The BOS member **Mr. D. Anand**, suggested to include Solid blocks topic in the **Subject Code: CE3364 – Subject Name: Construction materials subject**.

The BOS member **Dr. B. Palani**, suggested to change the experiment order in **Subject Code: CE 3368, Subject Name: Computer aided drafting and modelling laboratory**.

The BOS member **Dr. V. Murugaiyan**, suggested to change the **CE 3463** course name as **CONSTRUCTION TECHNIQUES AND EQUIPMENTS**

The BOS member **Dr. S. V. Srinivasan**, suggested to change the Unit 3 title as **“DAMS, DIVERSION AND IMPOUNDING STRUCTURES”** in the course **Subject Code: CE 3464**. Also, suggested to include **“Automation of Irrigation System using IoT”** in Unit V.

The BOS member **Dr. V. Murugaiyan**, suggested to rearrange the contents of Unit 2 and Unit 3 in **Subject Code : CE 3465 – Subject Name: Foundation Engineering.**

The BOS member **Dr. B. Palani**, suggested to change the subject title **Subject Code: CE3467- Subject Name:“ Hydraulic Engineering Laboratory”** as **“Fluid Mechanics and Machinery Laboratory”**

The BOS member **Dr. T. Senthil Kumar**, suggested in Semester III, **Subject Code: AG3361 Subject Name: Fluid Mechanics and Hydraulics** should be renamed as **“Fluid Mechanics and Open Channel”** and Unit-V title dimensional analysis and pumps should be renamed as **“Dimensional Analysis”** and the topics related to pumps should be removed and included in Unit I of Fourth Semester **Subject Code: AG3462 Subject Name: Irrigation and Drainage Engineering.**

The BOS member **Dr. T. Senthil Kumar**, suggested that the topics **“Water Resources, River basins, Development and Utilization in India and Tamil Nadu Irrigation”** in Fourth Semester **Subject Code: AG3462 Subject Name: Irrigation and Drainage Engineering** should be moved to Unit IV of Semester III, **Subject Code: AG3362 Subject Name: Hydrology and Water Resources Engineering.**

The BOS member **Dr. V. Murugaiyan**, suggested to remove the pump experiments in Semester III, **Subject Code: AG3365 Subject Name: Fluid Mechanics Laboratory** and include the same in Fourth Semester **Subject Code: AG3465 Subject Name: Irrigation Field Laboratory.**

The BOS member **Dr. S. V. Srinivasan** suggested that, the Fifth experiment name **“Specific gravity determination by Pycnometer”** should be renamed as **“Determination of Specific Gravity”** in Semester III, **Subject Code: AG3366 Subject Name: Soil Science Laboratory.**

The BOS member **Dr. T. Senthil Kumar**, suggested that Fourth Semester **Subject Code: AG3462 Subject Name: Irrigation and Drainage Engineering** syllabus Unit I title water resources and irrigation requirement should be renamed as **“Irrigation Requirements”** and the topic **“Tank Irrigation”** should be included in Unit III.

The BOS member **Dr. V. Murugaiyan**, suggested to interchange Unit III & Unit V in the Fourth Semester **Subject Code: AG3431 Subject Name: Strength of Materials for Agricultural Engineering** and the topics **Double integration method, Macauley’s method** should be removed and application in Agricultural Structures should be included in **Unit IV.**

The BOS member **Dr. T. Senthil Kumar**, suggested to change seeds in second experiment title as **“Seed Moisture”** and Ninth Experiment title as **“Post Harvesting Practices”** in the Fourth Semester **Subject Code: AG3464 Subject Name: Crop Husbandry Laboratory.**

The BOS member **Dr. V. Murugaiyan**, suggested to change 7th , 9th and 11th experiments title as “Layout of Drip irrigation system , Layout of Sprinkler irrigation system and Study of Greenhouse Irrigation System design” respectively in Semester IV, **Subject Code: AG3465**
Subject Name: Irrigation Field Laboratory.

FC 3.02	To consider and approve the curriculum syllabi of PG degree programme of I to IV semester to be offered under new regulation R - 2023. M.E - STRUCTURAL ENGINEERING
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The BOS member **Dr. V. Murugaiyan**, suggested to make the topic “**two and multi degree of freedom system**” common for both free and forced vibrations in Unit – II in the subject **ST3162 – Structural Dynamics and Earthquake Engineering** in M.E – Structural Engineering.

The BOS member **Dr. V. Murugaiyan**, suggested to change **UNIT – I** topic as Design Methodology in **ST3163 – Advance Concrete Structures** in M.E Structural Engineering from “Design Philosophy”

The BOS member **Dr. B. Palani**, suggested to include the experiment “**Design and drawing of RC T beam bridge**” in ST3165 – Structural Design and Drawing Laboratory

The BOS member **Dr. B. Palani**, suggested to change the subject title **Subject Code: ST3262- Subject Name : “Design of Industrial Structures”** as “**Industrial Structures**” .

FC 3.03	To discuss and approve to CO & PO mapping
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The BOS members **Dr. B. Palani & Dr. S. V. Srinivasan** Suggested to provide three Programme Outcomes and three Programme Specific Outcomes related to skills, knowledge and analytical ability attitude and behavior with reference to Anna University

FC 3.04	Any other points by the permission of chair person
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The BOS members suggested that, the number of Mathematics course reduced to 2 and focus to introduce more core subjects also suggested that, the fundamental subjects can be started from 2nd semester onwards

The BOS member **Dr. T. Senthilkumar** suggested that only one Mathematics is sufficient for Agricultural Engineering students.

The members mentioned that, the points discussed in agenda FC 3.04 may be consider for the next revision of curriculum and syllabus regulations.

The Chairman summarized the various decisions taken by the Board of Studies and K.Tharini thanked all the members for their active participation and valuable suggestions on various points discussed in the meeting.

The meeting came to end at 1.30 pm.

Sr. No.	Name & Designation	Signature
1.	Dr. V. Murugaiyan Professor & Head Department of Civil Engineering Puducherry Technological University Pillaichavadi, Puducherry-605 014.	V. Murugaiyan 8/4/23
2.	Dr. B. Palani Professor Department of Civil & Structural Engineering Annamalai University Chidambaram-608 002.	B. Palani 8/4/23.
3.	Dr. S. V. Srinivasan Sr. Principal Scientist & Deputy Head CSIR-Central Leather Research Institute, Adyar, Chennai-600 020	S.V. Srinivasan 8/4/23
4.	Dr. T. Senthil Kumar Principal Scientist (Farm Machinery) Regional Centre ICAR- Central Institute of Agricultural Engineering Coimbatore-641 007	T. Senthil Kumar 08/04/2023
5.	Mr. S. Janakumaran Project Director National Highways Authority of India Guindy, Chennai-600 032	S. Janakumaran
6.	Dr. V. Ramji Assistant Professor(Sr.G) Center for Water Resources Anna University, Chennai 600 025	V. Ramji 10/4/23
7.	Mr. D. Anand Civil & Structural Engineer Archetype India, Aminjikarai, Chennai-600 029	D. Anand 8/4/2023
8.	Dr. A. Leema Rose Associate Professor & Head-Agri	A. Leema Rose 8/4/23
9.	Ms. S. MohanaSundari Assistant Professor (Sr.G)	S. MohanaSundari 8/4/23


Dr. D. ELANGO 8/4

CHAIRMAN

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