

DHANALAKSHMI SRINIVASAN ENGINEERING COLLEGE
(AUTONOMOUS)



[Approved by AICTE & Affiliated to Anna University, Chennai]
Accredited with 'A' Grade by NAAC, Accredited by TCE
Accredited by NBA with BBE, ECE & EEE
PERAMBALUR - 621 012, Tamil Nadu.
website : www.dseengg.ac.in



DEPARTMENT OF CIVIL ENGINEERING

Ref: DSEC/BOS/ 12th April/2023

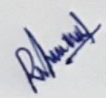


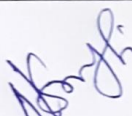


Date: 12.04.2023

MINUTES OF BOARD OF STUDIES

The Third board of studies meeting for the department of civil engineering was held on 12.04.2023 from 10.30 am to 11.30 am at agri committee hall, with head of the department as the chair. The following members were present for BoS meeting.

Meeting Link: <https://meet.google.com/bov-jbhq-tip>

| S.NO | NAME OF THE MEMBER WITH DESIGNATION AND OFFICIAL ADDRESS | RESPONSIBILITY IN THE BOS | SIGNATURE |
|--------------------------|---|---------------------------|-----------|
| 1. | Dr.S.Gopinathan, Professor & Head, Department of Civil Engineering | Chairman | |
| EXTERNAL MEMBERS: | | | |
| 2. | Dr. G.Swaminathan, Professor, Department of Civil Engineering, NIT, Trichy | University Nominee | |
| 3. | Dr.P.Jayabalan, Professor, Department of Civil Engineering, NIT, Trichy | Academic Expert | |
| 4. | Dr.C.Sivaprakasam, Professor, Department of Civil Engineering, Kare, Krishnakoil | Academic Expert | |
| 5. | Er.S.Sivakumar, Executive Engineer, PWD - WRO, Thanjavur. | Industrial Expert | |
| INTERNAL MEMBERS: | | | |
| 6. | Mrs.G.Preethi Sindhu, Assistant Professor, Department of Civil Engineering, Dhanalakshmi Srinivasan | Member | |

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| | Engineering College. | | |
| 7. | Mr.R.K.Manikandan, Assistant Professor, Department of Civil Engineering, Dhanalakshmi Srinivasan Engineering College. | Member |  |
| 8. | Mrs. Bhavani, Assistant Professor, Department of Civil Engineering, Dhanalakshmi Srinivasan Engineering College. | Member |  |
| 9. | Mr.B.Manibalu, Assistant Professor, Department of Civil Engineering, Dhanalakshmi Srinivasan Engineering College. | Member |  |
| 10. | Ms.N.Sunmathi, Assistant Professor, Department of Civil Engineering, Dhanalakshmi Srinivasan Engineering College. | Member |  |
| 11 | Mrs R.Jeevika Assistant Professor, Department of Civil Engineering, Dhanalakshmi Srinivasan Engineering College. | Member |  |
| 12 | Mrs.S.Sharmila Assistant Professor, Department of Civil Engineering, Dhanalakshmi Srinivasan Engineering College. | Member |  |

Agenda:

- Introduction about the Institution and Department.
- To discuss the curriculum structure of R2023.
- To discuss B.E- Civil Engineering Curriculum (I to VIII) under Autonomous Regulation 2023 for the students admitted in the academic year 2023-2024 (First Year).
- To discuss and approve the evaluation system.
- To discuss the uniqueness of the curriculum.

Minutes of Meeting:

Introduction

- It is started with welcome address and was the eternal members are greeted and the introduction of external members were delivered by Miss N.Sunmathi Asst Prof dept of civil engineering and the curriculum and syllabi presentation was handed over to Dr.S.Gopinathan, Chairman (BoS)

Based on the suggestions given by the members, it is resolved to approve the syllabi with following modifications:

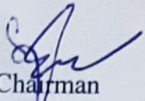
| Expert Members | Suggestions and Recommendations | Action Taken | Justification |
|--|--|--------------|--|
| Dr. G.Swaminathan, Professor, NIT, Trichy | Engineering Geology: combine the course Construction Material. | Accepted | Combined: Two units allotted for Engineering Geology and three units allotted for Construction Materials. |
| | Water Supply: Portable Water treatment related topics to be added in unit 4. | Accepted | Suggestion taken into Consideration. Water and Wastewater Engineering is separated and introduced in semester IV Water Supply Engineering, portable water treatment topics are added in unit 3. |
| | Surveying: reduce the content of syllabus. | Retained | Topics covered in the syllabus were most important for preparing Government exams. |
| Dr.C.Sivaprakasam, Kare, Krishnakoil | Total credit 163 doesn't match with summary. | Accepted | Cross verified and Corrected, now total summary of credits is 167. |
| | Increase credit for Project work. | Retained | Two theory subject available along with project. |
| | Artificial Intelligence in Civil Engineering: too early to study and more advanced concepts. | Retained | For the future consideration of Civil Engineering students this subject introduced. |
| | Fluid Mechanics and Hydraulics Lab: change the Fluids and Hydraulics Laboratory along with their respective theory papers. | Accepted | Fluid Mechanics and Hydraulic Machinery theory paper exist in 3 rd & 4 th semester, for continuity and easy understanding lab provided in 4 th semester and laboratory subject name is revised as Fluid Mechanics and Hydraulic Engineering Laboratory. |

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| | Environmental Science and Engineering: change from professional core to open elective. | Retained | Environmental Science and Engineering paper is allotted under general science for our institution. |
| | Strength of Materials Laboratory Lab: Change course Outcome. | Accepted | IV Semester Strength of Materials Laboratory name is revised as Material Testing Laboratory and Course Outcome changed, also added in syllabus. |
| | Computer Aided Analysis and Design Laboratory: Focus on steel structure design also. | Accepted | In semester VI Computer Aided Analysis and Design Laboratory, two topics plate girder bridges and hemispherical steel tanks is added. |
| | Water Resource: syllabus majorly based on management try to change. | Accepted | Taken into consideration in vertical 1 under Water Resource, management papers reduced and four engineering papers are introduced – Hydrology and Water Resources Engineering, Groundwater Engineering, Water Resources Systems Engineering and Urban Water Infrastructure. |
| | Water Quality and Management: Add management related concepts also. | Accepted | Management related topics are added in Unit 5. |
| Dr.P.Jayabalan, Professor, Department of Civil Engineering, NIT, Trichy | Unit 5 from Strength of Materials II and unit 1 from Structural Analysis I are similar, change any one. | Accepted | In semester V, Structural Analysis I unit 1 syllabus is changed. |
| | Design of Steel Structures: Add Gantry Girder related topics. | Accepted | Semester VI Design of Steel Structures Gantry Girder design is added in unit 5. |
| Er.S.Sivakumar, Executive Engineer, PWD – WRO, Thanjavur. | Lab Credits has to increase. | Retained | Total Credits are managed as per norms. |
| | Lab: Change course Outcome has to be missed in the SM Lab. | Accepted | IV Semester Strength of Materials Lab Course Outcome changed and also added in syllabus. |

General Discussion:

Board of Studies recommended the above resolutions to be presented in Academic Council for further Approval.

Dr.S.Gopinathan, Chairman (BoS) thanked all the members for the kind cooperation and the meeting came to end



Chairman

Board of Studies