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Mannivakkam, Chennai – 600 048

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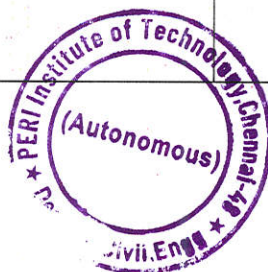
DEPARTMENT OF CIVIL ENGINEERING

BOARD OF STUDIES – FIRST MEETING

MINUTES OF MEETING

The first Board of Studies (BoS) meeting of the Department of Civil Engineering was conducted on **12/08/2024** at BETA Block Conference Hall, PERI Institute of Technology at 11.00 am (IST). The following members were present in the meeting,

S.No	Name of the Member	Designation
1	Dr. P. Sampath Associate Professor Department of Civil Engineering	Chairman
2	Dr. S. Greeshma Professor, Department of Civil Engineering, Anna University, Chennai	Subject Expert University Nominee
3	Dr. J. Revathy Professor & Dean (Research), Department of Civil Engineering, Crescent Institute of Science and Technology, Vandalur, Chennai	Subject Expert from outside the Parent University
4	Dr. M. Helen Santhi Professor, School of Civil Engineering, Vellore Institute of Technology, Chennai	Subject Expert from outside the Parent University
5	Ms. Balasaraswathi Ilango HEAD EDRC Factories Design, Larson & Toubro Ltd, Chennai	Industrial Expert
6	Ms. S. Sathiya Priya Data Analyst, DBM Vircon, Chennai	Alumni
7	Mr. B. Magesh Vice Principal	Internal Subject Expert
8	Mr. M. Pitchi Rajan Assistant Professor, Department of Civil Engineering	Internal Subject Expert



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9	Ms. N. Thangam Assistant Professor Department of Civil Engineering	Internal Subject Expert
10	Ms. C. Lavanya Assistant Professor Department of Civil Engineering	Internal Subject Expert
11	Mr. G. Naga Subramanian Assistant Professor Department of Civil Engineering	Internal Subject Expert
12	Mr. D. Manoj Kumar Assistant Professor Department of Civil Engineering	Internal Subject Expert
13	Ms. E. Ezhilarasi Assistant Professor Department of Civil Engineering	Internal Subject Expert





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AGENDA OF FIRST BOARD OF STUDIES MEETING

1.1 Welcome Address

The Chairman of Board of Studies welcomed the external members of Board of Studies of the Department of Civil Engineering and introduced the agenda of the meeting.

1.2 Introduction to Institution and Department

The Chairman of Board of Studies presented the information about the overview of institution and the department to the external members.

1.3 Introduction about members of Board of Studies

The Chairman of Board of Studies gave an introduction of the external members and introduced the internal members to them.

1.4 Presentation of Curriculum

The Curriculum framework was presented to the members of Board of studies for discussion, review and resolutions were made based on the suggestions given by the members.

1.5 Presentation of Syllabus – 1st and 2nd semester

The Curriculum framework was presented to the members of Board of studies for discussion, review and changes were made based on the suggestions given by the members.

1.6 Summary of suggestions given on Curriculum and Syllabus

The suggestions given by all the external members of Board of Studies were summarized for the confirmation of changes in the Curriculum and Syllabus

1.7 Felicitation of members of Board of Studies

The external members of the board of studies were felicitated by the Vice Principal, PERI Institute of Technology.





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The comments and suggestions provided by the Board of Studies (BoS) members after reviewing the curriculum and syllabus, are in listed in below minutes of meeting:

1. For Laboratory courses, the ratio of Internal Assessment and External Assessment can be changed from 50:50 to 60:40 giving more weightage for Internal Assessment.
2. For Project work, the ratio of Internal Assessment and External Assessment can be changed from 50:50 to 60:40 giving more weightage for Internal Assessment.
3. The course title for “Fundamentals of Computers” in Semester I can be changed. Also, content related to basic programming can be included.
4. The course title for “Tamils and Technology” in the Semester II can be changed. Credit for the course can be revised. Also, for the mandatory course Environmental Science and Engineering credit can be revised.
5. The course title for “Computer Aided Drawing of Structures Laboratory” in the Semester III can be changed.
6. The course title for “Computer Aided Modelling of Structures Laboratory” in the Semester IV can be changed.
7. The total credits “170” in the curriculum framework can be reduced. It can be made almost equal to the other under graduate programmes offered by the institution.
8. Additional courses related to Geoinformatics can be included under Professional Core category changing one or two such courses from Professional Elective category.
9. Internship can be in 1 semester only preferably semester VII and the internship in the semester VIII can be removed.
10. The syllabus of the course “Surveying” in Semester I can be revised with removing the conventional chain surveying and adding modern surveying using Total station.



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11. The syllabus of the course “Building Planning and Architecture” in Semester II can be revised with combining two units of architecture into one, increase content of planning.
12. In the course “Construction Materials and Machinery” in Semester III, the construction machinery part can be combined with the course “Construction Techniques and Practices” in Semester V. Also, the name of the course in Semester III can be changed.
13. Instead of two courses “Transportation Engineering I” in Semester V and “Transportation Engineering II” in Semester VI, both can be combined to one course “Transportation Engineering” in Semester VI, in which 3 units can be Highway Engineering, 4th unit as Railway Engineering fundamentals and 5th unit as Airports and 6th unit as Harbour and Docks. The detailed content each area of Transportation Engineering can be given as Professional Elective courses.
14. The Professional Core course “Advanced Design of Concrete and Steel Structures” in Semester VII can be taken to Professional Elective course. Instead of which “Hydrology” can be added as Professional Core course in Semester VII.
15. The course title for Project Work in Semester VII and VIII can be changed to “Project Work I” in Semester VII and “Project Work II” in Semester VIII.





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SUGGESTIONS AND RESOLUTION ON REGULATIONS

S.No	Suggestions	Resolution
1	For Laboratory courses, the ratio of Internal Assessment and External Assessment can be changed from 50:50 to 60:40 giving more weightage for Internal Assessment	The suggestion will be represented in the Academic Council
2	For Project work, the ratio of Internal Assessment and External Assessment can be changed from 50:50 to 60:40 giving more weightage for Internal Assessment	The suggestion will be represented in the Academic Council

SUGGESTIONS AND RESOLUTION ON CURRICULUM

S.No	Suggestions	Resolution	Reference
1	Course title for “Fundamentals of Computers” in Semester I can be changed. Also, content related to basic programming can be included.	The course title is changed to “Fundamentals of Programming for Problem Solving”	Annexure 1 Page 1
2	Course title for “Computer Aided Drawing of Structures Laboratory” in Semester III can be changed.	The course title is changed to “Computer Aided Building Drawing Laboratory”	Annexure 1 Page 2
3	Course title for “Computer Aided Modelling of Structures Laboratory” in Semester IV can be changed.	The course title is changed to “Computer Aided Building Modelling Laboratory”	Annexure 1 Page 2
4	Course title for “Computer Aided Analysis of Structures Laboratory” in Semester V can be changed.	The course title is changed to “Computer Aided Analysis and Design Laboratory”	Annexure 1 Page 3
5	The course title for “Tamils and Technology” in the Semester II can be changed.	Course Tamils and Technology (தமிழரும் தொழில்நுட்பமும்) is framed with reference to the course earlier in the affiliated university curriculum.	Annexure 1 Page 1



SUGGESTIONS AND RESOLUTION ON CURRICULUM (cont.)

S.No	Suggestions	Resolution	Reference
6	The total credits “170” in the curriculum framework can be reduced	The total credits are reduced and finalized to “168” as per the suggestions of external experts	Annexure 1 Page 4
7	Courses related to Geoinformatics can be increased under Professional Core Category	“Remote Sensing and GIS” course included in semester VI under PCC category	Annexure 1 Page 3
8	Internship can be in 1 semester only preferably semester VII and the internship in the semester VIII can be removed.	Based on the internal discussions it is preferred have Internships in Semester VII and VIII for better exposure to field experience. The suggestion of external experts will be represented in the Academic Council for final decision.	Annexure 1 Page 4
9	Syllabus of the course “Construction Materials and Machinery” in Semester III can be revised	As per the suggestion, the title of the course is changed to “ Sustainable Construction Materials ”. The construction machinery part earlier in the syllabus is combined with the course “Construction Techniques and Practices” in Semester V and the title of the course is changed to “ Construction Techniques, Machinery and Practices ”.	Annexure 1 Page 3
10	Changes can be made in Transportation Engineering courses	As per the suggestion, “Transportation Engineering I” in Semester V and “Transportation Engineering II” in Semester VI, both can be combined to one course “ Transportation Engineering ” in Semester VI. The courses “Design of Pavements” and “Railway, Airport and Harbour Engineering” are added to Professional Elective courses.	Annexure 1 Page 3



SUGGESTIONS AND RESOLUTION ON CURRICULUM (cont.)

S.No	Suggestions	Resolution	Reference
11	Changes can be made in the Professional Core courses in Semester VII	As per the suggestion, the Professional Core course “ Advanced Design of Concrete and Steel Structures ” in Semester VII is taken to Professional Elective course. Instead of which “ Hydrology ” is added as Professional Core course in Semester VII.	Annexure 1 Page 4
12	The course title for Project Work in Semester VII and VIII can be changed	As per the suggestion, the title of the courses are changed to “Project Work I” in Semester VII and “Project Work II” in Semester VIII.	Annexure 1 Page 4

SUGGESTIONS AND RESOLUTION ON SEMESTER I AND II SYLLABUS

S.No	Suggestions	Resolution	Reference
1	Syllabus of the course “Surveying” in Semester I can be revised	As per the suggestion Total station surveying is included as Unit VI and also experiments using total station in practical component.	Annexure 2 Page 1
2	Syllabus of the course “Building Planning and Architecture” in Semester II can be revised	As per the suggestion, two units of architecture are combined into one, increasing content of building planning by adding Building Planning Principles as Unit II	Annexure 2 Page 4



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BOS resolved to recommend the curriculum and syllabus to the Academic Council for further approval.



Dr. S. Greeshma

Professor,

Department of Civil Engineering,

Anna University, Chennai

University Nominee



12.08.2024

Dr. J. Revathy

Professor & Dean (Research),

Department of Civil Engineering,

Crescent Institute of Science and Technology,

Vandalur, Chennai

External Subject Expert



Dr. M. Helen Santhi

Professor,

School of Civil Engineering,

Vellore Institute of Technology, Chennai

External Subject Expert



Ms. Balasaraswathi Ilango

HEAD EDRC Factories Design,

Larson & Toubro Ltd, Chennai

Industrial Expert



Ms. S. Sathya Priya

Data Analyst,

DBM Vircon, Chennai

Alumni



Dr. P. Sampath

Associate Professor

Department of Civil Engineering

Chairman – BoS for Civil Engineering



Mr. B. Magesh

Vice Principal

Internal Subject Expert



Mr. M. Pitchi Rajan

Internal Subject Expert



Ms. N. Thangam

Internal Subject Expert



CHAIRMAN

Board of Studies

Department of CE

PERI Institute of Technology (A)

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