



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

DEPARTMENT OF CIVIL ENGINEERING

MINUTES OF THE MEETING OF FOURTH BOARD OF STUDIES MEETING HELD ON 24-09-2022 AT 11:00 AM IN PHYSICAL AND ONLINE MODE TOWARDS CONSIDERING THE PROPOSED R2021 UG PROGRAMME, B.E. - CIVIL ENGINEERING CURRICULUM & SYLLABI (R 2020 VII SEMESTER AND VIII SEMESTER), PG RELATED AMENDMENTS AND DISCUSSIONS IN THE DEPARTMENT OF CIVIL ENGINEERING.

Platform: Microsoft Teams

Meeting Link: <https://tinyurl.com/2ajaedwh>



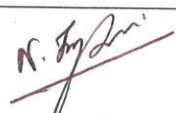







Dr. R. Lakshmi / Head of the Department - (Department of Civil Engineering) welcomed all the members of the Board of Studies and Faculty members of Civil Engineering department to the fifth BOS meeting.

The following members were present:

S.No	Name of the Expert	Designation	Capacity
1	Dr. S.Arulmary	Professor Department of Civil Engineering Thiagarajar College of Engineering Madurai	Anna University Nominee
2	Dr.S.Jayalekshmi	Professor Department of Civil Engineering NIT Trichy	Expert member Nominated by Academic council

3	Dr.G.Janarthanan	Associate Professor Center for Environmental Management NITTTR CSIR Road Chennai	Expert member Nominated by Academic council
4	Er.L.Balaji	International Professional Engineer & Registered Valuer	Industrialist Nominee
5	Er.J.Jeyapraveen	JPJ Constructions, Madurai	Alumni Nominee

Internal Members of BoS – CIVIL Department

S.No	Name	Designation
1.	Dr.R.Lakshmi	Professor and Head / CIVIL, Chairman of BoS – CIVIL 
2.	Dr. S.P.Murali Kannan	Assistant Professor / CIVIL Department BOS Co ordinator 
3	Dr N.Jegan Durai	Assistant Professor / CIVIL Co ordinator – UG Courses 
4.	Dr.P.Ganesh Prabhu	Assistant Professor / CIVIL 
5.	Mr.P.Ponkarthikeyan (Ph.D.,)	Assistant Professor / CIVIL 
6.	Mr.D.Velumani (Ph.D.,)	Assistant Professor / CIVIL 
7.	Mr.M.Subahar (Ph.D.,)	Assistant Professor / CIVIL 
8.	Ms.S.Brintha	Assistant Professor / CIVIL 
9.	Mr.K.Hariharan	Assistant Professor / CIVIL 
10.	Ms.B.S.Nivethitha	Assistant Professor / CIVIL 

Dr.R.Lakshmi (Head of the Department) Department of Civil Engineering welcomed the gathering and gave a brief introduction about the Expert members, alumni and faculty members from the Department of Civil Engineering, and the programme agenda. Dr.S.P.Murali Kannan (Department BOS Co-ordinator) presented about the R2020 UG Programme curriculum and syllabi of 7th and 8th semester of Civil Engineering and Mr.N.Jegan Durai (Co-ordinator UG Courses) presented the R 2021 Curriculum

Discussions and Recommendations:

- HOD/CIVIL gave a brief presentation about the department and review of the Minutes of the Fourth BoS meeting. Recommendations of the committee and relevant implications were presented to the committee. Fourth BoS recommendations were reviewed and accepted by the committee.
- Based on the feedback on curriculum from various stake holders, the adoption of specialized professional elective courses such as Building Information Modelling in Construction and Application of Data Science - AI/ML in Civil Engineering was discussed. Committee members emphasized about the fundamental training essential to take up these courses. The basic course on Artificial Intelligence as open elective during the sixth semester and Training on BIM Modelling as value added course was explained to the committee.
- R2020 UG Programme curriculum and syllabi of 7th and 8th semester of Civil Engineering was presented by Dr S P Muralikannan.
- Dr.N.Jegan Durai presented the R2021 UG Curriculum, B.E. - Civil Engineering for B.E. - CIVIL (4th to 8th semester) and syllabus of fourth semester B.E.Civil Engineering course.

Minutes of Meeting of Fifth BoS Meeting:

5th BOS minutes

Name	Comments
Dr. S. Arul Mary	<ul style="list-style-type: none"> • ArcGIS, QTO should be considered for Value Added courses to improve the employability in the present scenario. • Professional Elective courses shall include courses from Naan Mudhalvan scheme. Existing professional elective courses were discussed. Design and Construction of Steel Structures, Tall Structures should be added in the relevant verticals. • Renaming of the course Earth quake resistant structure as “Structural Dynamics and Seismic Resistant Structure”. • Syllabus of the Structural Design and Detailing was discussed. Staad Pro software training and application in design project was explained. Recommended to include software like Abaqus (UG & PG courses) Ansys, Nastran , Simian (Software for Stability of Structures) for PG course • Students should be encouraged to participate in INSTAG project competition • Prefabricated structures to be included in the Structural Systems and Design verticals instead of Steel concrete composites.
Dr. S.Jayalekshmi Professor, Department of Civil Engineering NIT Trichy	<ul style="list-style-type: none"> • Soil dynamics to be included in the subject Soil Structure Interaction- in syllabus framing • Minor corrections in R2020 7th Semester syllabus was pointed out.
Er. J. Jeya Praveen JPJ Constructions Madurai	<ul style="list-style-type: none"> • Urban planning and Development & Smart cities – Courses and syllabus should be taken care about the similarities. • Emphasized that introduction about Main project during seventh semester was a good practice and gives scope for detailed experimental/analytical part of the project work.
Dr. G. Janardhanan Associate Professor, Center for	<ul style="list-style-type: none"> • Arc GIS, Q GIS software Training programme to be introduced in the corresponding professional elective

Environmental Management, NITTTR, CSIR Road, Chennai	<ul style="list-style-type: none"> • Arrangement of verticals in Environmental and Water Resources domain were compared.
Er. L. Balaji International Professional Engineer & Registered Valuer , Balaji & Associates, Madurai	<ul style="list-style-type: none"> • Recommended that Carbon rating to be included in Green building syllabus • Field visits to ELCOT IT parks regarding Urban planning and Development to be planned for final year Civil Engineering students. He also highlighted the Urban Planning in Gandhinagar, Gujarat. • Consultancy opportunities in the field of Advanced Surveying practices such As Total Station Surveying, DGPS Surveying and Resource person to conduct these trainings was discussed.

Date of next Meeting:

The tentative date for the Next BoS Meeting (CIVIL Board) is proposed during May 2023.

The meeting ended with the Vote of Thanks by Dr.R.Lakshmi, Head of the Department.



Dr. S.P. Murali Krishna

BoS Co-ordinator



(Dr. R.Lakshmi)

BoS Chairman – HOD / CIVIL