

Department of Civil Engineering

MINUTES of the 22nd Meeting of the Board of Studies held on
01st June 2026, 10:00 am

Venue: COE office conference Hall
National Engineering College, K.R.Nagar, Kovilpatti – 628503

National Engineering College, K.R.Nagar, Kovilpatti – 628 503
(An Autonomous Institution - Affiliated to Anna University, Chennai)
www.nec.edu.in

National Engineering College, K.R.Nagar, Kovilpatti– 628503
(An Autonomous Institution -Affiliated to Anna University, Chennai)
www.nec.edu.in

**22nd Board of Studies Meeting in the Department of
Civil Engineering**

Venue: COE office conference Hall
National Engineering College, K.R.Nagar, Kovilpatti– 628503

Date & Time: 01.06.2026 & 10.00 am

Agenda

BoS / CIVIL22.1	:	Welcome address and Opening Remarks by Chairman, Board of studies in the department of Civil Engineering
BoS / CIVIL22.2	:	Confirmation of the Minutes of the 21 st meeting of Board of studies in the department of Civil Engineering held on 21 st November 2025 and Action taken report of 21 st Board of studies meeting.
BoS / CIVIL22.3	:	Business brought forward by the Chairman, Board of studies ✓ Consider and approve the Syllabi of VII semester Courses, ✓ Elective Courses ✓ Feedback analysis of R2023 Civil Engineering Curriculum
BoS / CIVIL22.4	:	Any other items
BoS / CIVIL22.5	:	Suggestions given by the BoS Members

National Engineering College, K.R.Nagar, Kovilpatti – 628 503
(An Autonomous Institution - Affiliated to Anna University, Chennai)
www.nec.edu.in

F. No. 1-1/NEC/Civil Engg.

01.06.2026

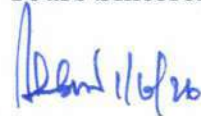
Dear Sir/Madam,

Sub: Minutes of the 22nd Meeting of the Board of Studies in the Civil Engineering - Reg.

Kindly find attached herewith the Minutes of the 22nd Board of studies Meeting of the Civil Engineering Programme of National Engineering College, K.R.Nagar, Kovilpatti – 628503 held on 01.06.2026 at 10.00AM in COE office Conference Hall, National Engineering College. Hard copy of the Minutes is also being sent to you by speed post.

It is requested that comments on the Minutes, if any, may please be sent by email at hodcivil@nec.edu.in or by post, at the earliest. If no comments are received, within ten days, the Minutes shall be taken as confirmed. With Kind Regards,

Yours Sincerely



Dr. I. Padmanaban

Dr. I. PADMANABAN, M.Tech., Ph.D.,
Professor & Head
Department of Civil Engineering
National Engineering College,
Kovilpatti-628503

Department of Civil Engineering

MINUTES OF THE MEETING

The 22nd Board of Studies meeting of the Civil Engineering programme was held on 01st June, 2026 at 10:00am in COE office Conference Hall, National Engineering College, K.R.Nagar, Kovilpatti- 628503.

The following members were present:

1	Dr.I.Padmanaban, Professor&Head/Civil	Chairman
2	Dr.R.Prakash , Associate Professor, Department of Civil Engineering, Alagappa Chettiar Government college of Engineering and Technology, Karaikudi-630003.	University Nominee
3	Dr.R.Senthil , Professor, Department of Civil Engineering, Anna University (CEG campus), Chennai -600 025	Academic Expert
4	Dr. R.Manjula , Associate Professor, Department of Civil Engineering, National Institute of Technology, Tiruchirapalli - 620015	
5	Dr.M.Ashok , Scientist, Corrosion and Materials Protection Division, CSIR-CECRI, Karaikudi-630003	Scientist from Central Research Lab
6	Dr.B.Arunsundaram , Principal Scientist, Structural Engineering Research centre, Chennai-600113	
7	Mr.P.Arun Perumal , Geo-Technical Consultant, Ayyan Associates, Chennai-82	Industrial Expert
8	Mr.N.Ranjit Raj, (Alumnus) Engineer -Civil & Structural, Avant Grade Systems and Controls private Limited, Chennai	

9	Dr.V.Kannan, Prof-Civil	Internal Members
10	Dr.C.Chella Gifta, Asso.Prof-Civil	
11	Mr.V.Arulpandian., AP(SG)-Civil	
12	Mrs.M.Balamaheswari, AP(SG)-Civil	
13	Mr.B.Gowtham., AP-Civil	
14	Mr.S.Kannan AP-Civil	
15	Mrs.P.Rajapriya AP-Civil	
16	Mrs.S.M.Leela Bharathi AP-Civil	
17	Mr.P.Satheesh Kumar AP-Civil	
18	Ms.K.Bavithra AP-Civil	
19	Mr.V.Krishna Sankar AP-Civil	
20	Ms.P.Shiny Joy, Final year	Student Members
21	Ms.M.Vinodhini, Final year	

BoS / CIVIL 22.1 : WELCOME ADDRESS AND OPENING REMARKS BY CHAIRMAN,
BOARD OF STUDIES IN THE DEPARTMENT OF CIVIL
ENGINEERING

The Chairman, BoS of the Civil Engineering welcomed and introduced the members of 22nd Board of Studies and thanked each one of them for sparing their valuable time to attend the meeting.

BoS / CIVIL 22.2 : TO CONFIRM THE MINUTES OF TWENTY FIRST BOS MEETING
HELD ON 21st NOVEMBER, 2025

The minutes of the **Twenty First Board of Studies meeting** held on 21st November, 2025 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the 24th Academic council meeting.

➤ **Action Taken Report**
(Enclosed in Annexure I)

BoS / CIVIL 22.3 : **To CONFIRM AND APPROVE SYLLABI OF VII SEMESTER COURSES, ELECTIVES AND FEEDBACK ANALYSIS FOR B.E. CIVIL ENGINEERING CURRICULUM OF R 2023.**

RESOLVED TO approve the Syllabi of VII semester courses, electives and feedback analysis for B.E. Civil Engineering under R 2023

BoS / CIVIL 22.4 : **ANY OTHER ITEMS, IF ANY, WITH THE PERMISSION OF THE CHAIRMAN OF THE BOS**

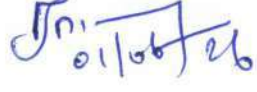
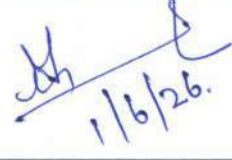
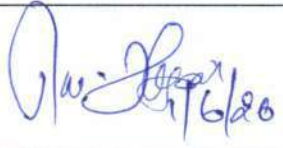
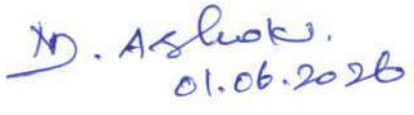
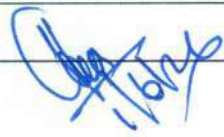
The BoS members had a discussion with the internal members regarding the VII semester syllabi, elective and feedback analysis for R-2023.

BoS / CIVIL 22.5 : **SUGGESTIONS GIVEN BY THE BOS MEMBERS**

- 22.5.1 The Board members appreciated the introduction of the elective course Sustainable Construction Management. They suggested conducting a detailed comparison with the existing course Sustainable and Lean Construction to ensure clear differentiation and avoid any overlap in course content.
- 22.5.2 The members recommended including relevant NPTEL courses in the reference section of the Sustainable Construction Management course syllabus to enhance learning resources for students.
- 22.5.3 The members were briefed on the structure and implementation of the Product Development Practice Lab, Mini Project, and Capstone Project. The members expressed their appreciation for the systematic review process, particularly the involvement of a Patent Attorney in evaluating project outcomes and innovation potential.
- 22.5.4 The members suggested offering the NPTEL course "MATLAB for Beginners" prior to the commencement of the course Simulation Using Modern Tools to facilitate better understanding and improve student preparedness.
- 22.5.5 The Board recommended introducing foreign language courses such as Japanese, German, and French in the forthcoming curriculum to enhance students' global employability and communication skills.
- 22.5.6 The members advised revising the Biology for Engineers course to better align with the requirements of Civil Engineering students and recommended offering it as a 2-credit course in the next curriculum revision.
- 22.5.7 One of the expert members suggested incorporating the application of Advanced Excel in relevant design courses to strengthen students' analytical and computational skills.
- 22.5.8 The Board recommended offering TEKLA Software and Matrix Method Approach as one-credit value-added courses to enhance students' industry-oriented technical competencies.
- 22.5.9 An expert member emphasized the importance of the GATE examination and encouraged all student members to appear for GATE irrespective of their placement aspirations, highlighting its significance for higher studies, career advancement, and opportunities in public sector organizations.
- 22.5.10 The students' feedback on the R2023 curriculum was presented to the Board of Studies members. The Board reviewed the suggestions provided by the students and recommended that the feasible recommendations to be considered during the next curriculum revision. The members also proposed additional modifications and improvements to further enhance the forthcoming curriculum.

Based on the suggestions and recommendations given by the members, BoS resolved to recommend the following to the Academic Council for further approval.

Members Present

Board Chairman	
Dr.I.Padmanaban, Professor & Head, Department of civil Engineering, National Engineering college, K.R.Nagar, Kovilpatti-628503.	 11/6/26
Academic Experts	
Dr.R.Prakash, Associate Professor, (University Nominee) Department of Civil Engineering, Alagappa Chettiar Government college of Engineering and Technology, Karaikudi-630 003.	 01/06/26
Dr.R.Senthil, Professor, Department of Civil Engineering, Anna University (CEG campus), Chennai -600 025	 11/6/26
Dr. R.Manjula, Associate Professor, Department of Civil Engineering, National Institute of Technology, Tiruchirapalli-620 015	 1/6/26.
Industrial Expert	
Mr.P.Arun Perumal, Geo-Technical Consultant, Ayyan Associates, Chennai-82	 1/6/26
Mr.N.Ranjit Raj, (Alumnus) Engineer -Civil & Structural, Avant Grade Systems and Controls private Limited, Chennai	 1/6/26
Scientist from Central Research Lab	
Dr.M.Ashok, Scientist, Corrosion and Materials Protection Division, CSIR-CECRI, Karaikudi-630003	 01.06.2026
Dr.B.Arumsundaram Principal Scientist CSIR-Structural Engineering Research Centre(SERC) Chennai-600 113	 1/6/26
Internal Members	
Dr.V.Kannan, Prof/Civil	 1/6/26

Dr.C.Chella Gifta Asso.Professor/Civil	
Mrs.M.Balamaheswari AP(SG)/Civil	
Mr.V.Arulpandian AP(SG)/Civil	
Mr.B.Gowtham AP/Civil	
Mr.S.Kannan AP/Civil	
Mrs.P.Raja Priya AP/Civil	
Mrs.S.M.Leela Bharathi AP/Civil	
Mr.P.Satheesh Kumar AP/Civil	
Mr.K.Bavithra AP/Civil	
Mr.V.Krishna Sankar AP/Civil	
Student Members	
Shiny Joy P IV Year Civil	
Vinodhini M IV Year Civil	

CHAIRMAN
Board of Studies

Dr. I.PADMANABAN, M.Tech., Ph.D.,
Professor & Head
Department of Civil Engineering
National Engineering College,
Kovilpatti-628503

ANNEXURE I

Action taken for Minutes of 22nd BoS Meeting

As per BoS Committee Suggestions,

- 1 The course Water Resources Engineering has been renamed as Water Resources and Irrigation Engineering and will be offered in the sixth semester.
- 2 The topic Biomining has been incorporated into the Geo-Environmental Engineering course.
- 3 The one-credit course Traditional Building Science has been removed from the curriculum.
- 4 The topic Covermeter has been included in the one-credit course Structural Health Monitoring.
- 5 The course Earth and Earth Retaining Structures has been renamed as Earth Retaining Structures.
- 6 The course Architecture and Town Planning has been removed and replaced with a new course titled Sustainable Construction Management.

Handwritten signature
16/26
Hoo/civil

Dr. L.PADMANABAN, M.Tech., Ph.D.,
Professor & Head
Department of Civil Engineering
National Engineering College,
Kovvur-517 003

22nd BOARD OF STUDIES MEETING - DEPARTMENT OF CIVIL ENGINEERING ON 21.11.2025

