

Department of Civil Engineering

MINUTES of the 16th Meeting of the Board of Studies held on
27th June 2023, 10:00 am

Venue: 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

Department of Civil Engineering

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16th Board of Studies Meeting in the Department of
Civil Engineering

Venue: Conference Hall

National Engineering College, K.R.Nagar, Kovilpatti– 628503

Date & Time: 27.06.2023 & 10.00 am

Agenda

BoS / CIVIL16.1	:	Welcome address and Opening Remarks by Chairman, Board of studies in the department of Civil Engineering
BoS / CIVIL16.2	:	Confirmation of the Minutes of the 15 th meeting of Board of studies in the department of Civil Engineering held on 29 th December 2022 and Action taken report of 15 th meeting of Board of studies
BoS / CIVIL16.3	:	Business brought forward by the Chairman, Board of studies 16.3.1 Consider and approve the Curricula of B.E. Civil Engineering under R 2023. 16.3.2 Consider and approve the syllabi of I semester B.E. Civil Engineering under R 2023.
BoS / CIVIL16.4	:	Any other items
BoS / CIVIL16.5	:	Suggestions given by the BoS Members

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

27.06.2023

Dear Sir/Madam,

Sub: *Minutes of the 16th Meeting of the Board of Studies in the Civil Engineering - Reg.*

Kindly find attached herewith the Minutes of the 16th Board of studies Meeting of the Civil Engineering Programme of National Engineering College, K.R.Nagar, Kovilpatti – 628503 held on 27.06.2023 at 10.00 AM in 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


27/6/23

Dr. V. Kannan

Department of Civil Engineering

MINUTES OF THE MEETING

The 16th Meeting of the Board of Studies of the Civil Engineering was held on 27th June 2023 at 10:00 am in Conference Hall conducted by Civil Department, National Engineering College, K.R.Nagar, Kovilpatti- 628503.

The following members were present:

1	Dr.V.Kannan Associate Professor-Civil	Chairman
2	Mrs. M.BalamaheSwari, AP-Civil	Internal Members
3	Mr.V.Arulpandian., AP-Civil	
4	Mr.B.Gowtham., AP-Civil	
5	Mr.S.Kannan., AP-Civil	
6	Mr.A.Darral Alfred., AP-Civil	
7	Mr.P.Kasirajan., AP-Civil	
8	Ms.K.Sneha, Final Civil Student	
9	Mr.R.Heman, Final Civil Student	
12	Dr.T.Baskaran, Professor, Department of Civil Engineering, Thiagarajar College of Engineering, Madurai-625 015.	University Nominee
13	Dr.K.Premalatha, Professor, Department of Civil Engineering, Anna University (CEG campus), Chennai -600 025	Academic Expert
14	Dr.T.Velrajan, Professor, Department of Civil Engineering, Thiagarajar College of Engineering, Madurai – 625 015.	Academic Expert
16	Mr.S.Chockalingam, Managing Director, G Spatial Technoogies, Chennai – 600 043	Industrial Expert

BoS / CIVIL 16.1	<p>: WELCOME ADDRESS AND OPENING REMARKS BY CHAIRMAN, BOARD OF STUDIES IN THE DEPARTMENT OF CIVIL ENGINEERING</p> <p>The Chairman, BoS of the Civil Engineering welcomed and introduced the members of 16th Board of Studies and thanked each one of them for sparing their valuable time to attend the meeting.</p>
BoS / CIVIL 16.2	<p>: TO CONFIRM THE MINUTES OF FIFTEENTH BOS MEETING HELD ON 29th DECEMBER, 2022</p> <p>The minutes of the Fifteenth Board of Studies meeting held on 29th December, 2022 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the 18th Academic council meeting.</p> <p style="text-align: center;">➤ Action Taken Report (Enclosed in Annexure I)</p>
BoS/CIVIL 16.3.1	<p>: TO CONSIDER AND APPROVE THE CURRICULA OF B.E. CIVIL ENGINEERING UNDER R 2023.</p> <p>RESOLVED TO approve the curricula of B.E. Civil Engineering under R 2023.</p>
BoS/CIVIL 16.3.2	<p>TO CONSIDER AND APPROVE THE SYLLABI OF I SEMESTER B.E. CIVIL ENGINEERING UNDER R 2023.</p> <p>RESOLVED TO approve the the syllabi of I semester B.E. civil Engineering under R 2023.</p>
BoS / CIVIL 16.4	<p>: ANY OTHER ITEMS, IF ANY, WITH THE PERMISSION OF THE CHAIRMAN OF THE BOS</p> <p>The BoS members had a discussion with the internal members regarding the Curriculum ,Sequencing of Courses and I semester syllabi under R-2019.</p>
BoS / CIVIL 16.5	<p>: SUGGESTIONS GIVEN BY THE BOS MEMBERS</p>

The suggestions given by the BoS Members are given by.

- 16.5.1 BOS members suggested to rename Introduction to Civil Engineering as Introduction to Engineering in Semester I
- 16.5.2 Experts advised to give appropriate name for I and II Courses based on course content for Tamil, Aptitude and Surveying.
- 16.5.3 Experts advised to rename Surveying I as Basics of Surveying.
- 16.5.4 Experts advised to change the course of Chemistry for Civil Engineers to Environmental Science and Engineering.
- 16.5.5 BOS members suggested to shift courses like Soil Mechanics for IV Semester and Basic Structural Analysis to V Semester.
- 16.5.6 BOS members advised to shift courses like Professional Ethics and Human Values and Principles of Management to Higher Semester.
- 16.5.7 Experts advised to keep any one of the Design Subject in V Semester among Design of Reinforced Concrete Structures and Design of Steel Structures.
- 16.5.8 BOS Members advised to add Foundation Engineering and Construction Management as Program Core Courses in V Semester and VI Semester respectively.
- 16.5.9 BOS members advised to prepare the list of Programme Elective Courses (PEC) and also to add Prestressed Concrete Structures to PEC.
- 16.5.10 In the Syllabus of Introduction to Engineering, course contents may be modified based on CO Statement as per BOS member's suggestions.
- 16.5.11 In the Syllabus of Basic Civil and Mechanical Engineering, BOS members recommended to modify the Course Content for CO1 based on the CO Statement
- 16.5.12 In general, the BOS members appreciate the efforts of modifying the courses as Integrated Theory and Laboratory Courses, Integrated Theory and Project Courses, Integrated Theory, Laboratory and Project Courses.

The members had a brainstorming discussion and interaction among themselves. After discussion, fruitful suggestions were incorporated appropriately in the Curriculum and Syllabi.


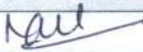

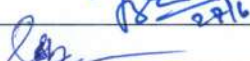
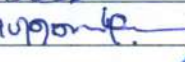


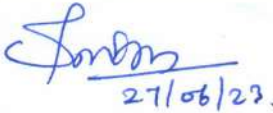

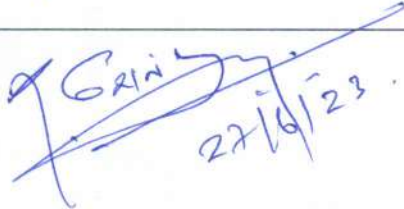

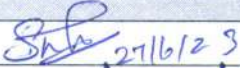

Based on the suggestions and recommendations given by the members, BoS resolved to recommend the following to the Academic Council for further approval.


- a) The Curricula and I semester Syllabi of B.E Civil Engineering Programme Under R 2023

Mrs.M.Balamaheswari AP-Civil thanked all the members for their kind cooperation and the meeting came to an end.

Mrs.M.Balamaheswari, AP - Civil, thanked all the members for their kind cooperation and the meeting came to an end.

Members Present

<i>Board Chairman</i>	
Dr.V.Kannan Associate Professor, Department of Civil Engineering, National Engineering College, K.R.Nagar, Kovilpatti-628503.	
<i>Internal Members</i>	
Mrs. M.Balamaheswari, AP - Civil	
Mr.V.Arulpandian., AP - Civil	
Mr.B.Gowtham., AP - Civil	
Mr.S.Kannan., AP - Civil	
Mr.A.Darral Alfred., AP - Civil	
Mr.P.Kasirajan., AP - Civil	
<i>Academic Experts</i>	
Dr.T.Baskaran, Professor, Department of Civil Engineering, Thiagarajar College of Engineering, Madurai-625 015.	 27/06/23.
Dr.K.Premalatha, Professor, Department of Civil Engineering, Anna University (CEG campus), Chennai -600 025.	 27/06/2023
Dr.T.Velrajan, Professor, Department of Civil Engineering, Thiagarajar College of Engineering, Madurai - 625 015.	 27/6/23.
<i>Industrial Expert</i>	
Mr.S.Chockalingam, Managing Director , G Spatial Technologies, Chennai- 600 043.	 27/06/23.
<i>Student Members Nominated by the HOD</i>	
Ms.K.Sneha, Final Year, Civil	 27/6/23
Mr.R.Heman, Final Year, Civil	 27/6/23


CHAIRMAN
BOARD OF STUDIES

ANNEXURE I

Action taken for Minutes of 15th BoS Meeting

As per BoS Committee Suggestions,

- 1 Basics of Dynamics and Aseismic Design course included in Vertical I (Structures). And the Tall Building course included in Vertical VIII (Diversified course).
- 2 In Vertical IV (Environmental) the institution advisory board of our country like NABC and case studies in Climate change and adaptation course are included.