

Department of Civil Engineering

MINUTES of the 15th Meeting of the Board of Studies held on
29th December 2022, 11:00 am

Venue: Civil Department CADD Lab
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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15th Board of Studies Meeting in the Department of
Civil Engineering

Venue: Civil Department CADD Lab
National Engineering College, K.R.Nagar, Kovilpatti– 628503

Date & Time: 29.12.2022 & 11.00 am

Agenda

BoS / CIVIL15.1	:	Welcome address and Opening Remarks by Chairman, Board of studies in the department of Civil Engineering
BoS / CIVIL15.2	:	Confirmation of the Minutes of the 14 th meeting of Board of studies in the department of Civil Engineering held on 14 th July 2022 and Action taken report of 14 th meeting of Board of studies
BoS / CIVIL15.3	:	Business brought forward by the Chairman, Board of studies 15.3.1 Introduction of verticals for awarding B.E honors, honors with specialization, and minor degree under Regulation 2019. 15.3.2 Discussion about the syllabus of 15 new programme elective courses under Regulation 2019.
BoS / CIVIL15.4	:	Any other items
BoS / CIVIL15.5	:	Suggestions given by the BoS Members

National Engineering College, K.R.Nagar, Kovilpatti – 628 503
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F. No. 1-1/NEC/Civil Engg.

29.12.2022

Dear Sir/Madam,

Sub: *Minutes of the 15th Meeting of the Board of Studies in the Civil Engineering - Reg.*

Kindly find attached herewith the Minutes of the 15th Meeting of Board of studies of the Civil Engineering of the National Engineering College, K.R.Nagar, Kovilpatti – 628503 held on 29.12.2022 at 11.00 AM in Civil Department CADD Lab, 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.C.PuthiyaSekar

Department of Civil Engineering

MINUTES OF THE MEETING

The 15th Meeting of the Board of Studies of the Civil Engineering was held on 29th December 2022 at 11:00 am in Civil Department CADD Lab conducted by Civil Department, National Engineering College, K.R.Nagar, Kovilpatti- 628503.

The following members were present:

1	Dr.C.PuthiyaSekar Professor & Head	Chairman
2	Dr.V.Kannan., Asso.Prof-Civil	Internal Members
3	Dr.C.ChellaGifita., Asso.Prof-Civil	
4	Mr.S.Danielraj., AP-Civil	
5	Mr.M.Franchis David., AP-Civil	
6	Mr.V.Arulpandian., AP-Civil	
7	Mr.S.M Murali Ram Kumar., AP-Civil	
8	Mr.B.Gowtham.,AP-Civil	
9	Mr.S.Kannan.,AP-Civil	
10	Mr.C.Gurumoothy., AP-Civil	
11	Mr.P.Kasirajan., AP-Civil	
12	Dr.K.Muthukkumaran, Professor, Department of Civil Engineering, National Institute of Technology, Trichy- 620 015.	Academic Expert
13	Dr.S.Chandran, Associate Professor, Department of Civil Engineering, Thiagarajar college of Engineering, Madurai- 625 015.	Academic Expert
14	Dr.M.Murugan, Assistant Professor, Department of Civil Engineering, Government College of Engineering, Triunelveli- 627 007.	Academic Expert
15	Dr.S.Adishkumar, Assistant Professor, Department of Civil Engineering, Anna University Regional Centre,	Academic Expert

	Tirunelveli -627 007.	
16	Mr. Karthikeyan Balasubramanian Managing Director (Operations) Ridh Engineering Services Madurai – 625 018	Industrial Expert

BoS / CIVIL 15.1	:	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 15 th Board of Studies and thanked each one of them for sparing their valuable time to attend the meeting.
BoS / CIVIL 15.2	:	TO CONFIRM THE MINUTES OF FOURTEENTH BOS MEETING HELD ON 14 TH JULY, 2022 The minutes of the Fourteenth Board of Studies meeting held on 14 th July, 2022 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the 17 th Academic council meeting. ➤ Action Taken Report (Enclosed in Annexure I)
BoS/CIVIL 15.3.1	:	TO CONFIRM AND APPROVE THE INTRODUCTION OF VERTICALS FOR AWARDING B.E HONORS, HONORS WITH SPECIALIZATION, AND MINOR DEGREE UNDER REGULATION 2019. RESOLVED TO approve the Introduction of verticals for awarding B.E Honors, Honors with specialization, and Minor Degree under Regulation 2019.
BoS/CIVIL 15.3.2	:	TO CONFIRM AND APPROVE THE SYLLABUS OF 15 NEW PROGRAMME ELECTIVE COURSES UNDER REGULATION 2019. RESOLVED TO approve the Introduction of verticals for awarding B.E Honors, Honors with specialization, and Minor Degree under Regulation 2019.
BoS / CIVIL 15.4	:	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 Curriculum & the syllabus of Programme Eletive Courses under R-2019.
BoS / CIVIL 15.5	:	SUGGESTIONS GIVEN BY THE BOS MEMBERS

The suggestions given by the BoS Members are given by.

- 15.5.1 BOS members suggested to offer all vertical to the students and the ensure the availability of specialized faculties to handle different domains included in the verticals.
- 15.5.2 Experts advised to offer the minimum knowledge in core courses before the students opting for the specified vertical as prerequisite.
- 15.5.3 In Vertical I (Structures) experts from structures domain suggested to include Basics of Dynamics and Aseismic Design course. Also the member suggested to include Tall Building course in Vertical VIII (Diversified course).
- 15.5.4 In Vertical IV (Environmental) academic expert suggested to include the institution advisory board of our country like NABC and case studies in Climate change and adaptation course. Suggested to offer Reference books updated version.
- 15.5.5 In Vertical V (Water resources) academic expert suggested to add the knowledge level missing in few courses.
- 15.5.6 Industrial expert member suggested considering Building information modelling (BIM) course under Civil Engineering Management Vertical VI Domain in near future.
- 15.5.7 In general they reported the combination of courses in each vertical are excellent and also they suggested to add few important management course like Integrated water resource management, Urban water management, Town Planning management, Engineering Quality management & Sustainable development and Practices etc. under Civil Engineering Management Vertical VI Domain in near future.
- 15.5.8 BoS members suggested to add Metro rails, Satellite city, Smart city topics as a seperate course which provides more employability opportunities for the graduates in near future.
- 15.5.9 Members also suggested giving flexibility for the consideration of Project work/ Industry based project for the final year students without affecting their career settlement.
- 15.5.10 BOS members recommended to included industrial lecture, survey camp and suggested to combine content of few core courses in the forth coming regulation.


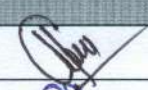

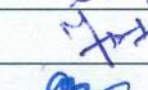
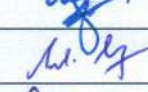
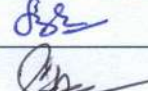
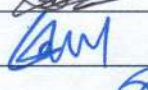
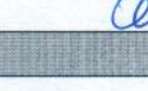


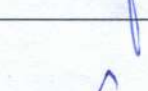
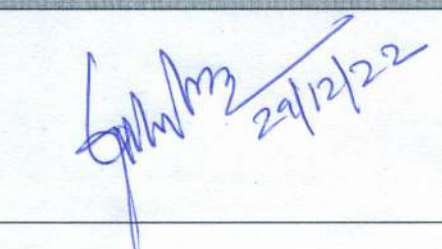

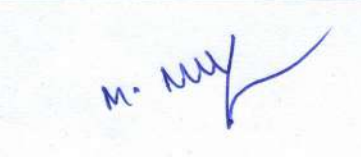

The members had a brainstorming discussion and interaction among themselves. After discussion, fruitful suggestions were incorporated appropriately in the Specialization course, Curriculum and Syllabi.

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 Syllabus of three One Credit Programme Elective Laboratory Courses for UG Degree Programme Under Regulation 2019.


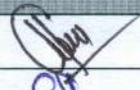
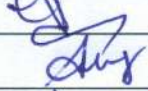


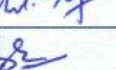
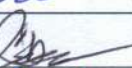
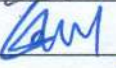



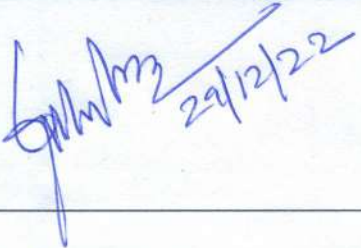
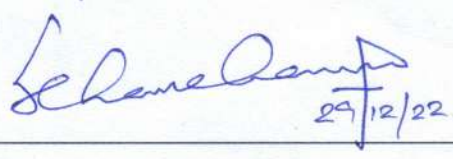


Mr.B.Gowtham AP-Civil thanked all the members for their kind cooperation and the meeting came to an end.




Members Present

<i>Board Chairman</i>	
Dr.C.PuthiyaSekar Professor & Head, Department of civil Engineering, National Engineering college, K.R.Nagar, Kovilpatti-628503.	
<i>Internal Members</i>	
Dr.V.Kannan., Asso.Prof-Civil	
Dr.C.ChellaGifita., Asso.Prof-Civil	
Mr.S.Danielraj., AP-Civil	
Mr.M.Franchis David., AP-Civil	
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<i>Academic Experts</i>	
Dr.K.Muthukkumar, Professor, Department of Civil Engineering, National Institute of Technology, Trichy- 620 015.	
Dr.S.Chandran, Associate Professor, Department of Civil Engineering, Thiagarajar college of Engineering, Madurai- 625 015.	
Dr.M.Murugan, Assistant Professor, Department of Civil Engineering, Government College of Engineering, Triunelveli- 627 007.	
Dr.S.Adishkumar, Assistant Professor, Department of Civil Engineering, Anna University Regional Centre, Tirunelveli -627 007.	

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<i>Industrial Experts</i>	
Mr. Karthikeyan Balasubramanian Managing Director (Operations) Ridh Engineering Services Madurai – 625 018	
<i>Student Members Nominated by the HOD</i>	
Ms.Abinaya N., Final Civil	
Mr.Sriram M., Final Civil	


CHAIRMAN

BOARD OF STUDIES

ANNEXURE I

Action taken for Minutes of 14th BoS Meeting

As per BoS Committee Suggestions,

- 1 In C programming application for Civil Engineering I, the question No 11 is based on function level. Hence, it is moved to C programming application for Civil Engineering II
- 2 In C programming application for Civil Engineering I, the input parameters are mentioned in MKS units in question No 4 are changed as SI units.