

Department of Electrical and Electronics Engineering

MINUTES 18th Meeting of the Board of studies held on
27th December 2022 at 10.00 AM

Venue: Conference Hall, National Engineering College

National Engineering College, K.R.Nagar, Kovilpatti – 628 503

(An Autonomous Institution - Affiliated to Anna University, Chennai)

www.nec.edu.in

Department of Electrical and Electronics Engineering

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18th Board of studies Meeting in the Department of Electrical and Electronics Engineering

Venue: Conference Hall, National Engineering College

Date & Time: 27.12.2022 & 10.00 AM

AGENDA

BoS / EEE 18.1	:	Welcome address and Opening Remarks by Chairman, Board of studies in the Department of Electrical and Electronics Engineering	
BoS / EEE 18.2	:	Confirmation of the Minutes of the 17 th meeting of Board of Studies in the Department of Electrical and Electronics Engineering held on 20 th July 2022, and Action Taken report of 17 th meeting of Board of studies	
BoS / EEE 18.3	:	Business brought forward by the Chairman, Board of studies	
		18.3.1	Verticals for awarding Honors, Honors with specialization and Minor degree
		18.3.2	Introduction of Verticals in curriculum under R-2019
		18.3.3	Modification in syllabus of elective courses for incorporating verticals under R-2019
		18.3.4	Introduction of new elective courses for incorporating verticals under R-2019
		18.3.5	Discussion – Project work / Industry Practice
BoS / EEE 18.4	:	Any other items	
BoS / EEE 18.5	:	Suggestions given by the BoS Members	

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F. No. 1-1/NEC/EEE.

27th December, 2022

Dear Sir/Madam,

Sub: Minutes of the 18th Meeting of the Board of studies in the EEE-Reg.

Kindly find attached herewith the Minutes of the 18th Meeting of Board of studies of the Electrical and Electronics Engineering of the National Engineering College, K.R.Nagar, Kovilpatti – 628503 held on 27th December, 2022 at 10.00 AM in National Engineering college, conference hall. 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 hodeee@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. M. Willjuice Iruthayarajan

Dr. M. WILLJUICE IRUTHAYARAJAN, ME., Ph.D.
Professor & Head
Department of Electrical & Electronics Engg.
National Engineering College
Kovilpatti - 628 503

Department of Electrical and Electronics Engineering

MINUTES OF THE MEETING

The 18th Meeting of the Board of studies of the Electrical and Electronics Engineering was held on 27th July, 2022 at 10.00 AM in National Engineering College,

Venue: Conference Hall, National Engineering College

The following members were present:

1.	Dr.M.WilljuiceIruthayarajan Professor and Head/ EEE	Chairman
2.	Dr.L.Kalaivani Professor/ EEE	Internal Members
3.	Dr.R.V.Maheswari Professor/ EEE	
4.	Dr.N.B.Prakash Professor / EEE	
5.	Dr.M.P.E.Rajamani Assistant Professor(S.G) / EEE	
6.	Dr. R.Francis, Associate Professor/EEE, Government College of Engineering, Bargur.	University Nominee
7.	Dr. V. Suresh Kumar, Professor, Department of Electrical and Electronics Engineering, Thiagarajar College of Engineering, Madurai, Tamilnadu.	Academic Expert
8.	Dr. Rajesh Joseph Abraham Associate Professor, Department of Avionics, Indian Institute of Space Science and Technology, Valiamala P.O., Thiruvananthapuram, Kerala.	
9.	Dr. Santosh Kumar Annadurai GE T&D Ltd., GIS R&D Centre, Unit R&D Head, Padappai, Chennai.	Industrial Expert
10.	Mr. J. S. Jekhan, Final Year / EEE	Student Members
11.	Ms. R. Yamini Rajam, Final Year / EEE	

Industrial Experts Dr. Hariram Satheesh, Principal Scientist, ABB Global Industries and Services Ltd, Bangalore, Dr.S.Paramasivam, R&D Head, Electrical Drives, Danfoss Industries Ltd, Chennai, Mr. Ramesh Senior Technical Engineer, Hardware Design and Development Data Patterns India Pvt. Ltd., Chennai and Mr.R.

Jayakumar, Engineering Leader, Altimetrik Pvt, Ltd., Chennai & could not attend the meeting due to their prior commitments and unavoidable reasons and were granted leave of absence.

BoS / EEE 18.1	<p>: WELCOME ADDRESS AND OPENING REMARKS BY CHAIRMAN, BOARD OF STUDIES IN THE DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING</p> <p>The Chairman, BOS of the Electrical and Electronics Engineering welcomed and introduced the members of 18th Board of Studies and thanked each one of them for sparing their valuable time to attend the meeting.</p>
BoS / EEE 18.2	<p>: TO CONFIRM THE MINUTES OF SEVENTEENTH BOS MEETING HELD ON 20th JULY 2022.</p>
	<p>The minutes of the Seventeenth Board of Studies meeting held on 20th July 2022 were communicated to the members vide letter No. F. No. 1-1/NEC/EEE, Dated 20.07.2022.The comments received have been incorporated and placed for confirmation. The same was approved by the 17th Academic council.</p> <p style="text-align: center;"><u>Action Taken Report</u> (Enclosed in Annexure I)</p>
BoS / EEE 18.3.1	<p>: TO CONFIRM AND APPROVE THE VERTICALS FOR AWARDING HONORS, HONORS WITH SPECIALIZATION AND MINOR DEGREE FOR UG (B.E. – EEE) PROGRAMME UNDER R-2019</p>
	<p>RESOLVED TO approve the Verticals for awarding Honors, Honors with specialization and Minor degree for UG (B.E. – EEE) PROGRAMME under R-2019.</p>
Bos/EEE 18.3.2	<p>: TO CONFIRM AND APPROVE THE INTRODUCTION OF VERTICALS FOR UG (B.E. – EEE) PROGRAMME UNDER R-2019</p>
	<p>RESOLVED TO approve the introduction of verticals for UG (B.E. – EEE) PROGRAMME under R-2019.</p>


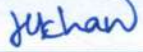
Bos/EEE 18.3.3	:	TO CONFIRM AND APPROVE THE MODIFICATION IN SYLLABUS OF ELECTIVE COURSES FOR INCORPORATING VERTICALS FOR UG (B.E. – EEE) PROGRAMME UNDER R-2019
		RESOLVED TO approve the Modification in syllabus of elective courses for incorporating verticals for UG (B.E. – EEE) PROGRAMME under R-2019.
Bos/EEE 18.3.4	:	TO CONFIRM AND APPROVE THE INTRODUCTION OF NEW ELECTIVE COURSES FOR INCORPORATING VERTICALS FOR UG (B.E. – EEE) PROGRAMME UNDER R-2019
		RESOLVED TO approve the introduction of new elective courses for incorporating verticals for UG (B.E. – EEE) PROGRAMME under R-2019.
Bos/EEE 18.4	:	ANY OTHER ITEMS, IF ANY, WITH THE PERMISSION OF THE CHAIRMAN OF THE BOS
18.5.1	:	The BoS members insisted the BoS EEE chairman to verify the total number of credits to be registered in a particular semester for regular courses, online courses and additional elective courses.
Bos/EEE 18.6	:	SUGGESTIONS GIVEN BY THE BOS MEMBERS
		In the course, “Design of Power Converters Laboratory” study of power converters may be included instead of overview of power converters.
		In the course, “Electric Vehicles Simulation Laboratory”, software tools name should be avoided in the syllabus.
		In the course, “Condition Monitoring of High Voltage Power Equipment”, syllabus should be revised with additional content.

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 given by the members, BOS resolved to recommend the following to the Academic Council for further approval.

Dr. M. Bakrutheen, Assistant Professor (Senior Grade)/EEE thanked all the members for their kind cooperation and the meeting came to an end.

Members Present

CHAIRMAN		
1.	Dr.M.WilljuiceIruthayarajan Professor and Head/ EEE	<i>M. Willjuice Iruthayarajan</i> 27/12/2022
INTERNAL MEMBERS		
2.	Dr.L.Kalaivani Professor/ EEE	<i>L. Kalaivani</i> 27/12/22
3.	Dr.R.V.Maheswari Professor/ EEE	<i>R.V. Maheswari</i> 27/12/22
4.	Dr.N.B.Prakash Professor / EEE	<i>N.B. Prakash</i> 27/12/22
5.	Dr.M.P.E.Rajamani Assistant Professor (S.G) / EEE	<i>M.P.E. Rajamani</i> 27.12.22
UNIVERSITY NOMINEE		
6.	Dr. R.Francis, Associate Professor/EEE, Government College of Engineering, Bargur.	<i>R. Francis</i> 27/12/22
ACADEMIC EXPERT		
7.	Dr. V. Suresh Kumar, Professor, Department of Electrical and Electronics Engineering, Thiagarajar College of Engineering, Madurai, Tamilnadu.	<i>V. Suresh Kumar</i> 27/12/2022
8.	Dr. Rajesh Joseph Abraham Associate Professor, Department of Avionics, Indian Institute of Space Science and Technology, Valiamala P.O., Thiruvananthapuram, Kerala.	<i>Rajesh Joseph Abraham</i> 27/12/2022

INDUSTRIAL EXPERT		
9.	Dr. Santosh Kumar Annadurai GE T&D Ltd., GIS R&D Centre, Unit R&D Head, Padappai, Chennai.	
STUDENT MEMBER		
10.	Mr. J. S. Jekhan, Final Year / EEE	
11.	Ms. R. Yamini Rajam, Final Year / EEE	R. Yamini Rajam


CHAIRMAN

BOARD OF STUDIES

Dr. M. WILLJUICE IRUTHAYARAJAN, ME., Ph.D.
Professor & Head
Department of Electrical & Electronics Engg.
National Engineering College
Kovilpatti - 628 503