



# EXCEL ENGINEERING COLLEGE (Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Accredited by NBA and NAAC with "A+" and Recognized by UGC(2f&12B)  
KOMARAPALAYAM - 637303

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING SECOND BOARD OF STUDIES MINUTES OF MEETING

Meeting No : EEC/BOS/II

Date : 24.02.2022

Time : 09.30 am

Venue : Online mode (Via Zoom)

Link : <https://us02web.zoom.us/j/8848481566?pwd=ckZYRWI0SVF5VnIwYTBseU5Wck5LQT09>

### Agenda:

**B.EE.2.1** To discuss and pass the syllabi of the courses offered during II year B.E. Electrical & Electronics Engineering Programme for the students admitted from the academic year 2021-22 onwards.

**B.EE.2.2** To discuss and pass the syllabi of II year Professional Core & Professional Elective Courses offered for M.E. Power Electronics & Drives and Embedded System Technologies Programme for the students admitted from 2021-22 academic year onwards.

**B.EE.2.3** To discuss and pass the curriculum of Regulation 2022 for M.E. Power Electronics & Drives and Embedded System Technologies Programme for the students admitted from the academic year 2022-23 onwards

**B.EE.2.4** To discuss and pass the first year syllabi of M.E. Power Electronics & Drives and Embedded System Technologies Programme for the students admitted from 2022-23 academic year onwards.

**B.EE.2.5** Any other Matters.



## Resolutions

1. Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the curriculum and syllabi of II Year B.E. Electrical & Electronics Engineering programme with the following changes.

### Semester- III to IV

RECOMMENDATION	RESOLUTION
<b>B.EE.2.1</b> Dr.P.Vanaja Ranjan suggested to include the Solar Photo Voltaic (SPV), Wind & Biogas power plants in III Semester “20EE303 - Power Generation Systems” (Engineering Sciences).	<b>B.EE.R 2.1</b> In III Semester, “20EE303 - Power Generation Systems” (Engineering Sciences) the addition of topics suggested has been already existing in Unit - 4.
<b>B.EE.2.2</b> Dr.P.Vanaja Ranjan suggested to add more practical applications such as Differential amplifier, low voltage audio amplifier and motor control ICs in unit – 5 in IV semester, “ 20EE406 - Integrated Circuits & Applications” (Professional Core).	<b>B.EE.R 2.2</b> In IV semester, “20EE406 - Integrated Circuits & Applications” (Professional Core) the addition of topics such as LM 393 Differential amplifier , LM386 low voltage audio amplifier and TLE94003XX motor control ICs have been included in unit – 5 as per the recommendation.
<b>B.EE.2.3</b> Dr.Pongiannan suggested to include the National Grid Systems in unit – 5 in IV semester, “20EE403 - Transmission and Distribution” (Professional Core).	<b>B.EE.R 2.3</b> In IV semester, “20EE403 - Transmission and Distribution” (Professional Core) National Grid Systems has been included in unit-5 as per the suggestion.
<b>B.EE.2.4</b> Dr.Pongiannan suggested to include the Industrial Sensors & Smart energy meter in unit – 5 in IV semester, “20EE404 Measurement and Instrumentation” (Professional Core).	<b>B.EE.R 2.4</b> In IV semester, “20EE404 - Measurement and Instrumentation” (Professional Core) the Industrial Sensors & Smart energy meter have been added in unit – 5 as per the recommendation.

2. Resolved that the curriculum and syllabus for II Year M.E. Power Electronics & Drives and Embedded System Technologies may be passed to the standing committee of the Academic Council without any changes.

3. Resolved that the curriculum of M.E. Power Electronics & Drives and Embedded System Technologies Programme for I to IV be followed as per the Regulation 2022

**M.E. Embedded System Technologies**

4. Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the syllabi of I Year M.E. Embedded system technologies programme for Regulation 2022 with the following changes.

RECOMMENDATION	RESOLUTION
<p><b>B.EE.2.5</b> Dr.Pongiannan suggested to update the existing PIC Microcontrollers in unit – 1 &amp; 2, also include Integrated Development Environment (IDE) tools in Unit - 4 in I semester, “22PES102 - Microcontroller Based System Design” (Professional Core).</p>	<p><b>B.EE.R 2.5</b> In I semester, “22PES102 - Microcontroller Based System Design” (Professional Core) the PIC 16F627 Architecture has been updated instead of 8051 Architecture in Unit - 1 and PIC 18F452 Architecture has been updated instead of 8051 Programming in Unit – 2. In addition, the Peripheral of PIC Microcontroller in Unit – 4 was shifted to Unit – 3 and also Integrated Development Environment (IDE) tools have been included in Unit – 4 as per the suggestion.</p>



**Chairman - Board of Studies**



**Chairman – Academic Council**



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## B.E. ELECTRICAL AND ELECTRONICS ENGINEERING

Second Board of Study Meeting

24.02.2022



Zoom Meeting Participant ID: 333692

Recording

View

Participants (19)

Find a participant

Prakash viswa  
 DR Dr R Nallusamy  
 DP Dr. P. Vanaja Ranjan  
 DP Dr. P. Vanaja Ranjan  
 DY Dr.Thiagarajan Y  
 GR GOBU R AP/EEE  
 gunasekaran R  
 K Kumarasamy  
 MM MOHANRAJ M R  
 NK Nanthini KS  
 P P Deepa  
 P Param  
 Rajeswari Chandran  
 Sankarananth AP/EEE

GOBU R AP/EEE  
 Dr R Nallusamy  
 Dr. P. Vanaja Ra...

GOBU R AP/EEE  
 Dr R Nallusamy  
 Dr. P. Vanaja Ranjan  
 gunasekaran R

Nanthini KS  
 ANANDKUMAR...

Nanthini KS  
 Thirusvasagm P  
 Connecting to audio

Join Audio Start Video Security Participants Polls Chat Share Screen Record Mute End

Zoom Meeting Participant ID: 333692

View

Participants (18)

Find a participant

DR Dr R Nallusamy  
 DP Dr. P. Vanaja Ranjan  
 DY Dr.Thiagarajan Y  
 gunasekaran R  
 K Kumarasamy  
 NK Nanthini KS  
 P P Deepa  
 Prakash Viswa  
 RG R GOBU's M12  
 Rajeswari Chandran  
 Sankarananth AP/EEE  
 SS SELVARAJ S P  
 Thirusvasagam P

HOD/EEE/EEE  
 Connecting to audio  
 Prakash viswa  
 R GOBU'S M12

Sankarananth AP/EEE  
 Pongilannan RN/EEE  
 SELVARAJ S P  
 Sankarananth AP/EEE

Dr.Thiagarajan Y  
 Kumarasamy  
 Dr R Nallusamy  
 Nanthini KS

ANANDKUMAR...  
 Dr. P. Vanaja Ra...  
 P,Deepa

Rajeswari Chandran  
 ANANDKUMAR M R AP/EEE  
 Dr. P. Vanaja Ranjan  
 P,Deepa

Thirusvasagam P  
 gunasekaran R

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- DY Dr.Thiagarajan Y 2
- GR GOBU R AP/EEE
- gunasekaran R
- K Kumarasamy 2
- MM MOHANRAJ M R
- NK Nanthini KS
- P P.Deepa
- P Param 1
- Prakash Viswa
- RD R. DEEPA/AP/MATHS
- Rajeswari Chandran
- Thiruvagasam P

- S Sankarananth,AP/EEE (me)
- S s.sankarananth,AP/EEE/E... (Host)
- DR Dr R Nallusamy
- H HOD/EEE/EEC
- PR Pongiannan RK-EEE 1
- DP Dr. P. Vanaja Ranjan
- DP Dr. P. Vanaja Ranjan
- DY Dr.Thiagarajan Y 2
- GR GOBU R AP/EEE
- gunasekaran R
- K Kumarasamy 2



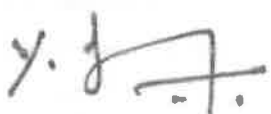

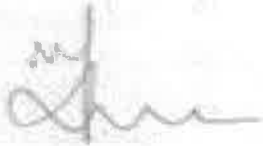
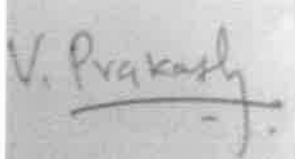
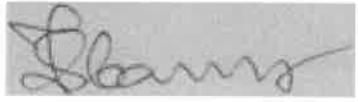


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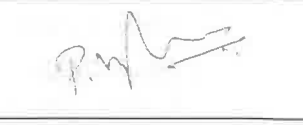
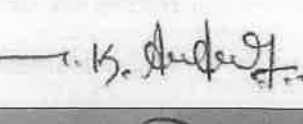

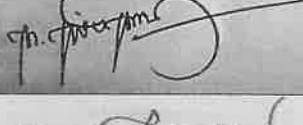
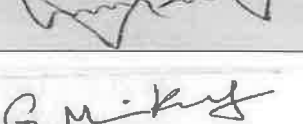

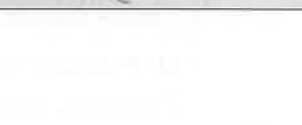
## Department of Electrical and Electronics Engineering

### Second Board of Studies Meeting

Sl.No.	Name and Affiliation	Designation	Signature
1	Dr.V.S.Arulmurugan, Professor & Head, Department of Electrical & Electronics Engineering, Excel Engineering College	Chairman	
2	Dr.K.Bommanna Raja, Principal, Excel Engineering College	Principal	
3	Dr.P.Vanaja Ranjan, Professor, Department of Electrical and Electronics Engineering, CEG Campus, Anna University, Chennai-600025. Email : vranjanau@yahoo.co.in Phone No: 9840168109	University Nominee	 <b>Dr. P. VANAJA RANJAN</b> B.E. (ECE) M.E.(CAI), MISTE., Ph.D., Professor, Electrical Engineering Dept. CEG, Anna University, Chennai-25.
4	Dr. R.K. Pongiannan, Professor, Department of Electrical and Electronics Engineering, SRM Institute of Science and Technology, Kattankulathur, Kancheepuram. Email: rkp.annan@gmail.com Phone No: 9842277975	Academic Expert	

5	Dr.Y.Thiagarajan, Associate Professor, Department of Electrical and Electronics Engineering, Christ College of Engineering and Technology, Puducherry. E-mail : thiagu2517@gmail.com Phone No: 07708257580	Academic Expert	
6	Dr.S.Paramasivam Head-R&D ESAB india Limited G-22, SIPCOT Industrial Park, Pennalur Post Sriperumbudur Taluk, Kanchipuram District-602105 Email : param.s@esab.co.in Phone No: 9840105091	Industry Expert	
7	Er.Elango Managing Director – Alpha Switch Gear India Pvt Ltd, 27,Moolakarai Road, Nasiyanoor, Erode – 638107, Email: alfa@alfaswitchgear.com Phone No: 94863 55977	Special Invitee	
8	Mr.Prakash Viswanathan, Technical Lead, KLA India Ltd Formerly KLA-Tencor India Ltd, Chennai. Email: pmvprakash@gmail.com Phone No: 9036131410	Special Invitee	
9	Mr.K.Ganesan, Deputy General Manager, Electrical and Instrumentation, Mahindra Water Utilities Ltd, Tirupur. Email ID: <a href="mailto:mkganesh1@gmail.com">mkganesh1@gmail.com</a> Phone No: 9894349083.	Special Invitee	
10	Dr.M.R.Mohanraj Assistant Professor	Member	
11	Mrs.C.Rajeswari Assistant Professor	Member	



12	Mr.R.Gobu Assistant Professor	Member	
13	Mr.P.Murughanandam Assistant Professor	Member	
14	Mr.M.K.Anandkumar Assistant Professor	Member	
15	Mr.M.Anandakumar Assistant Professor	Member	
16	Mr.R.Ramprakash Assistant Professor	Member	
17	Mr.B.Jayamanikandan Assistant Professor	Member	
18	Mr.G.Manikandan Assistant Professor	Member	
19	Mr.M.Vigram Assistant Professor	Member	



**Chairman – Board of Studies**



**Chairman – Academic Council**