

ERODE SENGUNTHAR

ENGINEERING COLLEGE

(An Autonomous Institution)

Approved by AICTE, New Delhi, Permanently Affiliated to Anna University- Chennai, Accredited by National Board of Accreditation (NBA), New Delhi & National Assessment and Accreditation Council (NAAC), Bangalore with 'A' Grade PERUNDURAI -638 057, TAMILNADU, INDIA.







Department of Electrical and Electronics Engineering 7th BOARD OF STUDIES MEETING

14th December 2023 @ 11.30 a.m.

ZOOM ONLINE MEET

https://us06web.zoom.us/j/82810580776?pwd=aL5C3gKUfbeRv1t4Gla6Sw4qJQSYhN.1

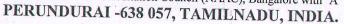


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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

MINUTES OF 7th BOARD OF STUDIES MEETING

Name of the Department

: Electrical and Electronics Engineering

Name of the Board

: Electrical and Electronics Engineering

Programmes

: BE-Electrical and Electronics Engineering

ME-Power Electronics and Drives

Date, Time & Mode

:14.12.2023 - 11.30 AM & ONLINE

Zoom Link

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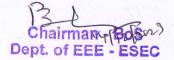
https://us06web.zoom.us/j/82810580776?pwd=aL5C3gKUfbeRv1t4Gla6Sw4qJQSYhN.1

Meeting Number

: 07

AGENDA OF THE MEETING

BoS /EEE 7.1	•	Welcoming new Board of Studies members and opening remarks by the Chairman, Board of Studies, Department of Electrical and Electronics Engineering.		
BoS /EEE 7.2	:	Confirmation of the Minutes of 06 th Board of Studies Meeting are Action taken report of 6 th Board of Studies meeting.		
BoS /EEE 7.3	•	Approval of third and fourth semester syllabus for the B.E. Electrical and Electronics Engineering programme offered under Regulations 2023.		
BoS /EEE 7.4	:	Approval of third and fourth semester syllabus for the M.E. Power Electronics and Drives programme offered under Regulations 2023.		
BoS /EEE 7.5	•	Any other items		



The following members were present

Sl. No.	Name & Designation	Category	
1	Dr. P. Selvan Professor and Head, Department of Electrical and Electronics Engineering, Erode Sengunthar Engineering College, Perundurai.	Category Chairman	
2	Dr. S. Geetha Associate Professor, Department of Electrical and Electronics Engineering, Coimbatore Institute of Technology, Coimbatore.	University Nominee	
3	Dr. N. P. Subramaniam Associate Professor, Department of Electrical and Electronics Engineering, Puducherry Technological University, Puducherry.	External Experts (Academic)	
4	Dr. M. Arun Professor/ Embedded Technology, School of Electronics Engineering, Vellore Institute of Technology, Vellore		
5	Dr. S. R. Sivarasu BEE Certified Energy Auditor(EA-27299) Managing Partner, Ram Kalam - Centre for Energy Consultancy and Training, Coimbatore	Representative from Industry/ Corporate secto	
6	Er. Vijay Anandan, Research and Development Engineer – AI, Samsung Electro Mechanics, Bengaluru	Alumnus	
7	Dr. M. Shyamalagowri, Associate Professor		
8	Dr. R. Muthukumar, Associate Professor		
9	Dr. S. Karthick, Assistant Professor		
10	Dr. L. Anbarasu, Assistant Professor	Internal Members	
11	Dr. A. Johny Renoald, Assistant Professor		
12	E. Immanuvel bright, Assistant Professor		
13	S. Tamilselvi, Assistant Professor		
14	N. Jothippriya, Assistant Professor		
15	P. Karthikeyan, Assistant Professor		
16	K. Preetha, Assistant Professor		



Welcoming new Board of Studies members and opening remarks by the Chairman, Board of Studies, Department of Electrical and Electronic Engineering. Discussion The Chairman of the Board of Studies welcomed all the members to the meeting for discussing proposed BE — Electrical and Electronic Engineering and ME — Power Electronics and Drives curriculum of a semesters and syllabus of III & IV semesters under the Regulation 2023. The members presented in the Board of Studies Meeting a given in Annexure I. Confirmation of the Minutes of 6th Board of Studies Meeting and Action taken report of 6th Board of Studies meeting.	cs ne cs nll ns re
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	a
Board of Studies meeting.	
Discussion	
The Chairman presented the Minutes of 6 th Board of Studies Meetin	g
BoS /EEE 7.2 : which was held on 24.05.2023 and action taken report of the same.	
Resolution	
It is resolved to recommend the Minutes of 6th Board of Studie	S
Meeting and action taken report of the same is submitted to the	e
Academic Council for approval.	
Approval of syllabus belongs to third and fourth semester for the B.E	
Electrical and Electronics Engineering programme offered under	
Regulations 2023.	
Discussion	
The Chairman, presented syllabus belongs to third and fourth semester	
for the B.E. Electrical and Electronics Engineering programme offered	
under Regulations 2023. The BoS members approved the same.	-

Chairman (Rospors Dept. of EEE - ESEC The Chairman, suggested to interchange the Circuit Theory Subject/ Electric Circuits Lab and Electron Devices and Circuits Subject/ Electron Devices and Circuits Lab in the curriculum.

It is resolved to provide Electron Devices and Circuits Subject/ Electron Devices and Circuits Lab in the 3rd semester and Circuit Theory Subject/ Electric Circuits Lab subject in 2nd semester. The BoS members approved the same.

Dr. M. Arun, suggested to include GATE oriented contents in 23EE303 –Measurements and Instrumentation subject. The Chairman agreed to include the same.

Dr. N. P. Subramaniam, suggested to remove the CRT related contents and include the digital energy meter in 23EE303 – Measurements and Instrumentation. The Chairman agreed to update the same.

Dr. N. P. Subramaniam, suggested to remove advantages and limitations of each topic in Unit V and put as last topic in 23EE304 – Electric Power Generation. The Chairman agreed to update the same.

Dr. N. P. Subramaniam, suggested to change CO3 Blooms Verb – **Build** as **Model** in AC Machines Lab. The Chairman agreed to update the same.

Er. Vijay Anandan, Research and Development Engineer – AI, Samsung Electro Mechanics, Bengaluru, asked about the prerequisite for Unit I – Test of Hypothesis of 23BS301- Numerical Methods and Statistics. The Chairman replied that the students studied prerequisite of Probability, Mean and Variance sample in +2 Mathematics subject.

Chairman Rod Per Dept. of EEE - ESEC

Er. Vijay Anandan, suggested to have Application oriented Eigen Values in Unit III – Solution of Equations and Eigen value Problems of 23BS301- Numerical Methods and Statistics. The Chairman replied that the students studied the topic like Membrane (Eigen value Application) in Matrix and Calculus Subject in First year

Dr. S. Geetha, and **Dr. M. Arun,** suggested to add Verilog / HTML circuits and Introduction to VLSI Design in Unit V - Programmable Logic Devices, Memory and Logic Families of 23EE404 - Digital Logic Circuits. The Chairman agreed to add the same.

Er. Vijay Anandan, , suggested to add Graph Theory in 23ES401 - Programming in C and Data Structures. And also to change the title as Data Structures and Algorithms Using C instead of Programming in C and Data Structures. The Chairman agreed to update the same.

Dr. S. Geetha and **Dr. M. Arun** suggested to do experiment with any one circuit simulator like Multisim, Pspice etc. The Chairman replied that Pspice circuit simulator is used in 23EE405 - Digital Logic Circuits Lab.

Resolution

It is resolved to recommend the BE – Electrical and Electronics Engineering third and fourth semester syllabus under Regulation 2023 to the Academic Council for Approval.

BoS/EEE 7.3

Chairman - 205 203 Dept. of EEE - ESEC

		Approval of syllabus belongs to third and fourth semester for the M.E.				
		Power Electronics and Drives programme offered under Regulations				
		2023.				
		Discussion				
		The Chairman, presented syllabus belongs to third and fourth semester				
		for the M.E. Power Electronics and Drives programme offered under				
	k =	Regulations 2023. The BoS members approved the same.				
		Er. Vijay Anandan, suggested to reframe the unit contents of				
BoS /EEE 7.4		23PEX16 - Python Programming for Machine Learning as below.				
Share March 1977		S.No.	Course Code/Name	Recommendations		
	4	1	23PEX16 - Python	Remove the Unit V and Unit		
			Programming for Machine	IV is split into two Units as		
	Ģ.		Learning	Unit IV and Unit V.		
		The Chairman agreed to reframe the same.				
	- 1	Resolution				
i sandi-sandalah		It is resolved to recommend the ME – Power Electronics and Drive third and fourth semester syllabus under Regulation 2023 to the				
Carlos Americanos de espe		Academic Council for Approval.				
	Any other items					
		Common points suggested by the members as concluding remark				
		Suggested to update the text and reference book with latest edition and				
		replace the course outcome Blooms Verb UNDERSTAND with suitable				
BoS /EEE 7.5	•	: one.				
		The Cha	irman of Board of Studies agre	ed and assured to incorporate the		
		changes	suggested by the members whe	rever possible.		
The Chairman of Board of Studies thanked all the membe						
valuable suggestions and coordination.						

Chairman - BoS - ESEC

Chairman - BoS

Dept. of EEE - ESEC

ANNEXURE – I The following members presented in the Board of Studies Meeting

Sl. No.	Name & Designation	Board of Studies Meeting		
1	Dr. P. Selvan Professor and Head, Department of Electrical and Electronics Engineering, Erode Sengunthar Engineering College, Perundurai.	Category Chairman	Signature Ballace	
2	Dr.S.Geetha Associate Professor, Department of Electrical and Electronics Engineering, Coimbatore Institute of Technology, Coimbatore.	University Nominee	arts coast	
3	Dr.N.P.Subramaniam Associate Professor, Department of Electrical and Electronics Engineering, Puducherry Technological University, Puducherry.	External Experts	The state of the s	
4	Dr. M. Arun Professor/ Embedded Technology, School of Electronics Engineering, Vellore Institute of Technology, Vellore	ON-LINE		
5	Dr.S.R.Sivarasu BEE Certified Energy Auditor(EA-27299) Managing Partner, Ram Kalam - Centre for Energy Consultancy and Training, Coimbatore			
6	Er. Vijay Anandan, Research and Development Engineer – AI, Samsung Electro Mechanics, Bengaluru			
7	Dr. M. Shyamalagowri, Associate Professor	NOP O		
The Court	Dr. R. Muthukumar, Associate Professor		M. Stryle	
	Dr. S. Karthick, Assistant Professor		Kur -	
	Dr. L. Anbarsu, Assistant Professor		RION	
11	Dr. A. Johny Renoald, Assistant Professor		- May	
	E. Immanuvel bright, Assistant Professor	Internal Members	ADUS	
	S. Tamilselvi, Assistant Professor		8 W.	
	N. Jothippriya, Assistant Professor		Namp	
2.1	P. Karthikeyan, Assistant Professor		June 1	
7 1	K. Preetha, Assistant Professor		Oh.	

Chairman x Bus brory Dept. of EEE - ESEC

ANNEXURE – II DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Screen shots of 7th Board of Studies Meeting

Name of the Department : Electrical and Electronics Engineering

Name of the Board : Electrical and Electronics Engineering

Programmes : BE-Electrical and Electronics Engineering

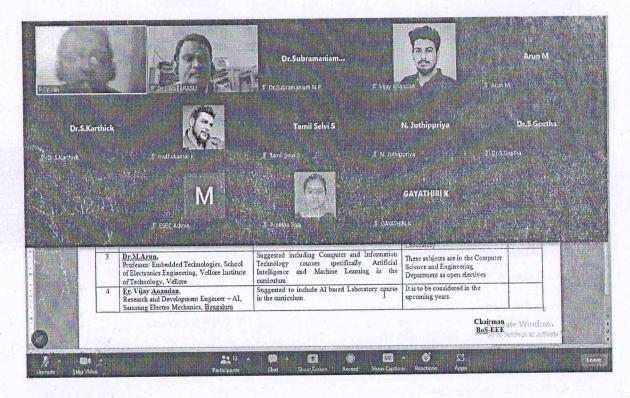
ME-Power Electronics and Drives

Date, Time & Mode :14.05.2023 – 11.30 AM & ONLINE

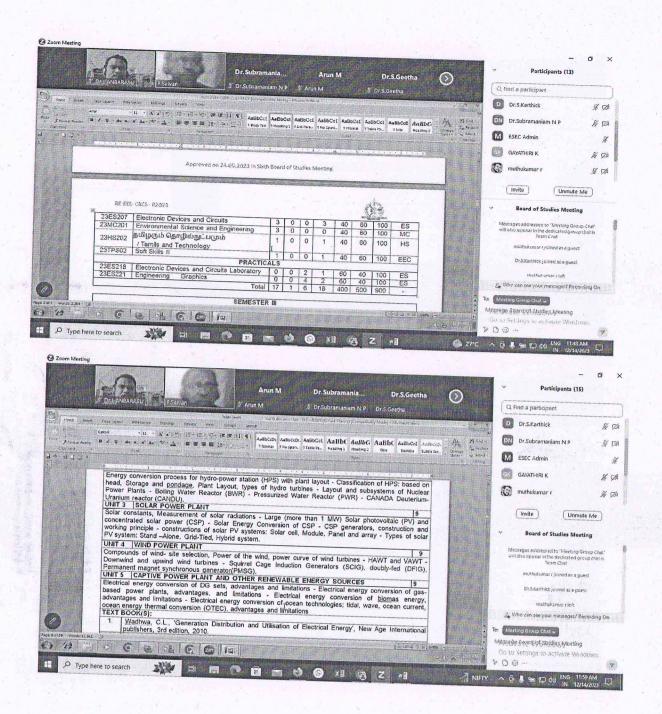
Zoom Link

https://us06web.zoom.us/j/82810580776?pwd=aL5C3gKUfbeRv1t4Gla6Sw4qJQSYhN.1

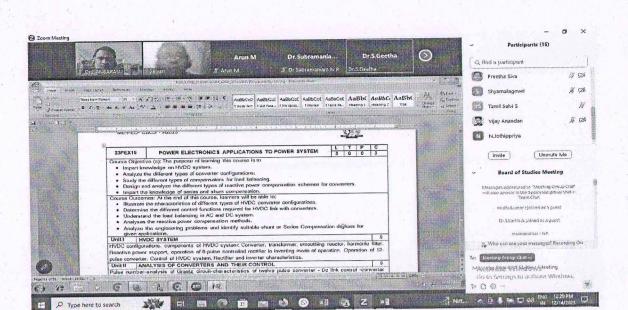
Meeting Number : 07

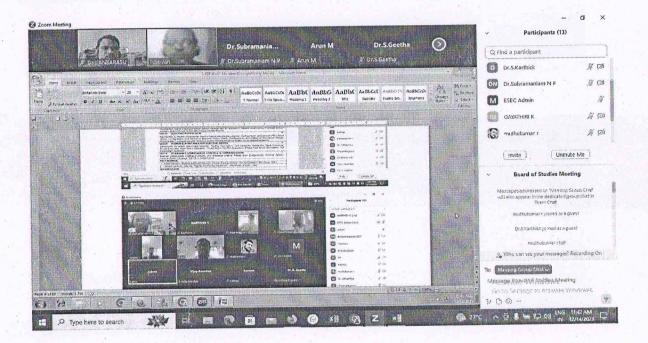


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