



R.M.K. ENGINEERING COLLEGE

(An Autonomous Institution)

R.S.M Nagar, Kavaraipettai, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu - 601206
Affiliated to Anna University, Chennai / Approved by AICTE, New Delhi / Accredited by NAAC with A+ Grade
An ISO 9001:2015 Certified Institution / All the Eligible UG Programs are Accredited by NBA, New Delhi

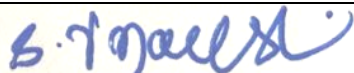


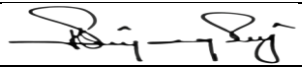
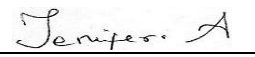
Department of Electrical and Electronics Engineering

Ref. No. RMKEC/BoS/MoM/EEE/2020-21/02

Date: 12.08.2021

MINUTES OF BOARD OF STUDIES MEETING

Name of the Board	Electrical and Electronics Engineering	
Programmes Offered	B.E. Electrical and Electronics Engineering M.E Power Electronics and Drives	
Date, Time and Venue	12.08.2021 (Thursday), 3:30 PM and Online Mode	
Meeting No.	02	
Notification No. and Date	RMKEC/BOS/COE/2021/02 dt 09.08.2021	
SPECIAL INVITEES		
1. Mr.R.M.Kishore, Vice Chairman, R.M.K. Group of Institutions 2. Dr.M.S.Palanichamy, Advisor, R.M.K. Group of Institutions 3. Dr.K.A.Mohamed Junaid, Principal, R.M.K. Engineering College 4. Dr. Elwin Chandra Monie, Dean (Research) 5. Dr.S.PavaiMadheswari, Academic Coordinator, R.M.K. Engineering College		
BoSMEMBERS		
Position in Board of Studies	Details of the Member	Signature of the Member
Board of Studies Chairman	Dr. Geetha Ramadas Professor & Head, R.M.K. Engineering College	
Subject Expert from Outside the Parent University	1. Dr. V.T Sreedevi, Professor, Department of Electrical Engineering, Vellore Institute of Technology, Chennai Campus	
	2. Dr. K Vijayakumar Professor & Head/EEE, SRM Institute of Science and Technology, Kattankulathur Campus, Chennai	
Expert Nominated from Anna University	Dr. M C Bhuvaneswari Professor, Department of Electrical Engineering P S G College of Technology, Coimbatore	
Industry Representative	Mr. Raghav Ankur, Principal Educator KPIT Technologies Ltd., Bengaluru	
Postgraduate Meritorious Alumnus	Mr. S.Mohanakrishnan Senior Aerospace Test Engineer, Honeywell Technology Solutions, Bengaluru	
Expert from Outside the College	Er. P. Arunachalam, Executive Engineer Tamil Nadu Electricity Board, Avadi Division, Chennai	
Faculty of Electrical and Electronics Engineering	Dr. Y. Sukhi, Professor	
	Dr. S.Vijayalakshmi, Professor	

	Dr. T Magesh, Professor	
	Dr. S Anita, Associate Professor	
	Dr. P Kavitha, Associate Professor	
	Ms. M S Kavitha, Associate Professor	
	Ms. Chandla Ellis, Associate Professor	
	Mr. M Ganesan, Associate Professor	
	Ms. L. Annie Isabella, Assistant Professor	
	Mr. S Balamurugan, Assistant Professor	
	Ms. M Perarasi, Assistant Professor	
	Mr. A Fayaz Ahamed, Assistant Professor	
	Mr. M Thiyagesan, Assistant Professor	
	Ms. A Jenifer, Assistant Professor	
	Ms. Sabari L Umamaheswari, Assistant Professor	
	Ms. M Vimala, Assistant Professor	
	Mr.Y.Alexander Jeevanantham, Assistant Professor	
	Mr. K. Naresh Kumar, Assistant Professor	
	Ms. E Elakkia, Assistant Professor	
	Ms. Balamaheswari, Assistant Professor	
	Mr. Anthony Robert, Assistant Professor	

At the outset, the Chairman welcomed all the members to the 2nd meeting of the Board of Studies (BoS) of Electrical and Electronics Engineering. The Chairman, introduced all the members and presented the achievements, of the College and the Department, during the academic year 2020-21. The Chairman briefed the agenda to be discussed.

The minutes of the meeting are as follows:

Item No. RMKEC/BoS/EEE/2020-21/02/01	To consider and ratify the Curriculum of I to VIII Semesters (for the students admitted from the academic year 2020 – 2021 onwards) of B.E. Electrical and Electronics Engineering
Discussion	Resolution
20CH102: Environmental Science and Engineering Category change from MC to HS	Category change from MC to HS is approved
The laboratory course, 20EM211: Basic engineering	Approved

and Circuits laboratory: Number of contact hours to be increased from 45 to 60	
Suggested to rename the subject Electrical Machines I as DC Machines and Transformers	Suggestion carried out and the name changed
Mini Project to be moved from 6 th semester to 3 rd semester	Approved
Aptitude and Coding Skills- I to be included in 3 rd semester	Approved
Universal Human Values - Understanding Harmony: to be moved from Professional Elective to Humanities and Social Sciences category and include in 4 th semester	Approved
Suggested to rename the subject Electrical Machines II as AC Machines	Suggestion carried out and the name changed
Aptitude and Coding Skills- II: to be included in 4 th semester	Approved
Transmission and Distribution to be moved from 4 th semester to 5 th semester	Approved
Embedded System Design and Automation offered in 5 th semester to be renamed as Embedded System Design and IoT	Approved
Embedded and Automotive Systems Laboratory laboratory offered in 5 th semester to be renamed as Embedded Systems and IoT Laboratory	Approved
Soft skill Training Laboratory offered in 5 th semester to be renamed as Advanced Aptitude and Coding Skills- I Laboratory	Approved
Aptitude training laboratory offered in 6 th semester to be renamed as Advanced Aptitude and Coding Skills- II Laboratory	Approved
Power System Operation and Control and Switchgear protection to be merged with and to be renamed as "Power System Protection and Control"	Approved
20EM 111: Engineering Practices Laboratory for other branches: 45 periods to 60 Periods- 30 periods for Electrical and Electronics +30 periods to Mechanical and Civil	Approved
Principles of Electrical Engineering Theory –Lab Integrated Course- offered for the first semester students of the branch "Computer Science and Business Systems": Syllabus is given by TCS and the course is handled by the faculty of the Department of Electrical and Electro	Approved

Item No. RMKEC/BoS/EEE/2020-21/02/02	To consider and approve the Curriculum and Syllabi of III and IV Semesters (for the students admitted from the academic year 2020 – 2021 onwards) of B.E. Electrical and Electronics Engineering
Discussion	Resolution
20EE301: Digital Logic Circuits- Syllabus: specific sequential circuits, Verilog in place of VHDL, more memory devices and Ronald J Tocci as reference book can be included.	All the suggested topics are included.
In Analog and Digital Electronics Laboratory experiments with Verilog can be included.	Experiments included as per suggestion.
In Electrical Machines –II Short circuit capacity of synchronous machines, Modes of operation of induction motors and PMDC can be included	Topics are included as per the suggestion.

Item No. RMKEC/BoS/EEE/2020-21/02/03	To consider and ratify the Curriculum of I to IV semesters and to approve the syllabus for III semester (for the students admitted from the academic year 2020 – 2021 onwards) of M.E. Power Electronics and Drives
Discussion	Resolution
No changes are proposed in the curriculum approved during the previous BoS meeting except that 6New Professional Electives included	Approved
In Smart Grid two specified references can be included	Included in the references list.
In Power Electronics for Renewable Energy Sources Multi input power electronics converters can be included	Included topic as per suggestion.

	Item No. RMKEC/BoS/EEE/2020-21/02/4	To approve the identified External Examiners for End Semester Theory and Practical examinations
S. No	Name	Profile
1	Dr.Soma Sundaram P	Professor, CEG Anna University 9566057532, mpsomasundaram@annauniv.edu
2	Dr.R.Ramesh	Professor, CEG Anna University 9444717601, rramesh@annauniv.edu
3	Dr.Lakshmi P	Professor, CEG Anna University 9444266117, p_lakshmi@annauniv.edu
4	Dr. R. Neelaveni	Professor, PSG College of Technology 9894365195, rnv.eee@psgtech.ac.in
5	Dr.Dhayalini K	Professor, K. Ramakrishnan College of Engineering 9952877028, dhayalini@krce.ac.in

6	Dr.N.M.Saravana Kumar	Professor and Head, M Kumarasamy College of Engineering 99424 50403, saravanakumaar2008@gmail.com
7	Dr.Sivaprakasam A	Assistant Professor, CEG Anna University 9865521041, asp.eee@annauniv.edu
8	Dr. R.Bhavani	Assistant Professor, Mepco Schlenk Engineering College 9095309399, bavanir@mepcoeng.ac.in
9	Dr.K.Sureshkumar	Associate Professor, Velammal Engineering College 9865281803, sureshkumark@velammal.edu.in
10	Dr.K.C Ramya	Associate Professor, Sri Krishna College of Engineering. and Technology, 9442636334, ramyakc@skcet.ac.in
11	Dr.P.K.Mani	Associate Professor, VeltechMultitech Engineering College 6374337207, manipk@veltechmultitech.org
12	Dr.R. Umamaheswari	Professor and Head, Velammal Engineering College 9790686771, hodeee@velammal.edu.in
13	Dr.S.Premalatha	Associate Professor, Velammal Engineering College 9080371085 premalatha@velammal.edu.in
14	Dr.S.Srinath	Professor, Velammal Engineering College 9791589528, dssrinath@velammal.edu.in
15	Dr.S.Raghuraman	Associate Professor, Velammal Engineering College 8610928689 raghuraman@velammal.edu.in
16	Dr.N.Manoj Kumar	Associate Professor, Panimalar Engineering college 9840489350 manojkumarnsvcet@gmail.com
17	Dr.HariRamakrishnan	Associate Professor, Panimalar Engineering college 9940540170 harirmk@gmail.com
18	Dr.M.Arun Bhaskar	Associate Professor, Velammal Engineering College 9952970899 arunbhaskar@velammal.edu.in
19	Dr. P. Thirusenthil Kumaran	Assistant Professor (S.S.), Rajalakshmi Engineering College 9952053849,thirusenthilkumaran.p@rajalakshmi.edu.in
20	Dr.M.Nalini	Professor, Sairam Engineering College 9600595175, nalini.ei@rasaram.edu.in
21	Dr. R. Manikandan	Professor, Panimalar Engineering College 9444007821, eiemanikandan.r@gmail.com
22	Ms.LathaMaheswari K	Assistant Professor S.G, PSG College of Technology 9788721924, klm.eee@psgtech.ac.in
23	Ms.V.Selve	Assistant Professor, Velammal Engineering College 9952943159, selve@velammal.edu.in
24	Ms.N.Kasirathi	Assistant Professor, Velammal Engineering College 9940488441, kasirathi@velammal.edu.in
25	Ms. S.Lakshmi	Assistant Professor, Panimalar Engineering College 8754488997, elzie.moses@gmail.com
26	Mr.P.Santhosh	Assistant Professor, Panimalar Engineering College 9080093058, santhosh1627@gmail.com

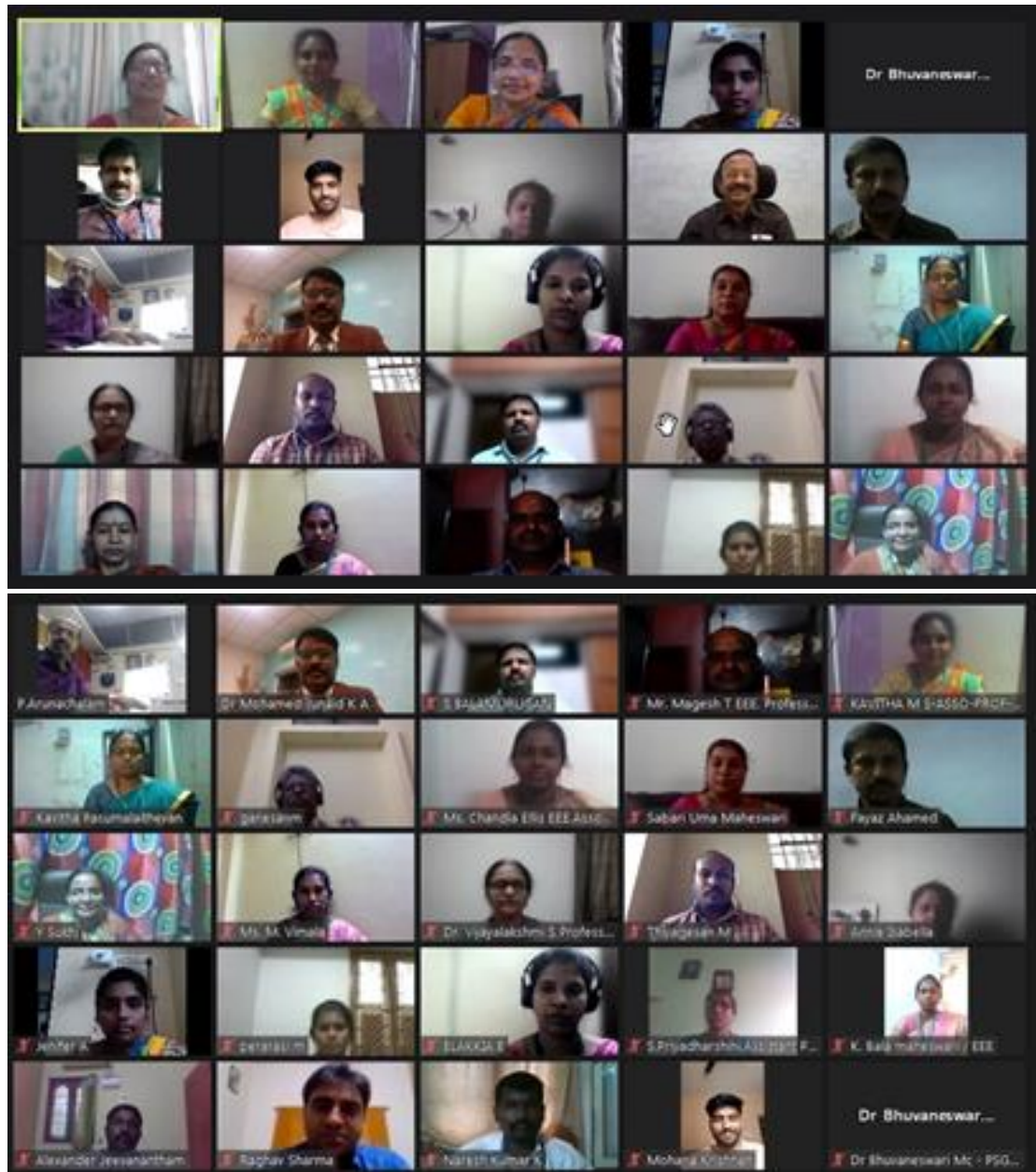
27	Mr.G.Ponkumar	Assistant Professor, Panimalar Engineering College 8610366487, ponmumar21@gmail.com
28	Mr.Sundaramoorthi	Associate Professor, Panimalar Engineering college 9345338018, smsundaramoorthi@gmail.com
29	Ms.Jeny Sophia S	Assistant Professor, Rajalakshmi engineering college 9790738520, jeny sophia.s@rajalakshmi.edu.in
30	Ms.K. Srividya	Assistant Professor, Sri Sairam Engineering College 9840470120, srividya.ei@sairam.edu.in
31	Dr. B.Muthuraj,	Associate Professor, Panimalar Engineering College 9952296525, muthurajbose@gmail.com
32	Dr.S.Durgadevi	Associate Professor Sri Sairam Engineering College 9941935112, durgadevi.ei@sairam.edu.in
33	MrS. R. Balaji,	Assistant Professor Panimalar Engineering College 9942575509, balasrb2000@gmail.com
34	Mr.V.Vasudhevan,	Assistant Professor Panimalar Engineering College 9952993153, vasudhevan.vee@gmail.com
35	Ms.P.Shanmugapriya	Assistant Professor, Sri Sairam Engineering College 9444425422 shanmugapriya.eee@sairam.edu.in
36	Ms.R Geetha	Assistant Professor, Velammal Engineering College 9940693206 geethar@velammal.edu.in
37	Mr. Sivamani.D	Assistant Professor Rajalakshmi Engineering College 9994628914 sivamani.d@rajalakshmi.edu.in
38	Ms.K.S.Krishna Veni	Assistant Professor, Mepco Schlenk Engineering College 9442733266, krishnaveni.ks@mepcoeng.ac.in
39	Mr. Pandiaraj G	Assistant Professor, Mepco Schlenk Engineering College, 9894908281, pandiaraju@mepcoeng.ac.in
40	Mr.V. Rengarajan	Assistant Professor, Velammal Engineering College 8973318299, rengarajanv@velammal.edu.in
41	Dr. J.S. Leena Jasmine	Professor, Velammal Engineering College 9710440175, leena@velammal.edu.in
42	Dr.M.Umasankar	Assistant Professor, Kongu Engineering College 8012443543, Umashankaram@gmail.com
43	Ms. N.Vanaja	Assistant Professor (Sr.Grade), Mepco Schlenk Engineering College, 7708769012, nvanaja@mepcoeng.ac.in
44	Mr.R.Sivaprasad	Associate Professor Sri Sairam Engineering College 9445358356, sivaprasad.eee@sairam.edu.in
45	Ms.K.Thirupurasundari,	Assistant Professor, Sri Sairam Engineering College 9884547754, thirupurasundari.ei@sairam.edu.in
46	Mr.A.Tamilvanan	Assistant Professor, Kongu Engineering College 9842755668, tamilmech@kongu.ac.in
47	Ms. Jayanthi K	Assistant Professor, Mepco Schlenk Engineering College 9944791506, kjayanthi@mepcoeng.ac.in
48	Mr. Gnanaprakash V	Assistant Professor, Bannari Amman Institute Of Technology

		6369169886, gnanaprakash@bitsathy.ac.in
49	Ms. P C.Kalaivaani	Assistant Professor[SLG], Kongu Engineering College 9659447988, kalairupa@kongu.ac.in
50	Mr. K.Sakthidhasan	Assistant Professor, Vel Tech Multitech Engineering College 9894843765, sakthidhasan@veltechmultitech.org
51	Mr. N. Sakthisaravanan	Assistant Professor, S.A. Engineering College 9659007975, sakthisaravanann@saec.ac.in
52	Mr. Gangadurai	Assistant Professor, Velammal Engineering College 7373435828, gangadurai@velammal.edu.in
53	Ms.R Padmavathi	Assistant Professor,(SG), Rajalakshmi Engineering College 9884567594, padmavathi.r@rajalakshmi.edu.in
54	Mr.P. Gurusamy	Assistant Professor, Adhiyamaan College Of Engineering 9789662232, gurulakshmi006@gmail.com
55	MrC.Murukesh	Associate Professor, Velammal Engineering College 9841238259, murukesh@vellamal.edu.in
57	Ms.S. Akila	Assistant Professor, Vel Tech Multitech Dr Rangarajan Dr Sakunthala Engineering College, 9789028501, rskumar.eee@gmail.com
57	Mr. B.Karthikeyan	Associate Professor, S A Engineering College 9940966012, karthikeyanb@saec.ac.in

After the discussions and corrections, it was unanimously decided to approve the ratifications in the Curriculum of I to VIII Semesters (for the students admitted from the academic year 2020-2021 onwards) of B.E. Electrical & Electronics Engineering as well the Curriculum and Syllabi of III Semesters (for the students admitted from the academic year 2020-2021 onwards) of B.E. Electrical and Electronics Engineering. The identified 57 external examiners for theory and practical end semester examinations were approved.

The copy of Curriculum and Syllabi is attached for your reference.

The Chairman of Board of Studies thanked all the members for their valuable suggestions and coordination.



S. K. G. - K.

BoS Chairman

Dr. GEETHA RAMADAS
Professor & Head,
Department of Electrical and Electronics Engineering
RMK Engineering College,
Kavaraipettai, Chennai - 601 208

Principal

<Signature with Seal>

Original to CoE

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