



R.M.K. ENGINEERING COLLEGE

(An Autonomous Institution)

R.S.M NAGAR, KAVARAIPETTAI – 601 206

Affiliated to Anna University, Chennai /Approved by AICTE, New Delhi/
Accredited by NAAC with A+ Grade / ISO 21001:2018 Certified Institution/

All the eligible UG Programs are Accredited by NBA, New Delhi

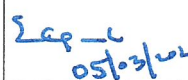
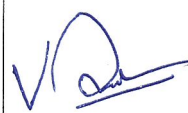


Department of Electrical and Electronics Engineering

Ref. No. RMKEC/BoS/MoM/EEE/2023-24/06

Date: 05.03.2024

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	05.03.2024 (Tuesday), 11:00 AM. Venue: SV Block Seminar Hall 02	
Meeting No.	06	
Notification No. and Date	RMKEC/AO/BOS/EEE/2024/06 dt: 28.02.2024	
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. K.K.SivagnanaPrabhu, Dean – Career Development Center - R.M.K. Engineering College		
6. Dr.S.Pavai Madheswari, Academic Coordinator, R.M.K. Engineering College		
BoS MEMBERS		
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	
Expert Nominated from Anna University	Dr. V. Senthilkumar Professor/EEE, College of Engineering, Guindy, Anna University, Chennai.	
Subject Expert from Outside the Parent University	1. Dr. V Kamaraj Professor/ Department of EEE SSN College of Engineering, Kalavakkam	
	2. Dr. K Vijayakumar Professor & Head/EEE, SRM Institute of Science and Technology, Kattankulathur Campus, Chennai	
Industry Representative	Mr. Saumendra Dash, Senior Solutions Architect, HCL Technologies, Chennai	

Postgraduate Meritorious Alumnus	Mr. S.Mohanakrishnan Principal Engineer, SanDisk India Device Design Center Private Limited Bengaluru	S.M.K.
Expert from Outside the College	Er. P. Arunachalam, Superintending Engineer, Tamil Nadu Electricity Board, Chengalpattu Division, Chennai	Absent
Faculty of Electrical and Electronics Engineering	Dr. Y. Sukhi, Professor	Sukhi
	Dr. N.M. Jothiswaroopan, Professor	Mr.
	Dr. T Magesh, Professor	Magesh
	Dr. S Anita, Associate Professor	On leave
	Dr. P Kavitha, Associate Professor	P.K.
	Ms. L. Annie Isabella, Assistant Professor	On leave
	Mr. S Balamurugan, Assistant Professor	S.B.
	Mr. A Fayaz Ahamed, Assistant Professor	A.F.
	Mr. M Thiayagesan, Assistant Professor	M.T.
	Ms. A Jenifer, Assistant Professor	J.
	Ms. Sabari L Umamaheswari, Assistant Professor	S.L.
	Ms. M Vimala, Assistant Professor	M.V.
	Dr. Alexander Jeevanantham, Assistant Professor	A.J.
	Mr. K Naresh Kumar, Assistant Professor	K.N.

At the outset, the Chairman Board of Studies of Electrical and Electronics Engineering welcomed all the members to the 6th meeting of the Board of Studies (BoS) of Electrical and Electronics Engineering. All the members, except Er. P. Arunachalam, Superintending Engineer, Tamil Nadu Electricity Board, Chengalpattu Division, Chennai were present for the meeting. The Chairman presented the major achievements of the Institution and Department. The Chairman briefed the agenda to be discussed.

The minutes of the meeting are as follows:

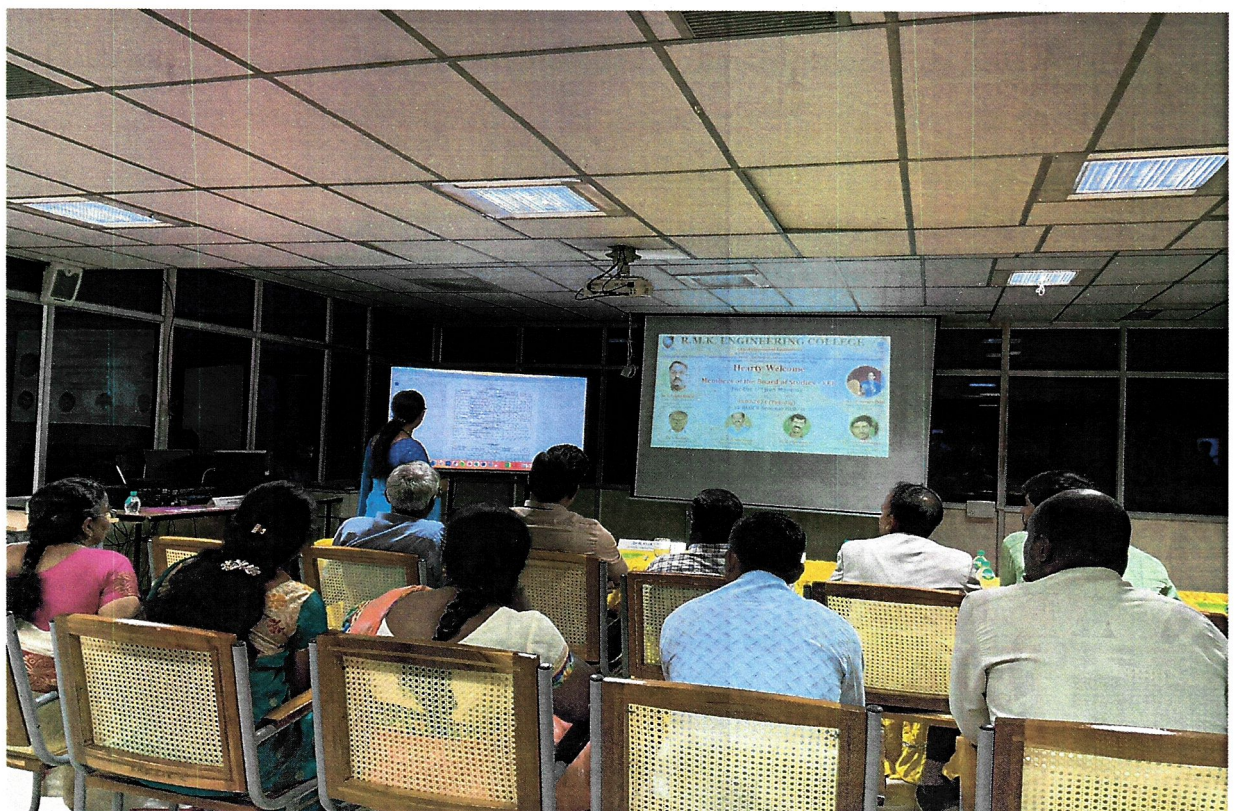
Agenda No	Agenda	Action Taken
Item No. RMKEC/BoS/2023- 24/06/01	To confirm minutes of the meeting and to peruse the Action Taken Report on the Minutes of the previous Meeting held on 27-03-2023	The ratification proposed in the fifth BoS meeting is implemented in our curriculum 2020 and 2022 and the ratified syllabus is presented in front of the BoS Members.
Item No. RMKEC/BoS2023- 24/06/02	To consider modifications in the Course outcomes of the subjects offered during third and fourth semesters.	• The Course Outcomes (CO) under the curriculum 2022 was made in general. As per discussion with HoD & Senior Professors in the department, the three committees were formed based on the experts in the domain for modifying the COs for the subjects in the 3rd and 4th semester of 2022 curriculum. • Based on the suggestions from BoS members PSOs and PEOs are fine-tuned to suite with the current curriculum. • CO- PO/PSO mapping is also fine-tuned. • All the above are presented and got approval from the BoS members.
Item No. RMKEC/BoS/2023- 24/06/03	a. To consider Introduction of “Theory of Automata & Compiler Design” as an Elective subject in place of “Operating system” Which is offered as a course under the category ESC.	• The subject “22EE402 – Operating System” was already available in the fourth semester subject list under ESC category as a mandatory paper. It has also been included as one of the elective subjects under the Embedded System domain. • Based on our request, HCL Tech agreed to replace “Operating System” from the elective list, and suggested to add the subject “Theory of Automata & Compiler Design”, in place of “Operating System” • All the BoS members approved the same.

	b. To consider shifting of course “22EE502 Fundamentals of Networking” from ESC to Elective/Honors with appropriate Change in the subject code and to include Conventional and Renewable Energy Systems with 3 credits	• The subject “22EE502 – Fundamentals of Networking” was in the fifth semester subject list under ESC category as a mandatory paper. Another subject “Computer Networks” is available under Embedded System domain with the similar syllabus content. • Based on our request, HCL Tech agreed to move the “22EE502 – Fundamentals of Networking” from the ESC category to one of the elective subjects under Embedded System domain. • To fulfill the replacement of the “22EE502 – Fundamentals of Networking”, we included the subject “Conventional and Renewable Energy Systems” under PCC category with same 3 credits.
	c. To consider and approval of syllabi for the subjects offered in 5th and 6th semesters, Professional Electives and Open Electives	Approved
	d. To consider Inclusion of Open Elective “Electric and Hybrid Vehicles” in Curriculum 2022 as well as in ratified curriculum 2020 as per the request from HoD/ Mechanical Engineering	• Under Open Elective, earlier “Electric and Hybrid Vehicles” was there in 2020 curriculum but during the ratification process of 2020 curriculum for the students admitted in the year 2021- 22 Academic Year, it was removed from the open elective list. • Based on the request from the HoD/ Mechanical Engineering, as this subject is very much needed for the students of mechanical engineering, we are seeking the approval of BoS members to add the “Electric and Hybrid Vehicles” subject under the 2020 ratified curriculum as well as 2022 curriculum
	e. To consider removal of Topic “Singly excited and doubly excited circuits” from 3rd unit and add the same to 2nd Unit of	The topic “Singly excited and doubly excited circuits” due to its relevance with respect to unit 2 of “22EE103- Basics of Electrical Engineering” we sought approval from BoS members to

	the course, 22EE103 Basics of Electrical Engineering	remove the Topic “Singly excited and doubly excited circuits” from 3 rd unit and add the same topic to 2 nd Unit under the same course.
Item No. RMKEC/BoS/2023- 23/05/04	Any other matter	- BoS members suggested to change the title of Unit 1 from “Power System” to “Introduction of Power System” under the subject “22EE503 - Power System Analysis.” - Anna University member suggested Artificial Intelligence concept can be introduced in all subjects. This will be incorporated in the next curriculum revision. - For the curriculum 2022 role of AI for each subject will be given content beyond syllabus. - The result of the Nov/Dec 2023 is presented in front of BoS Members - BoS chairman explained about the double evaluation procedure followed in our End Semester examination process. - The placement status of 2020-2024 batch is presented to the BoS members.

After the discussions and corrections, it was unanimously decided to approve the following.

- Proposed revision in Course Outcomes, PEOs, PSOs, CO-PO/PSO Mapping for the subjects offered in III and IV semesters under regulation 2022.
- Introduction of “Theory of Automata and Compiler Design” as an Elective subject under Embedded System (ES) Domain in place of Operating Systems.
- Introduction of Conventional and Renewable Energy Systems and shifting of Fundamentals of Networking to Elective under ES Domain - V semesters under Regulations 2022 .
- Proposed syllabi for subjects offered by EEE department during V and VI under regulation 2022.
- Proposed syllabi for Professional and Open Electives under regulation 2022.
- Introduction of “Electric and Hybrid Vehicle” as an Open Elective in Regulations 2020 (for the students admitted in 2021) and regulation 2022.





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.

[Handwritten Signature]

BoS Chairman

<Signature with Seal>

[Handwritten Signature]
05/03/24

Principal

<Signature with Seal>

Dr. GEETHA RAMADAS
Professor & Head / EEE
R.M.K. Engineering College
RSM Nagar, Kavaraipettai,
Gummidipoondi Taluk,
Tiruvallur District

Copy to:

1. All Bos Members (Soft Copy)
2. Department BoS File

Dr. K.A. MOHAMED JUNAID, M.E., Ph.D.,
PRINCIPAL
R.M.K. ENGINEERING COLLEGE
R.S.M. NAGAR, KAVARAIPETTAI-601 206
GUMMIDIPOONDI TALUK, TIRUVALLUR DIST.

Encl:

1. Annexure I: 1st to 6th Semesters B.E. Electrical and Electronics Engineering R-2022 Curriculum for the students admitted from the year 2022 – 2023 onwards.
2. Annexure II: Course Outcomes for the subjects offered in III and IV semesters under regulation 2022.
3. Annexure III: Proposed syllabi for Professional and Open Electives under regulation 2022.