



# R.M.K. ENGINEERING COLLEGE

[An Autonomous Institution]

R.S.M Nagar, Kavaraipettai, Gummidiyondi Taluk, Thiruvalur District, Tamil Nadu- 601 206  
Affiliated to Anna University, Chennai / Approved by AICTE, New Delhi / Accredited by NAAC with A+ Grade  
An ISO 21001:2018 Certified Institution / All the Eligible UG Programs are accredited by NBA, New Delhi.



## BoS – CSE and Allied Branches (CSE, CSD, ADS, CSBS & IT)

Ref. No. RMKEC/BoS/MoM/CSE/2025-26/12

Date: 06.05.2025

### MINUTES OF BOARD OF STUDIES MEETING

Name of the Board	CSE and Allied Branches (CSE, CSD, ADS, CSBS&IT)
Programmes Offered	B.E. - Computer Science and Engineering M.E. - Computer Science and Engineering B.E. - Computer Science and Design B.Tech. - Artificial Intelligence & Data Science B.Tech. – Computer Science and Business Systems B.Tech. – Information Technology
Date, Time and Venue	06.05.2025 (Tuesday), 02:00 PM, Board Room, RJ Block, RMKEC
Meeting No.	12
Notification No. and Date	RMKEC/BoS/CSE/2025-26/12 and 03.05.2025

### SPECIAL INVITEES

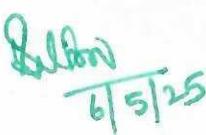
**Mr. R. M. Kishore**, Vice Chairman, R.M.K. Group of Institutions

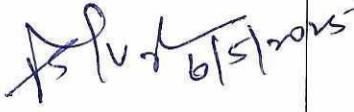
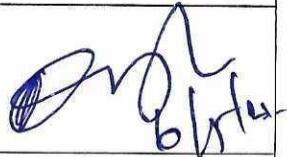
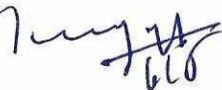
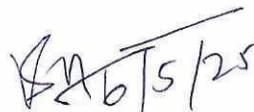
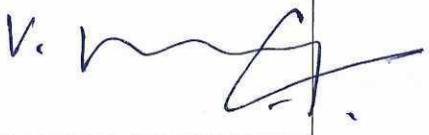
**Dr. M. S. Palanichamy**, Advisor, R.M.K. Group of Institutions

**Dr. K. A. Mohamed Junaid**, Principal, R.M.K. Engineering College

**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. T. Sethukarasi Professor and Head, Department of Computer Science and Engineering, R.M.K. Engineering College.	 6/5/25

Position in Board of Studies	Details of the Member	Signature of the Member
Expert Nominated from Anna University	<p><b>Dr. M. Vijayalakshmi</b>            Professor            Department of Information Science and Technology, CEG Campus            Anna University, Chennai – 600025</p> <p><b>Dr. R. Gunasekaran</b>            Professor, Department of Computer Technology, MIT Campus, Anna University, Chennai - 600044.</p>	 
Subject Expert from Outside the Parent University	<p><b>Dr. B. Surendiran</b>            Associate Professor,            Department of CSE,            National Institute of Technology, Pudhucherry.</p> <p><b>Dr. S. Geetha</b>            Professor and Associate Dean            School of Computing Science and Engineering, VIT University, Chennai Campus, Chennai – 600127</p>	 
Industry Representative	<p><b>Mr. Rajkumar Sivasubramanian</b>            Associate Director, Learning and Campus, Virtusa Consulting Services Private Limited, Chennai – 600089</p> <p><b>Mr. Vasanth Rajagopalan</b>            Director, Artificial Intelligence and Analytics, Cognizant</p> <p><b>Mr. A. Janagaraj</b>            Global Head – Cybersecurity Practice Unit, LTIMindtree</p> <p><b>Mr. Saravanan Velmurugan</b>            Senior Director, Custom and Cloud Applications, NTT DATA Services</p> <p><b>Mr. M. Srinivasan</b>            Associate Vice President Customer Success, LTIMindtree</p>	  
Postgraduate Meritorious Alumnus	<p><b>Mr. Vignesh Balaji S</b>            (Batch 2015-2019)            Associate Technical Consultant, Salesforce, Bengaluru</p>	
Expert from Outside the College	<p><b>Dr. V. Masilamani</b>            Professor and Dean-Student Affairs, Department of CSE, IIITDM, Kancheepuram</p>	

**Dr. M. Sheerin Banu, Prof. & Head, IT**  
**Dr. Sandra Johnson, Prof. & Head, ADS**  
**Dr. K. Chidambara Thanu, Prof. & Head, CSBS**  
**Dr. S. Thanga Ramya, Prof. & Head, CSD**

Faculty Members of CSE and Allied Branches

At the outset, The Principal welcomed the BoS members to our institution and briefed about Regulation 2024 and the new initiatives taken in R.M.K. Engineering College for the benefit of the students. The Chairman welcomed all the members to the 12<sup>th</sup> meeting of the Board of Studies (BoS) of CSE and Allied Branches. All the members were present for the meeting. The Chairman, Board of Studies of CSE and Allied Branches introduced all the members present and gave an introduction about the Institution and Department. The Chairman briefed the agenda to be discussed.

The minutes of the meeting are as follows:

<p><b>Item No.</b>  <b>RMKEC/BoS/CSE/2025-26/12/01</b>  <b>RMKEC/BoS/CSE/2025-26/12/02</b></p>	<p><b>To consider and ratify R2024 curriculum of semesters III to VIII for B.E. CSE for the students admitted from the academic year 2024 – 25.</b></p> <p><b>To consider and approve the syllabus for the courses in semesters III and IV of R2024 for B.E. CSE for the students admitted during 2024-25.</b></p>
<b>B.E. CSE</b>	
<b>SEMESTER III</b>	
Discussion	Resolution
<ul style="list-style-type: none"> <li>✓ Panel discussed to include lab component in <b>24CS301 Computer Organization and Architecture</b>. It is suggested to modify the subject as Lab Integrated course or include Case Studies and Tutorial.</li> <li>✓ Discussion on the subject <b>24CS302 Advanced Java Programming</b> to ensure that Enterprise Development Frameworks is covered instead of duplicating the topics covered in <b>24CS202 Java Programming</b> during second semester.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Decided in the meeting that the Lab component of the subject <b>24EC101 Digital Principles and System Design</b> is sufficient and included tutorial and case studies in the subject <b>24CS301 Computer Organization and Architecture</b>.</li> <li>✓ <b>24CS302 Advanced Java Programming</b> course content is framed with Collections and Utility Classes, Data handling and Serialization, Streams, Advanced String Processing and I/O Techniques and Regular</li> </ul>

	Expressions.
<b>B.E. CSE</b>	
<b>SEMESTER VII</b>	
Discussion	Resolution
<ul style="list-style-type: none"> <li>✓ Suggested to Change the subject <b>24CS702 Wireless and Mobile Communication</b> as <b>24CS702 Mobile Computing</b> and include the advanced topics in the syllabus in order to have the knowledge about recent inventions in mobile computing.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Changed the subject as <b>24CS702 Mobile Computing</b>.</li> <li>✓ Advanced topics will be included in the syllabus.</li> </ul>
<b>B.E. CSE</b>	
<b>PROFESSIONAL ELECTIVES</b>	
Discussion	Resolution
<p><i>Suggested to –</i></p> <ul style="list-style-type: none"> <li>✓ Convert the subject <b>24CS903 Blockchain Technology</b> as lab integrated to learn the latest tools in Blockchain.</li> <li>✓ Include Biometrics and Malware Analysis in Cyber Security – Professional Elective</li> <li>✓ Include latest emerging technology courses like multimedia computing, quantum computing, edge computing, Next Gen Computing subjects in the electives.</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>24CS903 Blockchain Technology</b> is changed as lab integrated and included experiments related latest tools and so students will get the exposure to all tools.</li> <li>✓ Both the topics were included in <b>24CS902 – Social Network Security</b>.</li> <li>✓ Decided to include a Professional Elective Vertical as <b>EMERGING TECHNOLOGIES</b> with all latest emerging courses such as multimedia computing, quantum computing, edge computing, Next Gen Computing.</li> </ul>
<b>B.E. CSE</b>	
<b>HONOR DOMAIN SUBJECTS</b>	
Discussion	Resolution
<ul style="list-style-type: none"> <li>✓ In Honor – <b>Artificial Intelligence and Data Science</b> topics Explainable AI and Pattern Recognition can be included</li> </ul>	<ul style="list-style-type: none"> <li>✓ Explainable AI and Pattern Recognition topics will be included in the syllabus.</li> </ul>

### B.E. CSD

Item No.  RMKEC/BoS/CSE/2025-26/12/03	To consider and approve the syllabus for the courses in semesters III and IV of R2024 for B.E. CSD for the students admitted from the academic year 2024-25.
<b>Semester VI</b>	
<b>Discussion</b>	<b>Resolution</b>
<b>Suggested to -</b>  ✓ Include Automata theory concept in the subject “24CS601 Compiler Design”	✓ “24CS601 Compiler Design” subject is replaced with “24AI601 Automata Theory and Compiler Design”.
<b>Semester VII</b>	
<b>Suggested to -</b>  ✓ Include Devops in Semester VII to felicitate reliable software development and deployment.	✓ 24CS914 Devops course is planned to be included as a Professional Elective from Cloud Computing Vertical.

### B.TECH. ADS

Item No.  RMKEC/BoS/CSE/2025-26/12/04 RMKEC/BoS/CSE/2025-26/12/05	To consider and ratify R2024 curriculum of semesters III to VIII for B.TECH. ADS for the students admitted from the academic year 2024 – 25.  To consider and approve the syllabus for the courses in semesters III and IV of R2024 for B.TECH. ADS for the students admitted from the academic year 2024-25.
<b>Semester III</b>	
<b>Discussion</b>	<b>Resolution</b>
<b>Suggested to -</b>  ✓ Move “24CS301 Computer Architecture and Organization” is shifted to Semester 3	✓ “24CS301 Computer Architecture and Organization” is shifted to Semester 3

<b>and Organization” to Semester 3.</b>	from Semester 4 and “ <b>Foundations of Data Science</b> ” is shifted to Semester 4.
<b>Semester IV</b>	
<b>Suggested to -</b>  ✓ Move “ <b>24CS304 Operating Systems</b> ” to Semester 4.	✓ “ <b>24CS304 Operating Systems</b> ” is shifted from Semester 5 to Semester 4 and Professional Elective 1 is shifted to Semester 5.
<b>Semester V</b>	
<b>Suggested to -</b>  ✓ Include “ <b>Computer Networks and Security</b> ” in Semester V.	✓ “ <b>Computer Networks and Security</b> ” is introduced in Semester 5.
<b>Semester VI</b>	
<b>Suggested to -</b>  ✓ Move “ <b>Generative AI</b> ” to Semester VII.	✓ “ <b>Generative AI</b> ” is shifted to Semester 7 and “ <b>Natural Language Processing</b> ” is shifted to Semester 6.
<b>PROFESSIONAL ELECTIVES</b>	
<b>Suggested to -</b>  ✓ Remove “ <b>Applied AI</b> ” course from the “ <b>Applied AI</b> ” Vertical and shift “ <b>Computer Vision</b> ” to professional elective.	✓ Removed the course “ <b>Applied AI</b> ” and shifted “ <b>Computer Vision</b> ” to Applied AI vertical.
<b>Suggested to -</b>  ✓ Change the course “ <b>Graph Theory and Neural Networks</b> ” to “ <b>Graph Neural Networks</b> ”	✓ Introduced “ <b>Graph Neural Networks</b> ” in the Professional Elective Vertical “ <b>Computational Intelligence</b> ” instead of “ <b>Graph Theory and Neural Networks</b> ”
<b>Item No.</b>  RMKEC/BoS/CSE/2025-26/12/07	✓ To consider and approve the curriculum and syllabi for the minor degree in Artificial Intelligence of R2024 offered to other departments.
<b>Suggested to -</b>  ✓ Introduce “ <b>Generative AI</b> ” instead of the course “ <b>Algorithms in Artificial Intelligence</b> ”.	✓ Introduced “ <b>Introduction to Generative AI</b> ” instead of the course “ <b>Algorithms in Artificial Intelligence</b> ”.

### B.TECH. CSBS

<b>Item No.</b> <b>RMKEC/BoS/CSE/2024-25/12/08</b>	<b>To consider and approve the syllabus for the courses in semesters III and IV of R2024 for B.Tech. CSBS for the students admitted during 2024-25.</b>
The courses in Semester III and IV of R2024 for B.Tech. CSBS for the students admitted during 2024-25 is approved.	

### B.TECH. IT

<b>Item No.</b> <b>RMKEC/BoS/CSE/2024-25/12/09</b> <b>RMKEC/BoS/CSE/2024-25/12/10</b>	<b>To consider and approve the syllabus for the courses in semesters III and IV of R2024 for B.Tech. Information Technology for the students admitted during 2024-25.</b>
<b>Discussion</b>	<b>Resolution</b>
<i>Suggested to</i>  <input checked="" type="checkbox"/> Include Compiler Design Course as Professional Elective.	<input checked="" type="checkbox"/> Principles of Compiler Design Course is included under Professional Electives.

After the discussions and corrections, it was unanimously decided to:

- Approve the ratifications in R2024 curriculum of semesters III to VIII for B.E. CSE for the students admitted from the academic year 2024 – 25.
- Approve the syllabus for the courses in semesters III and IV of R2024 for B.E. CSE for the students admitted during 2024-25.
- Approve the syllabus for the courses in semesters III and IV of R2024 for B.E. CSD for the students admitted during 2024-25.
- Approve the ratifications in R2024 curriculum of semesters III to VIII for B.TECH. ADS for the students admitted from the academic year 2024-25.
- Approve the syllabus for the courses in semesters III and IV of R2024 for B.TECH. ADS for the students admitted during 2024-25.
- Approve the syllabus for the course 24AI202 Introduction to Artificial Intelligence of R2024 offered to all branches during Semester 2 for the students admitted from the academic year 2025-26.
- Approve the curriculum and syllabi for the minor degree in Artificial Intelligence of R2024 offered to other departments.

- Approve the ratified syllabus of “22AI905 Stream Processing and Analytics” and “22AI711 MLOps” of R2022 for B.Tech. (ADS) for the students admitted from the academic year 2022-23.
- Approve the syllabus for the courses in semesters III and IV of R2024 for B.Tech. CSBS for the students admitted during 2024-25.
- Ratify the syllabus for the courses in semesters V, VI and VII of R2022 for B.Tech. IT for the students admitted during 2023-24.
- Ratify the syllabus for the courses in semester VII of R2022 for B.Tech. IT for the students admitted during 2022-23.



*BoS Chairman*  
BoS Chairman

<Signature with Seal>

Dr. T. Sethukarasi, M.E.,M.S.,Ph.D  
Professor & Head  
Department of Computer Science & Engineering  
R.M.K. Engineering College  
R.S.M. Nagar, Kavaraipettai - 601 206

*Junaaid*  
Junaaid  
Principal

<Signature with Seal>

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. Curriculum of R2024 for the students admitted during 2024-25 onwards.
2. Syllabus of R2024 for the Courses in semester III & IV.

Original to COE

Copy to:

1. All BoS Members (Soft Copy)