



# R.M.K. ENGINEERING COLLEGE

[An Autonomous Institution]

R.S.M Nagar, Kavaraipettai, Gummidipoondi Taluk, Thiruvallur 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.




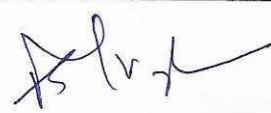
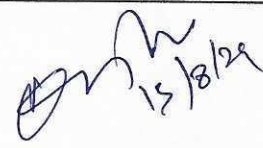
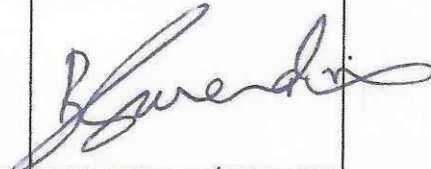
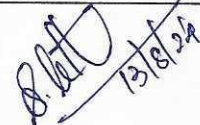



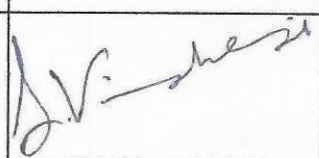

## BoS – CSE and Allied Branches (CSE, CSD, ADS, CSBS & IT)

Ref. No. RMKEC/BoS/MoM/CSE/2024-25/11

Date: 13.08.2024

### 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	13.08.2024 (Tuesday), 02:00 PM, Board Room, RJ Block, RMKEC	
Meeting No.	11	
Notification No. and Date	RMKEC/BOS/CSE/2024-25/11 and 09.08.2024	
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.	

Position in Board of Studies	Details of the Member	Signature of the Member
Expert Nominated from Anna University	<b>Dr. M. Vijayalakshmi</b> Professor, Department of Information Science and Technology, CEG Campus, Anna University, Chennai – 600025	
	<b>Dr. R. Gunasekaran</b> Professor, Department of Computer Technology, MIT Campus, Anna University, Chennai - 600044	 15/8/24
Subject Expert from Outside the Parent University	<b>Dr. B. Surendiran</b> Associate Professor, Department of CSE, National Institute of Technology, Pudhucherry.	
	<b>Dr. S. Geetha</b> Professor and Associate Dean School of Computing Science and Engineering, VIT University, Chennai Campus, Chennai – 600127	 13/8/24
Industry Representative	<b>Mr. Rajkumar Sivasubramanian</b> Associate Director, Learning and Campus, Virtusa Consulting Services Private Limited, Chennai – 600089	
	<b>Mr. Vasanth Rajagopalan</b> Director, Artificial Intelligence and Analytics, Cognizant	
	<b>Mr. A. Janagaraj</b> Global Head – Cybersecurity Practice Unit, LTIMindtree	
	<b>Mr. Saravanan Velmurugan</b> Senior Director, Custom and Cloud Applications, NTT DATA Services	 13/8
Postgraduate Meritorious Alumnus	<b>Mr. M. Srinivasan</b> Associate Vice President Customer Success, LTIMindtree	
	<b>Mr. Vignesh Balaji S</b> (Batch 2015-2019) Associate Technical Consultant, Salesforce, Bengaluru	
Expert from Outside the College	<b>Dr. V. Masilamani</b> Professor and Dean-Student Affairs, Department of CSE, IIITDM, Kancheepuram	 15/8/24



**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 11<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:

<b>Item No.</b> <b>RMKEC/BoS/CSE/2024-25/11/01</b>	<b>To consider and approve the curriculum of R2024 for B.E. CSE students admitted during 2024-25.</b>
<b>B.E. CSE</b>	
<b>SEMESTER I</b>	
<b>Discussion</b>	<b>Resolution</b>
<i>Suggested to -</i>  ✓ Include <b>“Programming in C”</b> as a non-credit prerequisite course. Students must know the structured programming concepts before they learn object-oriented programming.	✓ Included <b>“Programming in C”</b> as a non-credit course/bridge course during induction program.
<b>B.E. CSE</b>	
<b>SEMESTER IV</b>	
<b>Discussion</b>	<b>Resolution</b>
<i>Suggested to -</i>  ✓ Move <b>24CS401 Distributed and Cloud</b>	✓ Moved <b>24CS401 Distributed and Cloud</b>

Computing from 4 <sup>th</sup> semester to 5 <sup>th</sup> semester as the students must know networking concepts before they study cloud computing.		Computing from 4 <sup>th</sup> semester to 5 <sup>th</sup> semester.	
B.E. CSE			
SEMESTER V			
Discussion		Resolution	
Suggested to - ✓ Move 24CS502 Computer Networks from 5 <sup>th</sup> semester to 4 <sup>th</sup> semester.		✓ Moved 24CS502 Computer Networks from 5 <sup>th</sup> semester to 4 <sup>th</sup> semester.	
B.E. CSE			
SEMESTER VII			
Discussion		Resolution	
Suggested to - ✓ Replace 24CS702 Generative AI with any core subjects		✓ Replaced 24CS702 Generative AI with “Wireless and Mobile Communication”	
Item No. RMKEC/BoS/CSE/2024-25/11/02		To consider and approve the syllabus for the following subjects common to all Branches (ADS, CE, CSBS, CSD, CSE, EEE, ECE, ECA, EEC, ME, IT) a) 24CS101 Programming in C++ [Common to all branches] b) 24CS102 Software Development Practices [Common to all branches] c) 24CS201 Data Structures [Common to all branches] d) 24CS202 Java Programming [Common to ADS, CE, CSBS, CSD, CSE]	
B.E. CSE			
SEMESTER I			
Discussion		Resolution	
Suggested to - ✓ Include the topic “Procedural Language vs Object Oriented Language” in 24CS101 – Programming in C++. ✓ Make the students to understand the difference between structured and object oriented programming. ✓ Include “C++ How to Program by Deitel & Deitel” book.		✓ Included “Procedural Language vs Object Oriented Language” in 24CS101 – Programming in C++.  ✓ Included Paul Deitel, Harvey Deitel, “C++ How to Program”, 10th Edition, Pearson Education Inc. 2017 as reference book.	



B.E. CSD	
<b>Item No.</b> <b>RMKEC/BoS/CSD/2024-25/11/01</b>	<b>To approve the Curriculum of R2024 I to VIII semesters in B.E. CSD for the students admitted during 2024-25.</b>
<b>Discussion</b>	<b>Resolution</b>
<b>Project Work</b> <b>Suggested to -</b> ✓ Give Industry relevant projects for VIII Semester Project work.	✓ The suggestion will be incorporated.
B.TECH. ADS	
<b>Item No.</b> <b>RMKEC/BoS/CSE/2024-25/11/01</b>	<b>To consider and approve the R2024 B.Tech. ADS curriculum for the students admitted during 2024-25.</b>
<b>Discussion</b>	<b>Resolution</b>
<b>Suggested to -</b> ✓ Reduce the content of '24AI201 Introduction to Artificial Intelligence' since the course is opted in the first semester for all the branches. <ul style="list-style-type: none"> <li>○ Change Unit 5 to Case Studies. Include domain specific</li> <li>○ Introduce Python.</li> </ul>	✓ The course content of '24AI201 Introduction to Artificial Intelligence' is reduced. ✓ Python introduced in Unit 2 and 3. ✓ Domain specific Case Studies included in Unit 5.
Semester III	
<b>Discussion</b>	<b>Resolution</b>
<b>Suggested to -</b> ✓ Change the title of '24AI301 Advanced Artificial Intelligence'	✓ Course title changed to '24AI301 Artificial Intelligence and Decision Making'
Semester V	
<b>Discussion</b>	<b>Resolution</b>
<b>Suggested to -</b> ✓ Remove 'Feature Engineering' from the title of '24AI502 Data Exploration, Feature Engineering and Visualization'	✓ Course title changed to '24AI502 Data Exploration and Visualization'
Semester VI	
<b>Discussion</b>	<b>Resolution</b>

<b>Suggested to -</b> ✓ Move 'Reinforcement Learning' to Professional Elective and bring 'Computer Vision' into core.	✓ 'Reinforcement Learning' moved to Professional Core and 'Computer Vision' moved to Professional Core.
<b>B.TECH. CSBS</b>	
<b>Item No.</b> <b>RMKEC/BoS/CSE/2024-25/11/01</b>	<b>To consider and approve the R2024 B.Tech. (CSBS) curriculum for the students admitted during 2024-25.</b>
<b>General Suggestions:</b>	
<b>Discussion</b>	<b>Resolution</b>
• Suggested add a new course in place of IT Workshop using SCILab	Suggestion was incorporated by replacing IT Workshop using SCILab with Information Security
<b>B.TECH. IT</b>	
<b>Item No.</b> <b>RMKEC/BoS/CSE/2024-25/11/11</b>	<b>To consider and approve R2024 Curriculum of B.Tech. Information Technology (Knowledge Partner and Powered by Virtusa) for the students admitted during the academic year 2024 – 25</b>
<b>Discussion</b>	<b>Resolution</b>
<b>Suggested to –</b> ✓ Include Wireless and Mobile Communication instead of 24CS702-Generative AI	✓ Included <b>Wireless and Mobile Communication</b> instead of <b>Generative AI</b> ✓ <b>Generative AI</b> is added in to Electives.
<b>Semester I</b>	
<b>Discussion</b>	<b>Resolution</b>
<b>Suggested to –</b> ✓ Reorganize the syllabus flow for the course 24IT201 - Data Structures and Algorithms.	✓ Included all the suggestions

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

- Approve the curriculum of R2024 for B.E. CSE, B.E. CSD, B.Tech. ADS, B.Tech. CSBS and B.Tech. IT for the students admitted during 2024-25.
- Approve the syllabus for the following subjects common to all Branches (ADS, CE, CSBS, CSD, CSE, EEE, ECE, ECA, EEC, ME, IT)

a) 24CS101 Programming in C++ [Common to all branches]



- b) 24CS102 Software Development Practices [Common to all branches]
- c) 24CS201 Data Structures [Common to CSE, CSD, ADS, CSBS, IT]
- d) 24CS202 Java Programming [Common to all branches]
- e) 24AI201 Introduction to Artificial Intelligence [Common to all branches]
- f) 24IT201 Data Structures and Algorithms [Common to EEE, ECE, ECA, EEV]



*[Handwritten Signature]*  
15/8/24

**BoS Chairman**  
<Signature with Seal>

**Dr. T. SETHUKARASI, M.E., M.S., Ph.D.,**  
PROFESSOR & HEAD  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
R.M.K. ENGINEERING COLLEGE  
R.S.M. NAGAR, KAVARAIPETTAI-601 206.

*[Handwritten Signature]*  
15/8/24

**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 I & II.

Original to COE

Copy to:

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