



R.M.K. ENGINEERING COLLEGE

[An Autonomous Institution]

R.S.M Nagar, Kavaraipettai, Gummidiyondi 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

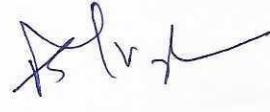
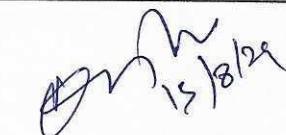
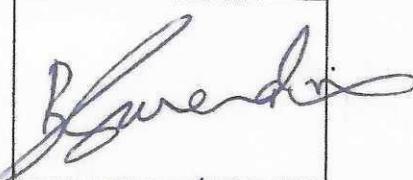
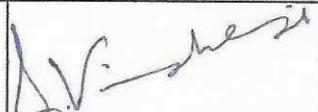
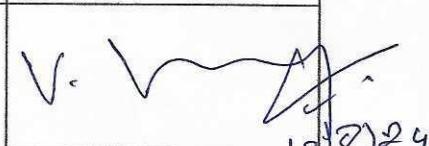
Dr. M. S. Palanichamy, Advisor, R.M.K. Group of Institutions

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	Dr. M. Vijayalakshmi Professor, Department of Information Science and Technology, CEG Campus, Anna University, Chennai – 600025	 13/8/22
	Dr. R. Gunasekaran Professor, Department of Computer Technology, MIT Campus, Anna University, Chennai - 600044	 13/8/22
Subject Expert from Outside the Parent University	Dr. B. Surendiran Associate Professor, Department of CSE, National Institute of Technology, Pudhucherry.	 13/8/22
	Dr. S. Geetha Professor and Associate Dean School of Computing Science and Engineering, VIT University, Chennai Campus, Chennai – 600127	 13/8/22
Industry Representative	Mr. Rajkumar Sivasubramanian Associate Director, Learning and Campus, Virtusa Consulting Services Private Limited, Chennai – 600089	 13/8/22
	Mr. Vasanth Rajagopalan Director, Artificial Intelligence and Analytics, Cognizant	
	Mr. A. Janagaraj Global Head – Cybersecurity Practice Unit, LTIMindtree	 13/8/22
	Mr. Saravanan Velmurugan Senior Director, Custom and Cloud Applications, NTT DATA Services	 13/8/22
	Mr. M. Srinivasan Associate Vice President Customer Success, LTIMindtree	
Postgraduate Meritorious Alumnus	Mr. Vignesh Balaji S (Batch 2015-2019) Associate Technical Consultant, Salesforce, Bengaluru	 13/8/22
Expert from Outside the College	Dr. V. Masilamani Professor and Dean-Student Affairs, Department of CSE, IIITDM, Kancheepuram	 13/8/22

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 11th 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:

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

Computing from 4 th semester to 5 th semester as the students must know networking concepts before they study cloud computing.	Computing from 4 th semester to 5 th semester.
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B.E. CSE

SEMESTER V

Discussion	Resolution
<p>Suggested to -</p> <ul style="list-style-type: none"> ✓ Move 24CS502 Computer Networks from 5th semester to 4th semester. 	<ul style="list-style-type: none"> ✓ Moved 24CS502 Computer Networks from 5th semester to 4th semester.

B.E. CSE

SEMESTER VII

Discussion	Resolution
<p>Suggested to -</p> <ul style="list-style-type: none"> ✓ Replace 24CS702 Generative AI with any core subjects 	<ul style="list-style-type: none"> ✓ Replaced 24CS702 Generative AI with “Wireless and Mobile Communication”
<p>Item No. RMKEC/BoS/CSE/2024-25/11/02</p>	<p>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)</p> <ul style="list-style-type: none"> 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
<p>Suggested to -</p> <ul style="list-style-type: none"> ✓ 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. 	<ul style="list-style-type: none"> ✓ 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	
Item No. RMKEC/BoS/CSD/2024-25/11/01	To approve the Curriculum of R2024 I to VIII semesters in B.E. CSD for the students admitted during 2024-25.
Discussion	Resolution
Project Work <i>Suggested to -</i> ✓ Give Industry relevant projects for VIII Semester Project work.	✓ The suggestion will be incorporated.
B.TECH. ADS	
Item No. RMKEC/BoS/CSE/2024-25/11/01	To consider and approve the R2024 B.Tech. ADS curriculum for the students admitted during 2024-25.
Discussion	Resolution
<i>Suggested to -</i> ✓ Reduce the content of '24AI201 Introduction to Artificial Intelligence' since the course is opted in the first semester for all the branches. ○ Change Unit 5 to Case Studies. Include domain specific ○ Introduce Python.	✓ 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	
Discussion	Resolution
<i>Suggested to -</i> ✓ Change the title of '24AI301 Advanced Artificial Intelligence'	✓ Course title changed to '24AI301 Artificial Intelligence and Decision Making'
Semester V	
Discussion	Resolution
<i>Suggested to -</i> ✓ 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	
Discussion	Resolution

Suggested to -	✓ 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.
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B.TECH. CSBS

Item No. RMKEC/BoS/CSE/2024-25/11/01	To consider and approve the R2024 B.Tech. (CSBS) curriculum for the students admitted during 2024-25.
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General Suggestions:

Discussion	Resolution
• 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.TECH. IT

Item No. RMKEC/BoS/CSE/2024-25/11/11	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
Discussion	Resolution
Suggested to –	<ul style="list-style-type: none"> ✓ Included Wireless and Mobile Communication instead of Generative AI ✓ Generative AI is added in to Electives.

Semester I

Discussion	Resolution
Suggested to –	<ul style="list-style-type: none"> ✓ Reorganize the syllabus flow for the course 24IT201 - Data Structures and Algorithms.

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]



*BoS Chairman
1st 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.

2nd 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