



# 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






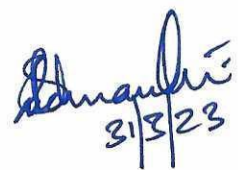

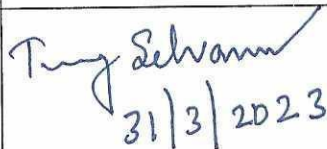
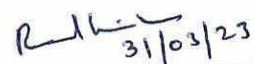
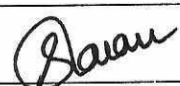
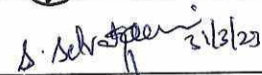
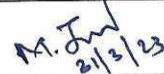
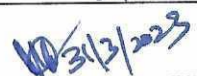
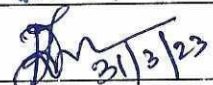
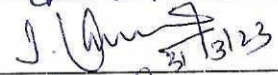


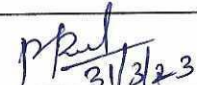
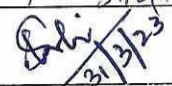
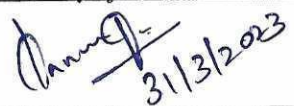
## Department of Information Technology




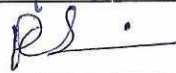

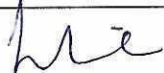
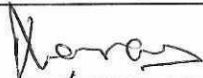
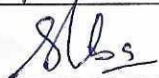



Ref. No. RMKEC/BoS/MoM/IT/2022-2023/02

Date: 31.03.2023

### MINUTES OF BOARD OF STUDIES MEETING

Name of the Board	Information Technology	
Programmes Offered	B.Tech Information Technology B.Tech Computer Science and Business Systems	
Date, Time and Venue	31.03.2023 (Friday), 11:00 AM	
Meeting No.	06	
Notification No. and Date	RMKEC/BOS/COE/2022-23/02/ and 23.03.2023	
<b>SPECIAL INVITEES</b>		
<b>Mr. R. M. Kishore</b> , Vice Chairman, R.M.K. Group of Institutions		
<b>Dr. M. S. Palanichamy</b> , Advisor, R.M.K. Group of Institutions		
<b>Dr. K. A. Mohamed Junaid</b> , Principal, R.M.K. Engineering College		
<b>Dr. S. Pavai Madheswari</b> , Academic Coordinator, R.M.K. Engineering College		
<b>BoS MEMBERS</b>		
<b>Position in Board of Studies</b>	<b>Details of the Member</b>	<b>Signature of the Member</b>
Board of Studies Chairman	<b>Dr. M. Sheerin Banu</b> Professor and Head Department of Information Technology R.M.K. Engineering College	 31.3.2023
Subject Expert from Outside the Parent University	<b>Dr. R. Dhanalakshmi</b> Associate Professor and Head of the Department Department of Computer Science and Engineering, Indian Institute of Information Technology, Trichy (IIIT, Trichy)	
	<b>Dr. S. Geetha</b> Professor and Associate Dean School of Computing Science and Engineering, VIT University Chennai Campus, Chennai	

Position in Board of Studies	Details of the Member	Signature of the Member
Expert Nominated from Anna University	<b>Dr. S. Padmavathi</b> Professor Department of Information Technology Thiagarajar College of Engineering, Madurai	 31/3/23
Industry Representative	<b>Mr. Rajkumar Sivasubramanian</b> Associate Director Learning and Campus Virtusa Consulting Services Private Limited, Chennai	 21/3/2023
Postgraduate Meritorious Alumnus	<b>Ms. K. Sathiarekha</b> Senior Programmer Analyst Zifo RnD Solutions, Chennai	
Expert from Outside the College	<b>Mr. S. Thamaraiselvam</b> Faculty Zoho School of Technology Zoho Corporation Pvt. Ltd., Chennai	 31/3/2023
Entire Faculty of Information Technology	<b>Dr. S. Radhika,</b> Professor / IT	 31/03/23
	<b>Dr. K. Saravanan,</b> Associate Professor / IT	
	<b>Dr. S. Selvakanmani,</b> Associate Professor / IT	 21/3/23
	<b>Dr. M. Jayaprakash,</b> Associate Professor / IT	 21/3/23
	<b>Dr. T. Mahalingam,</b> Associate Professor / IT	 31/3/2023
	<b>Ms. R. Rajitha Jasmine,</b> Assistant Professor / IT	 31/3/23
	<b>Dr. J. Umamageswaran,</b> Assistant Professor / IT	 31/3/23
	<b>Mr. L. Vinoth Kumar,</b> Assistant Professor / IT	 31/3/23
	<b>Mr. N. Shanmugam,</b> Assistant Professor / IT	 31/3/23
	<b>Ms. M. Rekha,</b> Assistant Professor / IT	 31/3/23
	<b>Ms. S. Shobana,</b> Assistant Professor / IT	 31/3/23
	<b>Ms. M. Kanniga Parameshwari,</b> Assistant Professor / IT	 31/3/2023

Position in Board of Studies	Details of the Member	Signature of the Member
	<b>Ms. K. Selvi</b> Assistant Professor / IT	
	<b>Ms. R. Karthiga</b> Assistant Professor/IT	
Entire Faculty of Computer Science and Business Systems	<b>Dr. K. Chidambarathanu</b> Professor & Head / CSBS	
	<b>Dr.P.Umaeswari</b> Associate Professor / CSBS	
	<b>Ms. S. Jhansi Ida</b> Assistant Professor / CSBS	
	<b>Ms. C. Indhumathi</b> Assistant Professor / CSBS	
	<b>Mr. B. Jayaram</b> Assistant Professor / CSBS	
	<b>Ms. C. Mary Shiba</b> Assistant Professor / CSBS	
	<b>Mr. C. M. Varun</b> Assistant Professor / CSBS	
	<b>Ms. L. P. Sajitha</b> Assistant Professor / CSBS	
	<b>Ms. M. Sindhu</b> Assistant Professor/CSBS	





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## Department of Information Technology

Dr. M. Sheerin Banu, Chairman, Board of Studies of Information Technology welcomed all the members to the 6<sup>th</sup> meeting of the Board of Studies (BoS) of Information Technology. The Chairman, Board of Studies introduced all the members and gave an introduction about the Institution and achievements of the Department. After the brief introduction, the agenda items listed were taken up for discussion and the following resolutions were passed.

The minutes of Sixth BoS meeting are as follows:

<b>Item No. RMKEC/BoS/IT/2022-23/06/01</b>	<b>To consider and ratify the following of B.Tech. Information Technology (Knowledge Partner and Powered by Virtusa)</b>  <b>a. 2020 Curriculum and Syllabi for the students admitted from the academic year 2021 – 22 onwards.</b> <b>b. 2022 Curriculum from I to VIII Semesters for the students admitted from the academic year 2022 – 23 onwards.</b> <b>c. 2022 Curriculum for I and II Semesters for the students admitted from the academic year 2023 – 24 onwards.</b>
<b>General Suggestions:</b>	
<b>Discussion</b>	<b>Resolution</b>
• Dr.S.Padmavathy suggested listing the courses for Honours and Minor Degree separately.	• Suggestion incorporated

<ul style="list-style-type: none"> <li>Mr.S.Rajkumar suggested to rename the Honours Degree Course Full Stack Engineering as Front End Engineering</li> </ul>	<ul style="list-style-type: none"> <li>Suggestion incorporated</li> </ul>
<ul style="list-style-type: none"> <li>Dr.R.Dhanalakshmi suggested that the fundamental courses in Quantum Computing are repeated. Instead, Quantum Cryptography can be included.</li> </ul>	<ul style="list-style-type: none"> <li>Suggestion incorporated</li> </ul>
<ul style="list-style-type: none"> <li>Dr.R.Dhanalakshmi suggested including Digital Image Processing as an elective course under Media Processing Vertical. She also suggested to remove the course Video Creation and Editing under Media Processing Vertical.</li> </ul>	<ul style="list-style-type: none"> <li>Suggestions incorporated</li> </ul>
<ul style="list-style-type: none"> <li>Dr.Geetha suggested to rename the elective course Computer Graphics for Virtual Reality under Media Processing Vertical as Computer Graphics</li> </ul>	<ul style="list-style-type: none"> <li>Suggestion incorporated</li> </ul>
<ul style="list-style-type: none"> <li>Dr.Geetha suggested including Malware Analysis as an elective course under Cyber Security Vertical. She also suggested to remove the course Network Security under Cyber Security Vertical.</li> </ul>	<ul style="list-style-type: none"> <li>Suggestions incorporated</li> </ul>
<p align="center"><b>The BoS approved the Item No. RMKEC/BoS/IT/2022-23/06/01</b>  (2020 Curriculum and Syllabi for the students admitted from the academic year 2021 – 22 onwards of UG - B.Tech. – Information Technology is enclosed in Annexure – I)</p>	
<p align="center">(2022 Curriculum from I to VIII Semesters for the students admitted from the academic year 2022 – 23 onwards of UG - B.Tech. – Information Technology is enclosed in Annexure – II)</p>	
<p align="center">(2022 Curriculum for I and II Semesters for the students admitted from the academic year 2023 – 24 onwards of UG - B.Tech. – Information Technology is enclosed in Annexure – III)</p>	

<b>Item No.</b> <b>RMKEC/BoS/IT/2022-23/06/02</b>	<b>To consider and approve the 2022 Syllabi for III and IV Semester Courses offered by the Department of Information Technology (for the students admitted from the academic year 2022 – 23 onwards).</b>
<b>General Suggestions:</b>	
<b>Discussion</b>	<b>Resolution</b>
<ul style="list-style-type: none"> <li>The Board Chairman presented the 2022 Syllabi for III and IV Semester Courses offered by the Department of Information Technology (for the students admitted from the academic year 2022 – 23 onwards).</li> </ul>	<ul style="list-style-type: none"> <li>Approved with no modifications</li> </ul>
<p align="center"><b>The BoS approved the Item No. RMKEC/BoS/IT/2022-23/06/02</b> (2022 Syllabi for III and IV Semester Courses offered by the Department of Information Technology is enclosed in Annexure – IV)</p>	

<b>Item No. RMKEC/BoS/IT/2022-23/02/03</b>	<b>To consider and approve Syllabi of VII and VIII Semester 2020 Curriculum B.Tech Computer Science and Business Systems Programme for the students admitted from the academic year 2020 – 21 onwards</b>
<b>General Suggestions:</b>	
<b>Discussion</b>	<b>Resolution</b>
<ul style="list-style-type: none"> <li>HoD-CSBS presented the 2020 Curriculum and Syllabi of VII and VIII Semester of UG B.Tech – CSBS</li> <li>Dr. S. Geetha suggested to update the name of the course IT workshop</li> </ul>	<ul style="list-style-type: none"> <li>Suggestions incorporated</li> </ul>
<p align="center"><b>The BoS approved the Item No. RMKEC/BoS/IT/2022-23/02/04a</b> (The 2020 Curriculum and Syllabi of VII and VIII Semester of UG B.Tech – CSBS is enclosed in Annexure V)</p>	
<b>Item No. RMKEC/BoS/IT/2022-23/02/04a</b>	<b>To consider and ratify 2020 Curriculum and Syllabi for the students admitted from the academic year 2021 – 22 onwards</b>
<b>General Suggestions:</b>	
<b>Discussion</b>	<b>Resolution</b>
HoD-CSBS presented the 2020 Curriculum and Syllabi including Honours degree and Minor Degree courses of UG B.Tech – CSBS for the students admitted from the academic year 2021 – 22 onwards	Approved with no modifications



<p align="center"><b>The BoS approved the Item No. RMKEC/BoS/IT/2022-23/02/03</b> (The 2020 Curriculum and Syllabi of 2020 Curriculum and Syllabi including Honours degree and Minor Degree courses of UG B.Tech – CSBS for the students admitted from the academic year 2021 – 22 onwards is enclosed in Annexure VI )</p>	
<p><b>Item No. RMKEC/BoS/IT/2022-23/02/04b</b></p>	<p><b>To consider and ratify 2022 Curriculum from I to VIII Semesters for the students admitted from the academic year 2022 – 23 onwards</b></p>
<p><b>General Suggestions:</b></p>	
<p align="center"><b>Discussion</b></p>	<p align="center"><b>Resolution</b></p>
<p>HoD-CSBS presented the 2022 Curriculum of UG B.Tech – CSBS for the students admitted from the academic year 2022 – 23 onwards</p>	<p>Approved with no modifications</p>
<p align="center"><b>The BoS approved the Item No. RMKEC/BoS/IT/2022-23/02/04b</b> (The 2022 Curriculum of UG B.Tech – CSBS for the students admitted from the academic year 2022 – 23 onwards is enclosed in Annexure VII)</p>	
<p><b>Item No. RMKEC/BoS/IT/2022-23/02/04c</b></p>	<p><b>To consider and ratify 2022 Curriculum for I and II Semesters for students admitted from the academic year 2023 – 24 onwards</b></p>
<p><b>General Suggestions:</b></p>	
<p align="center"><b>Discussion</b></p>	<p align="center"><b>Resolution</b></p>
<p>HoD-CSBS presented the 2022 Curriculum of UG B.Tech – CSBS for students admitted from the academic year 2023 – 24 onwards</p>	<p>Approved with no modifications</p>
<p align="center"><b>The BoS approved the Item No. RMKEC/BoS/IT/2022-23/02/04c</b> (The 2022 Curriculum of UG B.Tech – CSBS for students admitted from the academic year 2023 – 24 onwards is enclosed in Annexure VIII )</p>	
<p>Item No. RMKEC/BoS/IT/2022-23/02/05</p>	<p>To consider and approve III and IV Semester Syllabi of B.Tech Computer Science and Business Systems Curriculum 2022 (for the students admitted from the academic year 2022 – 23 onwards)</p>
<p><b>General Suggestions:</b></p>	
<p align="center"><b>Discussion</b></p>	<p align="center"><b>Resolution</b></p>
<p>HoD-CSBS presented the III and IV Semester Syllabi of B.Tech Computer Science and Business Systems Curriculum 2022 for the students admitted from the academic year 2022 – 23 onwards</p>	<p>Approved with no modifications</p>
<p align="center"><b>The BoS approved the Item No. RMKEC/BoS/IT/2022-23/02/05</b> (The III and IV Semester Syllabi of UG B.Tech – CSBS is enclosed in Annexure IX)</p>	

<b>Item No.</b> <b>RMKEC/BoS/IT/2022-23/06/06</b>	<b>To approve the panel of external examiners for end semester theory and practical examinations.</b>
<b>Discussion</b>	<b>Resolution</b>
<ul style="list-style-type: none"> <li>The Board Chairman presented the panel of examiners for End Semester Examinations.</li> </ul>	<ul style="list-style-type: none"> <li>Approved with no modifications</li> </ul>
<b>The BoS approved the Item No. RMKEC/BoS/IT/2022-23/06/06</b> (The Panel of Examiners list is enclosed in Annexure – X)	

After the discussions and corrections, it was unanimously decided to approve 2020 Curriculum and Syllabi of B.Tech. – IT for the students admitted from the academic year 2021 – 22 onwards, 2022 Curriculum of B.Tech. – IT from I to VIII Semesters for the students admitted from the academic year 2022 – 23 onwards, 2022 Curriculum for II Semesters of B.Tech and I. – IT for the students admitted from the academic year 2023 – 24 onwards, 2022 Syllabi for III and IV Semester Courses offered by the Department of Information Technology for the students admitted from the academic year 2022 – 23 onwards, Syllabi of VII and VIII Semester 2020 Curriculum B.Tech CSBS for the students admitted from the academic year 2020 – 21 onwards, 2020 Curriculum and Syllabi of B.Tech. – CSBS for the students admitted from the academic year 2021 – 22 onwards, 2022 Curriculum of B.Tech. – CSBS from I to VIII Semesters for the students admitted from the academic year 2022 – 23 onwards, 2022 Curriculum of B.Tech. – CSBS for I and II Semesters for students admitted from the academic year 2023 – 24 onwards, III and IV Semester Syllabi of B.Tech CSBS Curriculum 2022 for the students admitted from the academic year 2022 – 23 onwards and approve the amendment in panel of examiners for End Semester Examinations to be conducted during the academic year 2022-23.



The BoS Members appreciated the effort taken by the faculty members.  
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.





*[Signature]*  
**BoS Chairman** 31.3.2023

**Dr. M. SHEERIN BANU, M.Tech. Ph.D**  
 PROFESSOR & HEAD  
 DEPARTMENT OF INFORMATION TECHNOLOGY  
 R.M.K. ENGINEERING COLLEGE  
 R.S.M. NAGAR, KAVARAIPETTAI - 601 206.

Original to COE

Copy to:

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

Encl:

1. Annexure – I: 2020 Curriculum and Syllabi for the students admitted from the academic year 2021 – 22 onwards of UG - B.Tech. – Information Technology
2. Annexure – II: 2022 Curriculum from I to VIII Semesters for the students admitted from the academic year 2022 – 23 onwards of UG - B.Tech. – Information Technology
3. Annexure – III: 2022 Curriculum for I and II Semesters for the students admitted from the academic year 2023 – 24 onwards of UG - B.Tech. – Information Technology
4. Annexure – IV: 2022 Syllabi for III and IV Semester Courses offered by the Department of Information Technology
5. Annexure – V: Syllabi of VII and VIII Semester 2020 Curriculum B.Tech Computer Science and Business Systems Programme (TCS Powered Program) for the students admitted from the academic year 2020 – 21 onwards
6. Annexure – VI: 2020 Curriculum and Syllabi for the students admitted from the academic year 2021 – 22 onwards of B.Tech Computer Science and Business Systems
7. Annexure – VII: 2022 Curriculum from I to VIII Semesters for the students admitted from the academic year 2022 – 23 onwards of B.Tech Computer Science and Business Systems
8. Annexure – VIII: 2022 Curriculum for I and II Semesters for students admitted from the academic year 2023 – 24 onwards of B.Tech Computer Science and Business Systems
9. Annexure – IX: III and IV Semester Syllabi of B.Tech Computer Science and Business Systems Curriculum 2022 (for the students admitted from the academic year 2022 – 23 onwards)
10. Annexure – X: Panel of Examiners



*[Signature]*  
**Principal** 31/03/23

**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.