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
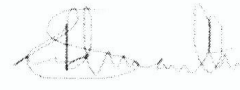
Ref. No. RMKEC/BoS/MoM/IT/2020-21/01

Date: 22.10.2020
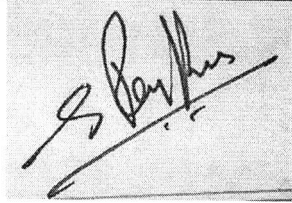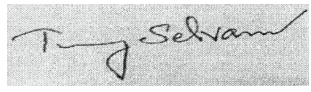
MINUTES OF BOARD OF STUDIES MEETING

Name of the Board	Information Technology
Programmes Offered	B.Tech Information Technology
	B.Tech Computer Science and Business Systems
Date, Time and Venue	22.10.2020 (Thursday), 4:00 PM and Online Mode
Meeting No.	01
Notification No. and Date	RMKEC/BOS/COE/2020/01/ and 19.10.2020

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. M. Sheerin Banu** Professor and Head Department of Information Technology R.M.K. Engineering College	
Subject Expert from Outside the Parent University	**Dr. R. Dhanalakshmi** Associate Professor and Head of the Department Department of Computer Science and Engineering, Indian Institute of Information Technology, Trichy (IIIT, Trichy)	
	Dr. S. Geetha Professor and Associate Dean School of Computing Science and Engineering, VIT University Chennai Campus, Chennai	

Information Technology, RMKEC – 1st BoS Meeting MoM – 22.10.2020

1

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,

Position in Board of Studies	Details of the Member	Signature of the Member
Expert Nominated from Anna University	**Dr. S. Padmavathi** Professor Department of Information Technology Thiagarajar College of Engineering, Madurai	
Industry Representative	**Mr. Rajkumar Sivasubramanian** Associate Director Virtusa Software Services Private Limited, Chennai	
Postgraduate Meritorious Alumnus	**Ms. K. Sathiarekha** Senior Software Engineer Wipro Limited, Chennai	K. Sathiarekha.
Expert from Outside the College	**Mr. S. Thamaraiselvam** Faculty Zoho School of Technology Zoho Corporation Pvt. Ltd., Chennai	
Entire Faculty of Information Technology	**Dr. K. Chidambarathanu**, Associate Professor / IT	
	Dr. B. Prathusha Laxmi, Associate Professor / IT	
	Ms. A. Arthi, Associate Professor / IT	
	Ms. R. Rajitha Jasmine, Assistant Professor / IT	
	Ms. S. Jhansi Ida, Assistant Professor / IT	
	Ms. S. A. Angayarkanni, Assistant Professor / IT	
	Ms. L. Ancy Geoferla, Assistant Professor / IT	
	Mr. J. Umamageswaran, Assistant Professor / IT	
	Mr. K. Chitti Babu, Assistant Professor / IT	
	Mr. L. Vinoth Kumar, Assistant Professor / IT	

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.

Information Technology, RMKEC – 1st Bo

RMKEC – 1st BoS Meeting MoM – 22.10.2020

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2

At the outset, the Chairman welcomed all the members to the 1st meeting of the Board of Studies (BoS) of Information Technology. All the members were present for the meeting. The Chairman, Board of Studies of Information Technology 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/IT/2020-21/01/01	To consider and approve the Curriculum of I to VIII Semesters (for the students admitted from the academic year 2020 – 2021 onwards) of B.Tech Information Technology
Discussion	**Resolution**
Dr. S. Padmavathi suggested the following	
• Suggested to reduce the total number of credits of the B.Tech. Information Technology programme to minimum of 160 credits as per the AICTE norms	• The number of credits for B.Tech Information Technology is in line with 2017 Regulation Anna University Curriculum
• Suggested to reduce the number of credits in III Semester as lateral entry students are being admitted in III Semester and shift the subjects with higher difficulty level to higher Semesters	• The number of credits is reduced in III Semester
• Suggested to include tutorial hours for the Analytical Courses	• Tutorial hours are included for Engineering Mathematics – I, Engineering Mathematics – II, Discrete Mathematics, Probability and Statistics and Design and Analysis of Algorithm
• Suggested to differentiate Mini project course offered in different Semesters	• Mini Project is differentiated as Mini Project – I and Mini Project – II
• Suggested to differentiate Project Phase I & II with the components	• Project Phase – I will have Design and Development of Prototype and Project Phase - II will have the Implementation of actual Product

Dr. R. Dhanalakshmi suggested the following	
Discussion	**Resolution**
• Suggested to reduce the total number of credits of the B.Tech. Information Technology programme to minimum of 160 credits as per the AICTE norms	• The number of credits for B.Tech Information Technology is in line with 2017 Regulation Anna University Curriculum
• Suggested to include Mini Project as one of the exercises for Lab Integrated Courses	• Mini Project will be included for all Lab Integrated Courses
• Suggested to swap Design and Analysis of Algorithms course which is in IV semester to III semester and Computer Architecture course which is in III semester to IV semester	• Computer Architecture in III Semester is swapped with Design and Analysis of Algorithm in IV Semester
• Suggested to have Mathematics course up to 4 semesters (I sem to IV Sem)	• Mathematics Courses are offered till IV Semester. Algebra and Number Theory in V Semester is included in Professional Electives
• Suggested that the courses Algebra and Number Theory and Cryptography and Network security could be included in Professional Electives	• Algebra and Number Theory in V Semester and Cryptography and Network Security in VI Semester are included in Professional Electives
Dr. S. Geetha suggested the following	
Discussion	**Resolution**
• Suggested to reduce the total number of credits of the B.Tech. Information Technology programme to minimum of 160 credits as per the AICTE norms	• The number of credits for B.Tech Information Technology is in line with 2017 Regulation Anna University Curriculum
• Suggested to swap III Semester Database Management Systems Theory Course and Database Management Systems Laboratory Course to IV Semester and IV Semester Operating Systems Theory Course and Operating Systems Laboratory Course to III semester	• Swapped the III Semester Database Management Systems Theory Course and Database Management Systems Laboratory Course to IV Semester and IV Semester Operating Systems Theory Course and Operating Systems Laboratory Course to III semester
• Suggested to update the Text Books	• All the Text Books are updated with

with recent edition	recent edition
• Online MOOC courses listing should be given for the students to select one of the courses	• Online MOOC Courses with 12 Weeks duration are identified
• Suggested to have Machine learning course as core subject instead of elective subject	• Computational Intelligence is included in VI Semester as a Lab Integrated Course with three units for Machine Learning Algorithms
• Suggested to include latest technology subjects such as Quantum computing, Cyber Physical Systems, Computer Vision and Design thinking as Professional Electives.	• Quantum Computing, Cyber Physical Systems, Computer Vision and Design Thinking are included in Professional Electives

Mr. Rajkumar Sivasubramanian suggested the following

Discussion	Resolution
• Suggested to include Business Use Cases for Object Oriented Analysis and Design Laboratory as functional programming and design is important for real time scenarios	• Business Use Cases are included in Object Oriented Analysis and Design Laboratory

Mr. S. Thamaraiselvam suggested the following

Discussion	Resolution
• Suggested to reduce the total number of credits of the B.Tech. Information Technology programme to minimum of 160 credits as per the AICTE norms	• The number of credits for B.Tech Information Technology is in line with 2017 Regulation Anna University Curriculum
• Suggested to include Compiler Design Course in Professional Electives	• Compiler Design Course is included in Professional Electives
• Suggested to include tutorial hours for the Analytical Courses	• Tutorial hours are included for Discrete Mathematics, Probability and Statistics and Design and Analysis of Algorithm

Item No. RMKEC/BoS/IT/2020-21/01/02	To consider and approve the Curriculum and Syllabi of I and II Semesters (for the students admitted from the academic year 2020 – 2021 onwards) of B.Tech Information Technology
Discussion	**Resolution**
Dr. S. Geetha suggested the following	
• Suggested to update the Data Structures Text Books with recent edition	• Data Structures Text books are updated with recent edition
Mr. Rajkumar Sivasubramanian suggested the following	
• Suggested to conduct Hackathon as a part of C Programming Lab and Data Structures Lab	• In C Programming Lab and Data Structures Lab, Hackathon will be organized
Mr. S. Thamaraiselvam suggested the following	
• Suggested to make the students to practice on HackerRank, Hackerearth platforms in order to improve the coding skills for C Programming and Python Programming Courses	• Through Virtusa Batch Adoption Program, Students will be exposed to HackerRank and Hackerearth Platforms for coding practice

Item No. RMKEC/BoS/IT/2020-21/01/03	To consider and approve the Curriculum and Syllabi of I and II Semesters (for the students admitted from the academic year 2020 – 2021 onwards) of B.Tech Computer Science and Business Systems
Discussion	**Resolution**
• Suggested to include TCS Business Use Cases in Laboratory Courses	• TCS Business Use Cases will be included in Laboratory Courses

After the discussions and corrections, it was unanimously decided to approve the Curriculum of I to VIII Semesters (for the students admitted from the academic year 2020-2021 onwards) of B.Tech Information Technology, Curriculum and Syllabi of I and II Semesters (for the students admitted from the academic year 2020-2021 onwards) of B.Tech Information Technology and Curriculum and Syllabi of I and II Semesters (for the students admitted from the academic year 2020-2021 onwards) of B.Tech Computer Science and Business Systems.

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.

BoS Chairman
<Signature with Seal>
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.

Principal
<Signature with Seal>
Dr. K.A. MOHAMED JUNAID, M.E.,Ph.D.,
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