



R.M.K COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution)

RSM NAGAR, PUDUVOYAL-601206

Affiliated to Anna University, Chennai/Approved by AICTE, New Delhi

Accredited by NAAC with A Grade / All the Eligible UG Programs are Accredited by NBA, New Delhi



Minutes of Board of Studies Meeting
CSE, AIDS,
CSE (CS) & ECE
Regulation 2022



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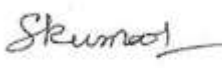

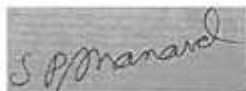
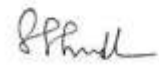
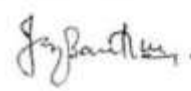


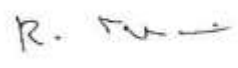
Department of Science and Humanities

Ref. No.: RMKCET/BoS/MoM/S&H/2021-22/03

Date: 02.11.2022

MINUTES OF BOARD OF STUDIES MEETING

Name of the Board	Science and Humanities	
Date, Time and Venue	02.11.2022 (Wednesday), 10.00 AM and Online Mode	
Meeting No.	03	
Notification No. & Date	RMKCET/Autonomous/BoS/S&H/003/2022 & 29.10.2022	
Special Invitees		
1. Dr. M. S. Palanichamy, Advisor, R. M. K. Group of Institutions 2. Dr. K. Ramar, Principal, R.M.K. College of Engineering and Technology 3. Dr. K. Sivaram, Dean Research, R.M.K. College of Engineering and Technology		
BoS Members		
Position in Board of Studies	Details of the Member	Signature of the Member
Chairman, Board of Studies	Dr. K. A. Selvakumaran Prof. & Head Dept. of Science and Humanities RMKCET.	
Anna University Nominee	Dr. Y. Vidyalakshmi Associate Professor Department of Physics CEG Campus, Anna University Chennai – 600 025.	
Subject Expert from Outside Parent University	I. Dr. K. C. Sivakumar Professor Department of Mathematics Indian Institute of Technology Chennai.	

	2. Dr. S. Kumar Professor, Department of Physics Annamalai University Chidambaram.	
	3. Dr. Sambandam Anandan Professor Department of Chemistry National Institute of Technology Tiruchirappalli.	 Dr. S. ANANDAN, M.Sc., Ph.D., Professor Nanomaterials & Solar Energy Conversion Lab Department of Chemistry National Institute of Technology Tiruchirappalli - 620 015, India
	4. Dr. S. P. Dhanavel Professor, Department of English Indian Institute of Technology Chennai.	
	5. Dr. S. S. Sridhar Professor, Department of CSE SRM Institute of Science and Technology, Kattankulathur.	
Industry Representative	Dr. S. N. Jaisankar Sr. Principal Scientist, CLRI Sardar Patel Road Adyar, Chennai.	
Post Graduate Meritorious Alumnus	Ms. B. Ragavi, M.E., Senior Engineer, Siemens Gamesa Renewable Energy Private Limited, Chennai.	
Expert from Outside the College	1. Dr. R. Muthucumaraswamy Professor, Department of Maths Venkateswara College of Engineering, Sriperumbudur.	
	2. Dr. R. Joseph Ponniah Professor, Department of English National Institute of Technology Tiruchirappalli.	
Faculty Members	All faculty members of S&H Department	

The Chairman, Board of Studies of Science and Humanities Department, welcomed all the members to the 3rd Board of Studies Meeting of S&H Department. All the members were present for the

meeting. The Chairman introduced all the members present and gave an introduction about the Institution and the Department. The Chairman briefed the Agenda to be discussed.

The Minutes of the meeting are as follows:

Item No. RMKCET/BoS/S&H/2021-22/03/		To consider and approve the Syllabi of the Subjects offered by the S&H Department for I and II Semester UG Programs (for the students admitted from the Academic Year 2022 – 2023 onwards).
No.	Discussion	Resolution
01	Professional Communication	Approved
02	Matrices and Calculus	Approved
03	Transforms and Numerical Methods	Approved
04	Physics for Electronics Engineering	Approved
05	Physics for Computer Science and Information Technology	Approved
06	Engineering Chemistry	Approved
07	Environmental Science and Sustainability	Approved
08	Computer Aided Engineering Graphics	Approved
09	Product Development Lab – 1	Approved
10	Product Development Lab – 2	Approved

Item No. RMKCET/BoS/S&H/2021-22/03/01	To consider and approve the Syllabus of Professional Communication offered to I Semester ECE and II Semester CSE, CSE (CS) and ADS Branches (for the students admitted from the Academic Year 2022 – 2023 onwards).
Discussion	Resolution
Dr. S. P. Dhanavel appreciated the English Division for the well-crafted syllabus. Dr. R. Joseph Ponnaiah complimented the English Division for adding the appropriate grammatical topics.	Approved

Item No. RMKCET/BoS/S&H/2021-22/03/02	To consider and approve the Syllabus of Matrices and Calculus offered to all I semester B.E./B.Tech. Programs (for the students admitted from the Academic Year 2022 – 2023 onwards).
Discussion	Resolution
<p>The BoS Members expressed that the Syllabus is well-framed.</p> <p>Dr. K. C. Sivakumar, mentioned that the content in UNIT II is less and suggested to include Optimization Techniques.</p> <p>Dr. K. A. Selvakumaran, HoD, S&H explained that the topics in Unit II covers both Cartesian and Polar Forms and also Special curves like Cycloid and Asteroid.</p> <p>The BoS Members have accepted.</p>	Approved
Item No. RMKCET/BoS/S&H/2021-22/03/03	To consider and approve the Syllabus of Transforms and Numerical Methods offered to all II semester B.E./B.Tech. programs (for the students admitted from the Academic Year 2022 – 2023 onwards).
Discussion	Resolution
<p>Dr. K. C. Sivakumar suggested to change the experiment “Evaluating Line Integrals” as “Evaluating Integrals” in the list of Experiments of Unit V</p>	Incorporated Approved
Item No. RMKCET/BoS/S&H/2021-22/03/04	To consider and approve the Syllabus of Physics for Electronics Engineering offered to I Semester ECE Branch (for the students admitted from the Academic Year 2022 – 2023 onwards).
Discussion	Resolution
<p>Dr. Y. Vidyalakshmi, suggested to add “Introduction to Classical, Quantum and Zone theories” in the beginning of Unit II.</p>	Considered and Incorporated Approved

Item No. RMKCET/BoS/S&H/2021-22/03/05	To consider and approve the Syllabus of Physics for Computer Science and Information Technology offered to II Semester CSE, CSE (CS), ADS Branches (for the students admitted from the Academic Year 2022 – 2023 onwards).
Discussion	Resolution
Dr. Y. Vidyalakshmi, suggested to add “Introduction to Classical, Quantum and Zone theories” in the beginning of Unit II. Dr. Y. Vidyalakshmi, suggested to add “Quantum Dot Laser” in Unit IV.	Considered and Incorporated Approved

Item No. RMKCET/BoS/S&H/2021-22/03/06	To consider and approve the Syllabus of Engineering Chemistry offered to I Semester CSE, CSE(CS), ADS and II Semester ECE Branches (for the students admitted from the Academic Year 2022 – 2023 onwards).
Discussion	Resolution
Dr. S. N. Jaisankar suggested to expand the abbreviation of SMA and to highlight the Laboratory Experiments given under each Unit.	The suggestions of the members are incorporated and Laboratory Experiments are highlighted. Approved

Item No. RMKCET/BoS/S&H/2021-22/03/07	To consider and approve the Syllabus of Environmental Science and Sustainability offered to I Semester ECE and II Semester CSE, CSE (CS) Branches (for the students admitted from the Academic Year 2022 – 2023 onwards).
Discussion	Resolution
Dr. Sambandam Anandan suggested expanding the abbreviation of OTE.	The same suggestion is incorporated. Approved

Item No. RMKCET/BoS/S&H/2021-22/03/08	To consider and approve the Syllabus of Computer Aided Engineering Graphics offered to I Semester CSE, CSE (CS), ADS and II Semester ECE Branches (for the students admitted from the Academic Year 2022 – 2023 onwards).
Discussion	Resolution
Dr. K C Sivakumar suggested to highlight the Laboratory component.	Incorporated Approved

Item No. RMKCET/BoS/S&H/2021-22/03/09	To consider and approve the Syllabus of Product Development Lab – 1 offered to all I semester B.E./B.Tech. Programs (for the students admitted from the Academic Year 2022 – 2023 onwards).
Discussion	Resolution
The members mentioned that the Syllabus is well-framed.	Approved

Item No. RMKCET/BoS/S&H/2021-22/03/10	To consider and approve the Syllabus of Product Development Lab – 2 offered to all II semester B.E./B.Tech. Programs (for the students admitted from the Academic Year 2022 – 2023 onwards).
Discussion	Resolution
The members mentioned that the Syllabus is well-drafted.	Approved

After the discussions and corrections, it was unanimously decided to approve the Syllabi of the Courses offered by the Science and Humanities Department for I and II Semester UG Programs (for the students admitted from the Academic Year 2022 – 2023 onwards under Regulation 2022).

The copy of the Syllabi is enclosed for the kind reference of BoS members.

The Chairman of the Board of Studies thanked all the members for their valuable suggestions and feedback.

BoS Chairman
(Signature with Seal)

Dr. K.A. Selvakumaran, M.Sc., M.Phil., Ph.D.
Professor and Head
Department of Science and Humanities
R M K College of Engineering and Technology
Puduvoyal - 601206.



Principal
(Signature with Seal)

Dr. K. RAMAR B.E., M.E., Ph.D., FIE
PRINCIPAL
R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY
PUDUVOYAL, GUMMIDIPOONDI TALUK - 601206.

Original to COE

Copy to:

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



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Minutes of Board of Studies Meeting

CSE & AIDS

Regulation 2021



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Department of Computer Science and Engineering

Ref. No. RMKCET/BoS/MoM/CSE/2021-22/04

Date: 04.07.2022

MINUTES OF BOARD OF STUDIES MEETING

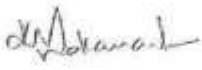


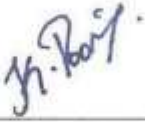

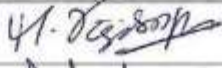
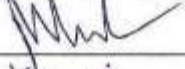


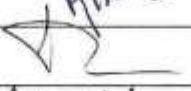
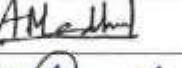
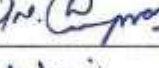
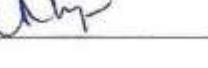

Name of the Board	Computer Science and Engineering
Programmes Offered	B.E - Computer Science and Engineering, B.Tech - Artificial Intelligence & Data Science
Date, Time and Venue	02.07.2022 (Saturday), 10.30 AM and Online Mode
Meeting No.	04
Notification No. and Date	RMKCET/Autonomous/BOS/CSE/ 004/2021-22 and 02.07.2022

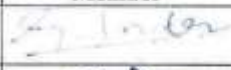

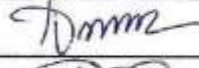
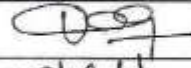
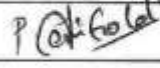



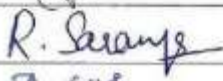
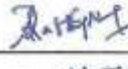
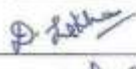
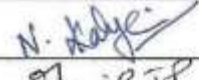
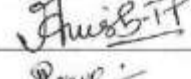
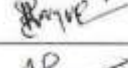
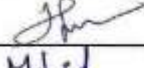
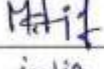
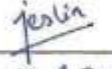



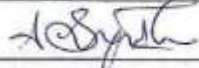

SPECIAL INVITEES

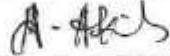

Dr. M. S. PALANICHAMY, Advisor, R.M.K. Group of Institutions
Dr. K.RAMAR, Principal, R.M.K. College of Engineering and Technology
Dr. K.SIVARAM, Dean-Research, R.M.K. College of Engineering and Technology

BOARD OF STUDIES MEMBERS

Position in Board of Studies	Details of the Member	Signature of the Member
Board of Studies Chairman	Dr. D. Paulraj Professor and Head, Department of Computer Science and Engineering, R.M.K.College of Engineering and Technology.	
Expert Nominated from Anna University	Dr.M.R. Sumalatha Professor, Department of Information Technology, MIT Campus, Anna University, Chennai – 600 044.	

Position in Board of Studies	Details of the Member	Signature of the Member
Subject Expert from Outside the Parent University	Dr. K. Vivekanandan Professor/ Dept. of CSE Pondicherry Engineering College Pillaichavadi, Puducherry - 605 014	
	Dr. B. Rajesh Kanna Professor, School of Computer Science & Engineering Vellore Institute of Technology, Chennai, Tamilnadu, India	
Industry Representative	Mr. Lawrence Mohanraj General Manager-IBM India Country Leader-IBM Academic Initiative India and South Asia IBM India Pvt. Ltd Chennai, Tamil Nadu, India	
Postgraduate Meritorious Alumnus	Ms. Poornima K Project Manager at Datazoic Pvt. Ltd. Perungudi, OMR, Chennai.	
Expert from Outside the College	Dr. A Kannan Senior Professor, CSE Vellore Institute of Technology Vellore Campus Vellore - 632 014 Tamilnadu, India	
Entire Faculty of Computer Science and Engineering	Dr. VIGILSON PREM M Professor, CSE	
	Dr.P.VALARMATHIE Professor, CSE	
	Dr. PRATHUSHA LAXMI B Associate Professor, AI&DS	
	Dr.UMA MAHESWARI G Associate Professor, CSE	
	Dr.KALAISELVI R Associate Professor, CSE	
	Mr. NARESH SAMMETA Associate Professor, CSE	
	Mr. MADHU A Associate Professor, CSE	
	Mr. SENTHIL PRAKASH P N Associate Professor, CSE	
	Ms. PREM PRIYA P Assistant Professor, CSE	

Position in Board of Studies	Details of the Member	Signature of the Member
	Ms. INDRA G Assistant Professor, CSE	
	Ms. PRIANKA R.R Assistant Professor, CSE	
	Mr. ARUN MANICKA RAJA M Assistant Professor, CSE	
	Mr. REJINPAUL N R Assistant Professor, CSE	
	Ms. JEMI GOLD P Assistant Professor, CSE	
	Mr. VIBITH A S Assistant Professor, CSE	
	Mr. PRAVEEN D S Assistant Professor, CSE	
	Mr. JEMIN V M Assistant Professor, CSE	
	Ms. SARANYA R Assistant Professor, CSE	
	Ms. KATHIJA NASREEN A Assistant Professor, CSE	
	Ms. LEKHA D Assistant Professor, CSE	
	Ms. KALYANI N Assistant Professor, CSE	
	Mr. T.PANISH Assistant Professor, CSE	
	Ms. JAYABHARATHI R Assistant Professor, CSE	
	Mr. MANJULA G Assistant Professor, CSE	
	Ms. M.RAJA SUGUNA Assistant Professor, CSE	
	Ms. GNANA JESLIN.J Assistant Professor, CSE	
	Ms. R.SANDHIYA Assistant Professor, CSE	
	Mr. SIVA ALAGESH S Assistant Professor, CSE	
	MR. GNANA VEL R Assistant Professor, CSE	
	Ms. SANGEETHA A Assistant Professor, CSE	
	Mr. MARIA MICHAEL VISUWASAM L Assistant Professor, AI&DS	

Position in Board of Studies	Details of the Member	Signature of the Member
	Ms. AKILA A Assistant Professor, AI&DS	
	Ms. KARPAGAM T Assistant Professor, AI&DS	

At the outset, Dr. M. S. PALANICHAMY, Advisor R.M.K. Group of Institutions have welcomed all the members to the meeting of the Board of Studies (BoS) of Computer Science and Engineering. All the members were present for the meeting. The Chairman, Board of Studies of Computer Science and Engineering introduced all the members and presented an introduction about the Institution and the Department. The Chairman briefed the agenda to be discussed.

The Chairman, BoS presented the following agenda to the BoS members for approval

1. Syllabi of III and IV Semesters (for the students admitted from the academic year 2021 – 2022 onwards) of B.E. Compute Science and Engineering.
2. The Syllabus of III and IV semesters subjects offered to B.E. (Mech) (for students admitted from the academic year 2021 – 2022 onwards).
3. VII semester, Employability Enhancement Course (Mandatory) - Professional Readiness for Innovation, Employability and Entrepreneurship - Introduced by Anna University.
4. Two more subjects included in the V and VI semester elective bucket namely, Google Cloud Computing Foundation, Introduction to application development offered by Cognizant.

Dr.Prathusha Laxmi, Head AI&DS have presented the Syllabi of III and IV Semesters (for the students admitted from the academic year 2021 – 2022 onwards) of B.Tech Artificial Intelligence and Data Science.

The minutes of the meeting are as follows:

Item No. RMKCET/BoS/CSE/2021-22/04/01,02	<ol style="list-style-type: none"> 1. To consider and approve the Syllabus of III and IV Semester of B.E.(CSE) and B.Tech. (AI&DS) (for students admitted from the academic year 2021 – 2022 onwards). 2. To consider and approve the Syllabus of III and IV semester subjects offered to B.E. Mechanical Engineering (for students admitted from the academic year 2021 – 2022 onwards).
Discussion	Resolution

Semester III

Syllabus of the following subjects of III semester has been presented to the BoS members for suggestion and approval.

CSE Department:

1. Digital Principles and Systems Design (Lab Integrated)
2. Object Oriented Programming
3. Software Engineering
4. Database Management Systems
5. Object Oriented Programming Laboratory
6. Database Management Systems Laboratory
7. Aptitude and Coding Skills – I
8. Mini Project

AI&DS Department

1. Digital Principles and Computer Architecture
2. Introduction to Data Science (Lab Integrated)
3. Mini Project

For Mechanical Engineering Department:

1. Java Programming
2. Java Programming Laboratory

Database Management Systems

Mr. Lawrence Mohanraj have suggested to include data virtualization into this subjects as it would benefit the students to get into the latest growing technology

- This is a broad area of study also the subject, Data Virtualisation, has been included into the electives. However in lab this portion would be conducted to train the students.

APPROVED

Semester IV

Syllabus of the following subjects of IV semester has been presented to the BoS members for suggestion and approval.

CSE Department:

1. Computer Architecture
2. Design and Analysis of Algorithms
3. Internet Programming
4. Operating Systems
5. Microprocessors and Interfacing (Lab Integrated)
6. Internet Programming Laboratory
7. Operating System Laboratory
8. Aptitude and Coding Skills - II
9. Internship

AI&DS Department:

1. Artificial Intelligence
2. Data Analytics
3. Object Oriented Software Engineering
4. Operating System Fundamentals (Lab Integrated)
5. Artificial Intelligence Laboratory

6. Data Analytics Laboratory

7. Internship

For Mechanical Engineering Department:

1. Applications of Programming In Mechanical Engineering

- Microprocessors and Interfacing (Lab Integrated)

Mr. Lawrence Mohanraj have suggested to use the IBM TrueNorth chip so that the students can use the AI&ML based projects.

- Member's suggestion is highly appreciated and it is decided to arrange training from IBM people to the students.

APPROVED

Item No. RMKCET/BoS/CSE/2021-22/01/03	3. To consider and approve the VII semester, Employability Enhancement Course (Mandatory) - Professional Readiness for Innovation, Employability and Entrepreneurship - introduced by Anna University.
Discussion	Resolution
To prepare the students with digital skills for the future, the Experiential Project Based Learning is introduced to give them hands-on experience using digital technologies on open-source platforms with an end-to-end journey to solve a problem. The course " PROFESSIONAL READINESS FOR INNOVATION, EMPLOYABILITY AND ENTREPRENEURSHIP " is the mandatory course introduced by Anna University in Association with the department of information technology, Govt. of Tamil Nadu, in association with ICT Academy Tamilnadu, NASSCOM and IBM. This is an EEC category course offered as an elective, under the type, "Experiential Project Based Learning".	
APPROVED	

Item No. RMKCET/BoS/CSE/2021-22/04/04	4. To consider and approve Two more subjects included in the V and VI semester elective bucket namely, Google Cloud Computing Foundation (CTS), Introduction to application development (CTS).
Discussion	Resolution
Curriculum of the following is the two more subjects offered by Cognizant, have been included into the V and VI semester elective bucket. 1. Google Cloud Computing Foundation 2. Introduction to application development	APPROVED

Dr.K.SIVARAM, Dean Research has gave the consolidation address about the discussion and promised to incorporate all the suggestions rendered by the BoS members.

After the discussions and corrections, it was unanimously decided to approve the following items.

1. The Syllabus of III and IV Semester of B.E.(CSE) and B.Tech. (AI&DS) (for students admitted from the academic year 2021 – 2022 onwards).

2. The Syllabus of III and IV semesters subjects offered to B.E. Mechanical Engineering Department (for students admitted from the academic year 2021 – 2022 onwards).
3. VII semester, Employability Enhancement Course (Mandatory) - Professional Readiness for Innovation, Employability and Entrepreneurship - introduced by Anna University.
4. Two more subjects included in the V and VI semester elective bucket namely, Google Cloud Computing Foundation, Introduction to application development offered by Cognizant.

The copy of Curriculum and Syllabi is enclosed for your reference.

The Principal thanked all the members for their valuable suggestions and coordination.


BoS Chairman

Dr.D.PAULRAJ B.E.,M.E.,Ph.D.,
Professor & Head
Dept. Of Computer Science & Engg.
M.K.College Of Engineering & Technology
R.S.M.Nagar, Puduvoyal-601 206. ...


Principal

Dr. K. RAMAR B.E.,M.E.,Ph.D.,
PRINCIPAL
M.K.COLLEGE OF ENGINEERING AND TECHNOLOGY
PUDUVOYAL, GUMMIDIP. -DI TALUK - 601206.

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2. Department BoS File





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Minutes of Board of Studies Meeting

ECE

Regulation 2021



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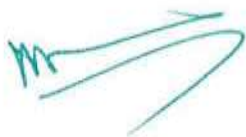




Department of Electronics and Communication Engineering

Ref: RMKCET/BoS/MoM/ECE/2021-22/03

Date: 29.10.2022

MINUTES OF BOARD OF STUDIES MEETING

Name of the Board	Electronics and Communication Engineering	
Programmes Offered	B.E. Electronics and Communication Engineering	
Date, Time and Venue	29.10.2022 (Saturday), 01.30 PM and Online Mode	
Meeting No.	03	
Link for the Meeting	https://us06web.zoom.us/j/82996959165?pwd=b0tSK2FVdIRTN3AwVXJRekJ2eVNNUT09	
Notification No. and Date	RMKCET/Autonomous/BoS/ECE/03/2022 & 26.10.2022	
SPECIAL INVITEES		
<ol style="list-style-type: none"> 1. Dr.M.S.Palanichamy, Advisor, R.M.K. Group of Institutions 2. Dr. K.Ramar, Principal, R.M.K. College of Engineering and Technology 3. Dr. K.Sivaram, Dean-Research, R.M.K. College of Engineering and Technology 		
BoS MEMBERS		
Position in Board of Studies	Details of the Member	Signature of the Member
Board of Studies Chairman	Dr.N.Gangatharan Professor and Head Dept. of ECE RMKCET	
Subject Experts from Outside the Parent University	1. Dr.A.Sivasubramanian Professor, SENSE VIT ,Chennai	
	2. Dr. Deepa T Associate Professor, Department of ECE, SRM Institute of Science and Technology,	

	Kattankulathur Campus, Chengalpattu Dist.	
Expert Nominated from Anna University	Dr. Ramadass N Professor, Department of ECE CEG Campus, Anna University, Chennai	
Industry Representative	Mr.V.Sadagopal Technical Staff Engineer-RF Applications Microchip Technologies, Chennai	
Industry Representative	Mr.Ramesh Ramanathan Principal Architect CTO Office, Tata Elxsi Chennai	
Postgraduate Meritorious Alumnus	Ms. Revathy G Senior Data Scientist, Blackstraw.ai Tower A, 4th floor, Ratha Tek Meadows Rd, Elcot Sez, Sholinganallur, Chennai	
Expert from Outside the College	Dr.T.Suresh Professor and Head Dept. of ECE RMKEC	
And all faculty members of Electronics and Communication Engineering Department		

On behalf of the management, Dr.M.S.Palanichamy, Advisor, R.M.K. Group of Institutions welcomed all the members to the Third meeting of the Board of Studies (BoS) of Electronics and Communication Engineering. All the members were present for the meeting. The Chairman, Board of Studies of Electronics and Communication Engineering introduced all the members present and gave an introduction about the Institution and Department.

The Chairman, BoS presented the Curriculum 2022 of I and II Semesters (for the students admitted in the academic year 2022 – 2023) of B.E. Electronics and Communication Engineering, syllabi for the subjects offered during the first and second semesters, by the Department of Electronics and Communication Engineering to B.E (Electronics and Communication Engineering), B.E (Computer Science & Engineering), B.E - Computer Science & Engineering (Cyber Security) and B.Tech (Artificial Intelligence and Data Science) and Curriculum of III to VIII Semesters of Regulation 2022 of B.E. Electronics and Communication Engineering.

The minutes of the meeting are as follows:

<p>Item No. RMKCET/Autonomous/BoS/ECE/03/2022/01</p>	<p>To consider and approve the Curriculum 2022 for the first and second semesters of the B.E (ECE) program of the Department of Electronics and Communication Engineering.</p>
<p>Discussion</p>	<p>Resolution</p>
<p>➤ BoS Chairman presented the curriculum 2022 for the first and second semesters of the B.E (ECE) program of the Department of Electronics and Communication Engineering.</p> <p>➤ Dr.A.Sivasubramanian and Dr.T.Deepa appreciated that the curriculum of the first and second semesters of the UG programme are well framed.</p>	<p>Semester I</p>
	<p>APPROVED</p>
	<p>Semester II</p>
	<p>APPROVED</p>
<p>Item No. RMKCET/Autonomous/BOS/ECE/03/2022/02</p>	<p>To consider and approve the syllabi for the subjects offered, during the first and second semesters, by the Department of Electronics and Communication Engineering to the following Departments</p> <ul style="list-style-type: none"> ❖ B.E - Electronics and Communication Engineering, B.E - Computer Science & Engineering, B.Tech - Artificial Intelligence and Data Science, B.E - Computer Science & Engineering(CS) – 22EC101 – Digital Principles and System Design ❖ B.E (Electronics and Communication Engineering) – 22EC201 – Electron Devices and Circuit Theory

Discussion	Resolution
<ul style="list-style-type: none"> ➤ BoS Chairman presented the syllabi for the subjects offered, during the first and second semesters, by the Department of Electronics and Communication Engineering. ➤ Dr.A.Sivasubramanian and Dr.T.Deepa appreciated that the contents of syllabi of 22EC101 - Digital Principles and Systems Design and 22EC201 - Electron Devices and Circuit Theory are well framed. 	<p>APPROVED</p>
<p>Item No. RMKCET/Autonomous/BOS/ECE/03/2022/03</p>	<p>To discuss the proposed curriculum for III to VIII semester of the B.E (ECE) program of the Department of Electronics and Communication Engineering.</p>
Discussion	Resolution
<ul style="list-style-type: none"> ➤ BoS Chairman presented the curriculum for III to VIII semesters of Regulation 2022 of the U.G. Programme. ➤ Dr.A.Sivasubramanian appreciated that the curriculum concentrates more on the hands on experience by including two contact periods for practical in all subjects. He suggested that the curriculum would be enhanced by adding fundamental courses and courses related to communication, rather than having all elective courses lab-integrated. ➤ Mr.Ramesh Ramanathan suggested that courses related to entrepreneurship may be included. ➤ Dr.A.Sivasubramanian acknowledged that mini-project can be included as one of the professional electives. ➤ Ms.Revathy added that AI modules can be taught through hands on sessions. 	<ul style="list-style-type: none"> ➤ BoS Chairman thanked the BoS members for their suggestions regarding the addition of subjects to the curriculum. ➤ The following subjects are added in the specified semesters. <ul style="list-style-type: none"> ❖ Computer Networks – IV semester ❖ Transmission Lines and Waveguide – V semester ❖ Antennas and Microwave Engineering – VII semester ❖ Optical Communication – VII semester ➤ BoS Chairman responded that the valuable comments of all BoS members will be considered while framing the syllabi of the courses of Regulation 2022. ➤ BoS chairman said that the hands on sessions will be provided through the AI & ML lab of department of Artificial Intelligence and Data Science

	APPROVED
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After the discussions and corrections, it was unanimously decided to approve the Curriculum 2022 of I and II Semesters (for the students admitted in the academic year 2022 – 2023) of B.E. Electronics and Communication Engineering, syllabi for the subjects offered during the first and second semesters, by the Department of Electronics and Communication Engineering to B.E (Electronics and Communication Engineering), B.E (Computer Science & Engineering), B.E - Computer Science & Engineering (CS) and B.Tech (Artificial Intelligence and Data Science) and Curriculum of III to VIII Semesters of Regulation 2022 of B.E. Electronics and Communication Engineering. A copy of the Curriculum and Syllabi is attached.


The Chairman of Board of Studies thanked all the members for their valuable suggestions and coordination.


BoS Chairman **Dr. N. GANGATHARAN, Ph.D.,**
 PROFESSOR & HEAD
 <Signature with Seal> Department of Electronics & Communication
 R.M.K. College of Engineering & Technology
 Pudukkottai, Thiruvallur Dist. Pin - 601 206.

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


Principal
 <Signature with Seal>
Dr. K. RAMAR, B.E., M.E., Ph.D., F.I.E.,
 PRINCIPAL
 R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY
 (AN AUTONOMOUS INSTITUTION)
 R.S.M. Nagar, Pudukkottai-601206.
 Gummidipoondi Taluk, Thiruvallur District



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Minutes of Board of Studies Meeting

Mechanical

Regulation 2021



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DEPARTMENT OF MECHANICAL ENGINEERING

Ref. No. RMKCET/BoS/MoM/MECH/2022-23/01

Date: 01.07.2022

MINUTES OF BOARD OF STUDIES MEETING

Name of the Board	Mechanical Engineering	
Programme Offered	B.E. Mechanical Engineering	
Date, Time, and Venue	01.07.2022 (Friday), 1:30 PM in Online Mode	
Meeting No.	02	
Link for the Meeting	https://us02web.zoom.us/j/89440435698?pwd=Q1MyWjhKR0haNTZuVlRRLzBpaG1rZz09	
Notification No. and Date	RMKCET/BOS/MECH/2022-23/01 dated 28.06.2021	
SPECIAL INVITEES		
1. Dr. M. S. Palanichamy, Advisor, R.M.K. Group of Institutions		
2. Dr. K. Ramar, Principal, R.M.K. College of Engineering and Technology		
3. Dr. K. Sivaram, Dean (Research), R.M.K. College of Engineering and Technology		
BoS MEMBERS		
Position in Board of Studies	Details of the Member	Signature of the Member
Board of Studies Chairman	Dr. M. Balasubramanian Professor & Head / Mechanical Engineering R.M.K. College of Engineering and Technology	
Expert Nominated by VC, Anna University	Dr. P. Praveen Raj Professor & Head /Mechanical Engineering, Thanthai Periyar Government Institute of Technology	
Subject Expert from Outside the Parent University	1. Dr. K. Sankaranarayanan Director / NIT Puducherry 2. Dr. E. Porpatham Professor / Mechanical Engg. VIT, Vellore	
Industry Representative	Mr. S.S. Sankar Asst General Manager – Manufacturing, Tractor & Farm Equipments Ltd. (TAFE)	
Postgraduate Meritorious Alumnus	Mr. R. Rupchander, Director, Chennai Poles Private Ltd., Chennai	
An expert from Outside the College	Dr. R. Varahamoorthi, Professor/Manufacturing Engineering, Annamalai University	

Faculty Members of Department of Mechanical Engineering	Professor	
	2. Dr. T.G. Loganathan Professor	
	3. Dr. S. Senthil Kumar Professor	
	4. Dr. C. Bibin Associate Professor	
	5. Dr. R. Ashok Kumar Assistant Professor	
	6. Dr. K. Rajesh Assistant Professor	
	7. Mr. C. Hemadri Assistant Professor	
	8. Mr. T. Sankara Moorthy Assistant Professor	
	9. Dr. K. Vinoth Kumar Assistant Professor	
	10. Mr. A. Balajikrishnabharathi Assistant Professor	
	11. Mr. N. Aravindhana Assistant Professor	
	12. Mr. N. Sadasivan Assistant Professor	
	13. Dr. K. Karthick Assistant Professor	

The Chairman, Board of Studies of Mechanical Engineering welcomed all the members to the 2nd meeting of the Board of Studies (BoS) of the Department of Mechanical Engineering. The Chairman, Board of Studies of Mechanical Engineering presented the details and achievements of the Department for the academic year 2021-2022. The curriculum 1st to 8th semester has been already approved in the first Board of Studies meeting held on 16.08.2021. The Chairman, BoS presented the Syllabi of III and IV Semesters (for the students admitted from the academic year 2021 – 2022 onwards) of B.E. Mechanical Engineering.

The minutes of the First Board of Studies meeting is as follows:

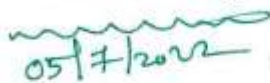
<p align="center">Item No. RMKCET/BOS/MECH/2022-23/01</p>	<p>To consider and approve the Syllabi of III and IV Semesters (for the students admitted from the academic year 2021 – 2022 onwards) of B.E. Mechanical Engineering</p>
<p align="center">Discussion</p>	<p align="center">Resolution</p>
<p>Dr. K. Sankaranarayananasamy, Director / NIT Puducherry suggested that the course outcome (Demonstrate the working of lathe machine) mentioned in the MANUFACTURING PROCESSES LABORATORY AND MINI PROJECT course may be rewritten as Operate the working of lathe machine and included in the syllabus.</p>	<p>BoS Chairman accepted the suggestion of rewriting the course outcome 'Demonstrate the working of lathe machine' as 'Operate the working of lathe machine' is included in the syllabus. Members of the Board of Studies accepted and approved.</p>
<p>Dr.E.Porpatham, Professor, VIT, Vellore suggested to include the topic Gas Power cycle in the course Engineering Thermodynamics</p>	<p>Dr.C.Bibin explained that the topic Gas Power cycle is available in the Course Thermal Engineering – I of the fourth semester. Members of the Board of Studies accepted and approved.</p>
<p>Dr.E.Porpatham, Professor, VIT, Vellore suggested to include the topic Refrigeration and Air Conditioning in the course Thermal Engineering – I.</p>	<p>Dr.C.Bibin explained that the topic Refrigeration and Air Conditioning is proposed in the Course Thermal Engineering – II of the fifth semester Members of the Board of Studies accepted and approved.</p>
<p>Mr. S.S. Sankar, Asst. General Manager – Manufacturing, Tractor & Farm Equipments Ltd. (TAFE) suggested to include Introduction of Finite Element Analysis in the fifth unit of the course Strength of Materials for the Third Semester.</p>	<p>The Chairman of Board of Studies explained that the theory course Finite Element Analysis is available as elective in the sixth semester curriculum. Members of the Board of Studies accepted and approved.</p>
<p>Mr. S.S. Sankar, Asst. General Manager – Manufacturing, Tractor & Farm Equipments Ltd. (TAFE) suggested to interchange units UNIT II HEAT TREATMENT and UNIT III FERROUS AND NON-FERROUS METALS.</p>	<p>The Chairman of Board of Studies explained that, in the first unit with respect to ferrous materials, steel is discussed and hence it is appropriate to have HEAT TREATMENT as second unit. Members of the Board of Studies accepted and approved.</p>
<p>Dr. K. Sankaranarayananasamy, Director / NIT Puducherry suggested to send the syllabus in advance to the Board of studies meeting.</p>	<p>BoS Chairman accepted the suggestion of sending the draft syllabus well in advance to the members of Board of studies.</p>
<p>The Syllabus of the proposed theory course – ENGINEERING THERMODYNAMICS for the Third Semester.</p>	<p align="center">APPROVED</p>
<p>The Syllabus of the proposed theory course – FLUID MECHANICS AND MACHINERY for the Third Semester.</p>	<p align="center">APPROVED</p>

Third Semester.	
The Syllabus of proposed Laboratory Course - MANUFACTURING PROCESSES LABORATORY AND MINI PROJECT for the Third Semester.	APPROVED
The Syllabus of proposed Laboratory Course - COMPUTER AIDED MACHINE DRAWING for the Third Semester.	APPROVED
The Syllabus of the proposed theory course - KINEMATICS OF MACHINERY for the Fourth Semester.	APPROVED
The Syllabus of the proposed theory course - ENGINEERING MATERIALS AND METALLURGY for the Fourth Semester.	APPROVED
The Syllabus of the proposed theory course - STRENGTH OF MATERIALS for the Fourth Semester.	APPROVED
The Syllabus of the proposed theory course - THERMAL ENGINEERING - I for the Fourth Semester.	APPROVED
The Syllabus of the proposed Laboratory Integrated course - ENGINEERING METROLOGY AND MEASUREMENTS for the Fourth Semester.	APPROVED
The Syllabus of the proposed Laboratory course - MACHINE TOOL LABORATORY for the Fourth Semester.	APPROVED
The Syllabus of the proposed Laboratory course - STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY for the Fourth Semester.	APPROVED

After due considerations and deliberations, it was unanimously decided to approve the syllabi of III and IV Semesters (for the students admitted from the academic year 2021-2022 onwards) of B.E. Mechanical Engineering.

A copy of Curriculum and Syllabi is enclosed for your reference.

The Chairman, Board of Studies of Mechanical Engineering thanked all the members for their valuable suggestions and coordination.



BoS Chairman

<Signature with Seal>

Original to COE

Copy to:

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

Dr. M. BALASUBRAMANIAN
Professor & Head
Department of Mechanical Engineering
RMK College of Engineering & Technology
RSM Nagar, Puduvoyal, Gummidipoondi Taluk
Tiruvallur District - 601 206.


Principal

<Signature with Seal>

Dr. R. K. RAMIAH, B.E., M.E., Ph.D., FI.E.,

PRINCIPAL

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