



**K.RAMAKRISHNAN COLLEGE OF ENGINEERING  
(AUTONOMOUS)  
Tiruchirappalli.**

**AUTONOMOUS BODY PROPOSED MEETING SCHEDULE**

Date: 20.02.2021

S.No	Year	Meetings	Board of Studies	Academic Council	Governing Board	Finance Committee
1	2020 - 2021	May 2020	8.10.2020	31.11.2020	01.03.2021 to 06.03.2021	08.03.2021 to 13.03.2021
		November 2020	01.03.2021 to 09.03.2021	25.03.2021 to 31.03.2021	23.04.2021 to 30.04.2021	10.05.2021 to 15.05.2021
2	2021 - 2022	May 2021	21.05.2021 to 30.05.2021	10.06.2021 to 16.06.2021	25.06.2021 to 30.06.2021	05.07.2021 to 10.07.2021
		November 2021	01.11.2021 to 15.11.2021	25.11.2021 to 30.11.2021	07.12.2021 to 14.12.2021	20.12.2021 to 24.12.2021
3	2022- 2023	May 2022	20.05.2022 to 28.05.2022	07.06.2022 to 14.06.2022	24.06.2022 to 30.06.2022	04.07.2022 to 09.07.2022
		November 2022	03.11.2022 to 16.11.2022	25.11.2022 to 30.11.2022	05.12.2022 to 13.12.2022	19.12.2022 to 23.12.2022
4	2023- 2024	May 2023	05.05.2023 to 16.05.2023	26.05.2023 to 31.05.2023	06.06.2023 to 13.06.2023	03.07.2023 to 08.07.2023
		November 2023	20.11.2023 to 30.11.2023	05.12.2023 to 12.12.2023	19.12.2023 to 22.12.2023	18.12.2023 to 23.12.2023

*[Handwritten Signature]*

**PRINCIPAL**  
K. Ramakrishnan College of Engineering  
(Autonomous)  
Samayapuram, Tiruchirappalli - 621 112.



**K.RAMAKRISHNAN COLLEGE OF ENGINEERING(AUTONOMOUS), TRICHY.**

**ACADEMIC COUNCIL - ONLINE WEB MEETING**

**CIRCULAR**

**23.11.2020**

K.Ramakrishnan College of Engineering (Autonomous), Samayapuram, Trichy, scheduled to convene the Academic Council meeting on 30.11.2020 at 9.30 A.M in TLC Seminar Hall, KRCE.

AGENDA		Name & Designation	Time Duration
1	Welcome Address	Dr.D.Srinivasan Principal	9.30 to 9.33 A.M
2	Presentation of UG Regulation	Dr.K.Dhayalini HOD/EEE	9.33 to 9.45 A.M
3	Presentation of PG Regulation	Dr.S.Titus Professor/EEE	9.45 to 9.57 A.M
4	Presentation of COE Manual	Mr.S.Muthuperumal HOD/Maths	9.57 to 10.12 A.M
5	<b>Presentation of Curriculum and Syllabus:</b>		
	(i) CSE Department – UG ( CSE, IT, AI, CSBS) & PG	Mrs.T.M.Nithya HOD/CSE	10.12 to 10.30 A.M
	(ii) Mechanical Department (UG & PG)	Dr.R.Balasundaram HOD/Mech	10.30 to 10.37 A.M
	(iii) ECE Department (UG & PG)	Dr.M.Maheshwari HOD/ECE	10.37 to 10.44 A.M
	(iv) EEE Department (UG & PG)	Dr.K.Dhayalini HOD/EEE	10.44 to 10.51 A.M
	(v) I -Year Engineering Syllabus(UG)		
	(a)Physics (Theory & Lab)	Mr.S.Bakthavatchalam, HOD/Physics	10.51 to 10.58 A.M
	(b) Chemistry (Theory & Lab)	Mrs.Thamarai Selvi HOD/Chemistry	10.58 to 11.03 A.M
	(c) English	Mr.Karunakaran HOD/English	11.03 to 11.08 A.M
	(d) Maths	Mr.S.Muthuperumal HOD/Maths	11.08 to 11.13 A.M
	(e) BCM	Dr.R.Balasundaram HOD/Mech	11.13 to 11.18 A.M
	(f) Python (Theory & Lab)	Mrs.T.M.Nithya HOD/CSE	11.18 to 11.23 A.M
	(g) Master of Business Administration	Dr.R.Kamaraj HOD/MBA	11.23 to 11.30 A.M
6	Any Other Discussion		11.30 to 11.32 A.M
7	Vote of Thanks	Dr.R.Kamaraj, HOD/MBA	11.32 to 11.35 A.M

*[Signature]*  
Principal

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# **K.Ramakrishnan College of Engineering**

(Autonomous)

**Samayapuram, Trichy**

## **1<sup>st</sup> Academic Council Meeting - Online**

Date : 30.11.2020  
Day : Monday  
Time : 9.30am  
Venue : Teaching Learning Centre – KRCE  
Source : Google Meet

***The meeting is conducted with the presence of Academic Council Members***

- Dr.A Peer Mohammed  
Former. Professor  
Department of Textile Technology  
Anna University, Chennai.
- Dr.S. Pugazhendhi  
Professor & Dean  
Department of Mechanical Engineering  
SASTRA University, Tanjore.
- Dr.R.Malayalamurthi,  
Professor & Head,  
Department of Mechanical Engineering  
Alagappa Chettier Government College of Engineering and Technology,  
Karaikudi.

### **Members Present**

- Dr.D.Srinivasan  
Principal & Chief Controller of Examinations  
Chairman - Academic Council  
K.Ramakrishnan College of Engineering  
(Autonomous)  
Samayapuram, Trichy.
- Dr.R.Kamaraj  
Controller of Examinations & Head, Dept. of MBA  
K.Ramakrishnan College of Engineering  
(Autonomous)  
Samayapuram, Trichy.

### **Scheme of the Meeting**

- ✓ Welcome Address
- ✓ Presentation of UG & PG Regulations



- ✓ Presenting of CoE Manual
- ✓ Presentation of Curriculum and Syllabus of 1<sup>st</sup> semester
- ✓ Vote of Thanks

S.No	Name	Designation	Dept.	Responsibility
1	Dr.R.Kamaraj	Prof & Head	MBA	Board Chairman
2	Dr.K.Dhayalini	Prof& Head	EEE	
3	Dr.M.Maheshwari	Prof& Head	ECE	
4	Dr.R.Balasundaram	Prof& Head	Mech	
5	Dr.T.M.Nithya	AP & Head	CSE	
6	Ms.M.Thamarai Selvi	AP & Head	Chemistry	
7	Mr.M.Karunakaran	AP & Head	English	
8	Mr.S.Muthuperumal	AP & Head	Maths	
9	Mr.S.Bakthavatsalam	AP & Head	Physics	
10	Dr.S.Titus	Professor	EEE	Member Secretary
11	Dr.Priyadharshini	AP	ECE	Members
12	Ms.L.Amutha	AP	CSE	
13	Mr.P.Chellamuthu	AP	Mech	
14	Mrs.A.Premavasumathi	AP	MBA	
15	Dr.K.Lenin	Professor	Mechanical	

### Points Discussed:

- As planned, the 1<sup>st</sup> Academic Council Meeting of our college started by 9.30 am on 30<sup>th</sup> November 2020 at Teaching Learning Centre, KRCE with the welcome note by the principal Dr.D.Srinivasan.
- Academic Council Members from various institutions had joined the meeting though Google Meet.



- It is planned to discuss on Regulation of UG & PG, Manual of CoE and the syllabus of 1<sup>st</sup> semester in this meeting.
- As programmed, Dr.K.Dhayalini, Prof & Head, Dept. of EEE presented the UG Regulation followed by PG regulation is presented by Dr.S.Titus, Prof., Dept. of EEE. Mr.S.Muthuperumal, AP & Head, Dept. of Mathematics presented the Manual of CoE to the forum. Curriculum and Syllabus for 1<sup>st</sup> Semester UG and PG of the respective depts. had been presented by concerned HoDs.
- The Board of studies members for the various departments (ECE, EEE, CSE, MECH, MBA, Physics, Chemistry, Maths and English) are discussed and finalised as per the suggestions of Academic Council Members. The list of Board of Studies Members given in Annexure-I.
- The Conduct of current End Semester Examinations are discussed and suggested to follow the guidelines of UGC/AICTE/Anna University.(through Proctored Online type)
- The proposed new UG Programmes on B.Tech Information Technology, B.Tech Artificial Intelligence and Data Science and B.E Computer Science and Business Systems were discussed to start from this Academic Year.
- The Board of studies members for all the departments are nominated as per the UGC guidelines.
- The faculty recruitment has been made by Head of the Institution as per the policies given by AICTE and ANNA UNIVERSITY Norms for this Academic Year.

The suggestions and clarifications made by the Academic Council Members during the meeting are as follows,

### **UG Regulation**

- The clarification on the doubt regarding the acceptance of AICTE for the course CSBS has been given to Prof. Peer Mohammed.
- Queries (Difference & Purpose) on Supplementary Examination and Special Examination have been explained to the AC members.

- It is suggested to change the Shortage of attendance Percentage from 70% upto 80%.
- A query is made on awarding marks for attendance. For which it is explained to the AC members that the earlier system of Anna University was holding it.
- It is explained that the double valuation will be done by both Internal Examiner and External Examiner and the highest marks will be awarded to the candidates. Suggestion is made by the AC Members that the deviation up to 10marks shall be accepted instead of 15 marks.
- If there is a deviation more than 10 Marks even after the second valuation, third valuation will be done with the external examiner and the highest marks will be awarded for the students.
- It is informed that the examiners who have not evaluated properly will be debarred to attend examination related works for a period of minimum 1 year to 3 years.
- It is suggested that the NPTEL course of 12 weeks or more than that can be considered to replace an elective subject of the students.
- It is explained to the AC members that the committee will be formed for the students to select a valuable topics in Online Courses such as NPTEL, SWAYAM etc.,

### **PG Regulation**

- ✓ It is explained that the process of valuation of PG Regulation is followed as same as UG Regulation.

### **CoE Manual**

- ✓ Mistakes during mark entry was raised by academic Council members, the method and software used was explained
- ✓ It is explained to the query on ensuring the mistakes of entering marks that the marks will be entered twice by DEO and the Examiner with CAMU software. Any mismatches found it will be corrected immediately after the notification from the software.



- ✓ Online examination will be conducted as per the instructions by the Anna University.

### **Department of CSE, IT, AIDS,CSBS**

- ✓ ( KRCE – 171 Credits/ Anna University – 185 Credits) The total credit points are somewhat lower when compared to Anna University hence it is suggested to increase it.
- ✓ It is advised to prescribe Mini Project in 5<sup>th</sup> Semester instead of 7<sup>th</sup> Semester in the curriculum.

### **Department of Mech Engg.**

- ✓ It is advised to include Industry 4.0 as apart of CAD CAM course.
- ✓ It is advised to prescribe Mini Project in 6<sup>th</sup> Semester instead of 7<sup>th</sup> Semester in the curriculum.

### **Department of ECE**

- ✓ It is suggested to work on awarding credit points evenly.

### **Department of EEE**

- ✓ It is asked about the non-uniformity of credits between ECE and EEE. It is suggested to fix the credit points uniformly.

### **Department of Humanities & Science**

- ✓ A suggestion is made to present the outcome of the syllabus.

### **Department of MBA**

- ✓ It is clarified to the AC members that the students can reappear for the Comprehensive Viva unless they clear at first attempt.

The Academic Council members were satisfied about the presentation and clarification given by Principal and Committee members. The meeting came to an end by 11.30a.m.with the thank note by Dr.R.Kamaraj, the CoE& Head, Department of MBA.

## Action Taken

- ✓ As per the suggestion made by the AC members the following actions have been taken and implemented after the academic council by the direction of Principal (Chairman of Academic Council)
- The total credit points of CSE & Mechanical courses is fixed to 183
- The total credit points of EEE & ECE has been modified to 186.

*20/11/2020*  
**PRINCIPAL**  
**PRINCIPAL**

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## 2<sup>nd</sup> MEETING OF ACADEMIC COUNCIL

**Date : 04.05.2021**

**Time :10.30 A.M**

**Venue : TLC Conference Hall**

### AGENDA

1. Welcome and Introductory Address of the AC Chairman (by Principal, Dr.D.Srinivasan)
2. Confirmation of the minutes of the 1<sup>st</sup> Academic Council meeting held on 30.11.2020.
3. To consider and approve the minutes brought forward by the Board of Studies based on the HoD's Presentation about II semester Curriculum and Syllabus for academic year 2020-21 and III & IV Semesters for the Academic Year 2021-22, (both UG & PG).
  - 3.1 To consider and approve the Curriculum & Syllabus of **II Semester Physics, Chemistry, Mathematics, English, Engineering Graphics, C-Programming** which is common to the following branches for the batch 2020-2021:  
**B.E – CSE, ECE, EEE, & MECH**  
**B.Tech – IT, AIDS & AIML**
  - 3.2 To consider and approve the Curriculum & Syllabus for **II Semester B.Tech - CSBS** (As TCS Recommended) - Linear Algebra, Business Communication and Value Science II, Fundamentals of Economics, Data Structures, Principles of Electronics Engineering, Statistical Modeling, and Mandatory Course II- Environmental Science and Engineering (EVS).
  - 3.3 To consider and approve the Curriculum & Syllabus for **III & IV Semester, B.E -CSE, ECE, EEE, & MECH** for the batch 2021-2022.
  - 3.4 To consider and approve the Curriculum & Syllabus for **III & IV Semester, B.Tech-IT & AIDS** for the batch 2021-2022.
  - 3.5 To consider and approve the Curriculum & Syllabus for **III & IV Semester, B.Tech-CSBS** for the batch 2021-2022.
  - 3.6 To consider and approve the Curriculum & Syllabus of **II Semester (batch 2020-2021) III & IV Semester (batch 2021-2022), for M.E -Communication Systems, M.E-Computer Science Engineering, M.E-Power Systems Engineering and M.E- Engineering Design.**



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- 3.7 To consider and approve the Curriculum & Syllabus for II Semester, MBA-Master of Business Administration for the batch 2020-2021.
4. To Approve the Enrollment of Course Work for Ph.D candidates (both Internal and External) as per the Anna University Norms.
5. To consider and approve the End Semester Examination through Online – Mode of Examination for April/May 2021(for UG,PG & Ph.D Course).
6. Recommendation to Governing Body to start New Programme on B.Tech – Artificial Intelligence and Machine Learning from the Academic Year 2021-2022.
7. Suggestions if any, by Academic Council Members.

Vote of Thanks

  
PRINCIPAL

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### MINUTES OF THE SECOND ACADEMIC COUNCIL MEETING

The Second meeting of the Academic Council was held on 04.05.2021 at 10.30 AM in TLC Conference Hall at K.Ramakrishnan College of Engineering under the Chairmanship of Dr.D.Srinivasan, Principal.

#### Members Present:

SL. NO.	NAME & DESIGNATION	CATEGORY/ POSITION	SIGNATURE
<b>INTERNAL MEMBERS</b>			
1.	<b>Dr. D. Srinivasan</b> Principal, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Chairman - Principal	<i>D. Srinivasan</i> 8/5
2.	<b>Dr.R.Kamaraj</b> Professor, Department of MBA, K.Ramakrishnan college of Engineering Samayapuram, Trichy-621 112	Member HOD / MBA	<i>R. Kamaraj</i> 8.5.21
3.	<b>Dr. M. Maheswari</b> Professor, Department of ECE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / ECE	<i>M. Maheswari</i> 8.5.21
4.	<b>Dr. K. Dhayalini</b> Professor, Department of EEE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / EEE	<i>K. Dhayalini</i> 8/5/21
5.	<b>Dr. T.M. Nithya</b> Assistant Professor, Department of CSE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / CSE	<i>T.M. Nithya</i> 8/5/21
6.	<b>Dr.S. Manikandan</b> Professor Department of Information Technology, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / IT	<i>S. Manikandan</i> 8/5
7.	<b>Dr. M. Meignanamoorthy</b> Assistant Professor & Head, Department of Mechanical Engineering, K. Ramakrishnan College of Engineering, Tiruchirappalli - 621 112	Member HOD / MECH	<i>M. Meignanamoorthy</i> 8.5.2021







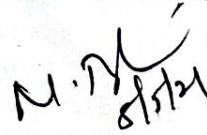
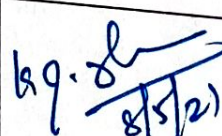
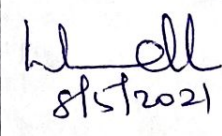
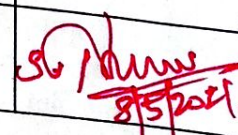
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8	<b>Mr. M. Karunakaran</b> Assistant Professor, Department of English, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD/ENGLISH	 8/5/21
9.	<b>Mr. S. Muthuperumal</b> Assistant Professor, Department of Mathematics K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / MATHS	 8/5/21
10	<b>Mr. S. Bakthavatsalam</b> Assistant Professor, Department of Physics, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / PHYSICS	
11.	<b>Mrs. Thamarai Selvi</b> Assistant Professor, Department of Physics, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / CHEMISTRY	 8/5/21
12	<b>Dr. R. Balasundaram</b> Professor, Department of Mechanical Engineering K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / MECH	
13.	<b>Dr. K. Lenin</b> Professor, Department of Mechanical Engineering, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member Faculty	
14.	<b>Dr. K. Priyadarshini</b> Professor, Department of ECE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member Faculty	 8/5/21
15.	<b>Mrs. L. Amudha</b> Assistant Professor, Department of CSE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member Faculty	 8/5/2021
16.	<b>Dr. A. Premavasumati</b> Assistant Professor, Department of MBA, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member Faculty	
17.	<b>Dr. S. Titus</b> Professor, Department of EEE,	Member Secretary-	 8/5/2021





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	K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Principal Nominee	
<b>EXTERNAL MEMBERS</b>			
18	<b>Dr. S. Vengadesan</b> Professor, Department of Applied Mechanics, Indian Institute of Technology Madras, Chennai - 600 036.	Member Academician - Nominated by Governing Body	
19	<b>Dr.S.Pugazhenth</b> Professor & Dean, School of Mechanical Engineering, SASTRA University, Thanjavur.	Member Academician - Nominated by Governing Body	
20	<b>Dr. Anbalagan Thangavel</b> ES-Active Safety (RBEI/ESC1) Robert Bosch Engineering and Business Solutions Private Limited, Keeranatham Village, Coimbatore, Tamil Nadu - 641035, INDIA.	Member Industry Expert - Nominated by Governing Body	
21	<b>Mr.Prasanna Arunachalam</b> GBS Associates Program Leader & HR Leader, GBS CIC India Learning & Knowledge. Outer Ring Road, MTP, D2, 1st Floor Bangalore, KA 560045, India.	Member Industry Expert - Nominated by Governing Body	
22	<b>Dr. Y.V. Ramana Rao</b> Professor, Department of ECE, CEG Campus, Anna University, Chennai - 600 025.	Member - University Nominee	
23	<b>Prof. A. Peer Mohamed</b> Former Professor, Department of Textile Technology, ACT Campus, Anna University, Chennai - 600 025.	Member - University Nominee	
24	<b>Dr.R.Malayala Murthi</b> Professor & Head Department of Mechanical Engineering Alagappa Chettiar Government College of Engineering and Technology, Karaikudi - 630 003.	Member - University Nominee	
25	<b>Dr.S.Neelakandan</b> Assistant Professor, Department of English, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member Faculty	
26	<b>Dr. B.Kiran Bala</b> Assistant Professor	Member Faculty	



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	Department of Computer Science and Engineering K.Ramakrishnan College of Engineering Tiruchirappalli-621 112.		
27	<b>Dr. A.Sirajunnisa</b> Associate Professor Department of Chemistry, K. Ramakrishnan College of Engineering, Tiruchirappalli - 621 112	Member Faculty	
28	<b>Mr.R.Sasikumar</b> Assistant Professor Department of Computer Science and Engineering K.Ramakrishnan College of Engineering Tiruchirappalli-621 112.	Member Faculty	

### Points Discussed:

#### ITEM I

2.1. The second Academic Council meeting of K.Ramakrishnan College of Engineering (An Autonomous Institution Affiliated to Anna University) was held on 04.05.2021.

- At the outset, The Academic Council chairman Dr.D.Srinivasan principal, welcomed the members of the council and introduced all the members and thanked them for their presence amidst their busy schedule.

#### ITEM II

2.2. Confirmation of the minutes of 1<sup>st</sup> academic council meeting held on 30<sup>th</sup> November 2020.

- The Chairman requested the council to confirm the minutes of the 1<sup>st</sup> meeting held on 30<sup>th</sup> November 2020.
- There were no specific comments. Dr.S.Titus, Professor seconded, and the minutes were confirmed.

#### ITEM III

- To consider and approve the minutes brought forward by the Board of Studies based on the HoD's Presentation about II semester Curriculum and Syllabus for academic year 2020-21 and III & IV Semesters for the Academic Year 2021-22, (both UG & PG).





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**3.1 To consider and approve the Curriculum & Syllabus of II Semester Physics, Chemistry, Mathematics, English, Engineering Graphics, C-Programming which is common to the following branches for the batch 2020-2021:**

**B.E – CSE,ECE,EEE, & MECH and B.Tech – IT, AIDS & AIML**

- The HOD's of various departments, Mr. S. Bakthavatsalam/Physics, Dr.A.Sirajunnisa/Chemistry, Mr.S.Muthuperumal/Mathematics, Dr.S.Neelakandan/English, Dr.M.Maheshwari/ECE, Dr.K.Dhayalini/EEE, Dr. M. Meignanamoorthy/Mechanical, Dr. B.Kiran Bala/Computer Science, and Dr.A.Prema Vasumathi/MBA were presented the Syllabus and the BOS comments which is incorporated.
- The council suggested to balance the Lecture(L), Tutorial(T) and Practical(P) contact hours based on the credits for all departments. Also Suggested to modify the outcomes of few subjects. ✓
- For English subjects - The council recommended to include more research papers of English language and literature or article in the reference section. The same has been discussed with BOS members and it will be incorporated.
- For Engineering Graphics – The Lecture(L), Tutorial(T) and Practical(P) contact hours must be balanced. Also suggested to include AUTOCAD, ANSYS, GRID SHEET etc., in the syllabus and recommended to reduce the manual drafting. ✕

*The Academic Council approved the Curriculum & Syllabus of II Semester Physics, Chemistry, Mathematics, English, Engineering Graphics, C-Programming for all B.E – CSE,ECE,EEE, & MECH and B.Tech – IT, AIDS & AIML branches for the batch 2020-2021.*

**3.2. To consider and approve the Curriculum & Syllabus for II Semester B.Tech - CSBS subjects- Linear Algebra, Business Communication and Value Science II, Fundamentals of Economics, Data Structures, Principles of Electronics Engineering, Statistical Modeling, and Mandatory Course II- Environmental Science and Engineering(EVS).**

*The Academic Council approved the Curriculum & Syllabus for II Semester B.Tech - CSBS .*

**3.3 To consider and approve the Curriculum & Syllabus for III & IV Semester, B.E - CSE, ECE, EEE, & MECH for the batch 2021-2022.**

- The council suggested to balance the Lecture(L), Tutorial(T) and Practical(P) contact hours based on the credits and also Suggested to modify the outcomes of each subject. The same has been verified and incorporated.





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- The Academic Council approved the Curriculum & Syllabus for III & IV Semester, B.E -CSE, ECE, EEE, & MECH for the batch 2021-2022.

### 3.4 To consider and approve the Curriculum & Syllabus for III & IV Semester, B.Tech-IT & AIDS for the batch 2021-2022.

- The Academic Council approved the Curriculum & Syllabus for III & IV Semester, B.Tech-IT & AIDS for the batch 2021-2022.

### 3.5 To consider and approve the Curriculum & Syllabus for III & IV Semester, B.Tech-CSBS for the batch 2021-2022.

- The council suggested to recommend standard Textbooks and Reference books which the maximum syllabus will be covered in single textbook. The same has been discussed with BOS members and it will be incorporated. ✓

- The Academic Council approved the Curriculum & Syllabus for III & IV Semester, B.Tech-CSBS for the batch 2021-2022.

### 3.6 To consider and approve the Curriculum & Syllabus of II Semester (batch 2020-2021) III & IV Semester (batch 2021-2022), for M.E -Communication Systems, M.E-Computer Science Engineering, M.E-Power Systems Engineering and M.E- Engineering Design.

- The Academic Council recommended to include other department papers as Open Elective instead of considering only the Computer science papers. It is suggested to include the papers like Modern Design, Logistics Management, Human Values, Ethics etc., It should not be technical. ✓

- Also the course code should be framed in terms of offering departments. Similarly, the no of hours should be equal to the AICTE credits.

- The Council recommend to increase the Credits from 2 to 4 for Design Project of M.E Engineering Design Programme.

- As per the Academic Council suggestions and Recommendations, All the points are taken into BOS consideration and it will be incorporated. ✓

The Academic Council approved the Curriculum & Syllabus for II Semester (batch 2020-2021) III & IV Semester (batch 2021-2022), for M.E -Communication Systems, M.E-Computer Science Engineering, M.E-Power Systems Engineering and M.E- Engineering Design.





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### **3.7 To consider and approve the Curriculum & Syllabus for II Semester, MBA-Master of Business Administration for the batch 2020-2021.**

- For MBA Programme, the council suggested to correct the CO4 and CO5. The same has been verified and it will be incorporated. ✓
- *The Academic Council approved the Curriculum & Syllabus for II Semester (batch 2020-2021) for Master of Business Administration (MBA) Programme.*

#### **ITEM IV**

### **4. To Approve the Enrollment of Course Work for Ph.D candidates (both Internal and External) as per the Anna University Norms.**

*The Academic Council approved the Enrollment of Course Work for Ph.D candidates (both Internal and External) as per the Anna University Norms.*

#### **ITEM V**

### **5. To consider and approve the End Semester Examination through Online – Mode of Examination for April/May 2021(for UG,PG & Ph.D Course).**

The Council Suggested to conduct the End Semester Examination as per the Guidelines of Anna University.

*The Academic Council approved to conduct the End Semester Examination through Online – Mode for April/May 2021(for UG,PG & Ph.D Courses) due to Pandemic situations (COVID-19)*

#### **ITEM VI**

### **6. Recommendation to Governing Body to start New Programme on B.Tech – Artificial Intelligence and Machine Learning from the Academic Year 2021-2022.**

*The Academic Council approved and recommended the Governing Body for the New Programme on B.Tech – Artificial Intelligence and Machine Learning for the Academic Year 2021-2022.*

#### **ITEM VII**

### **7. Suggestions if any, by Academic Council Members.**

- The Academic council recommended and suggested to refer Syllabus of IIT Kharagpur and IIT Guwahati for the new UG Programme on Artificial Intelligence and Machine Learning (AIML).



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- Since the subject codes are found lengthy, the council Suggested to reduce the digits of Subject Code.
- The Subject codes will be modified as per the Academic Council suggestion and the same will be implemented in the Curriculum and Syllabus.
- The Council suggested to include more Online web based books in references section.

The 2<sup>nd</sup> Academic Council meeting is concluded with vote of thanks by the Academic Council Chairman & Principal Dr.D.Srinivasan.

Thanks.

PRINCIPAL

**PRINCIPAL**  
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## 3<sup>rd</sup> MEETING OF ACADEMIC COUNCIL

Date : 03.12.2021

Time :10.25 A.M

Venue : TLC Conference Hall

### AGENDA

1. Welcome and Introductory Address of the AC Chairman (by Principal, Dr.D.Srinivasan)
2. Confirmation of the minutes of the 2<sup>nd</sup> Academic Council meeting held on 04.05.2021.
3. To consider and approve the minutes brought forward by the Board of Studies based on the HoD's Presentation about Curriculum and Syllabus for III Semester, MBA-Master of Business Administration, from academic year 2021-22 (PG).
  - 3.1 To consider and approve the Curriculum & Syllabus of **II, III, IV & V Semester Professional Skills**, which is common from the Academic Year 2020-2021:  
B.E – CSE, ECE, EEE, & MECH  
B.Tech – IT, AIDS & AIML
  - 3.2 To consider and approve the Curriculum & Syllabus of **IV Semester - Business Communication and Value Science –III for CSBS**.
  - 3.3 To consider and approve the modification made in UG Regulation.
  - 3.4 To consider and approve the change of Course code from 10 digits to 07 digits for all UG & PG Programmes as recommended by Academic Council members in 2<sup>nd</sup> ACM and also redefining of subject Title.
4. To consider and approve the Incubation Centre Implemented in CSE department.
5. To consider and approve the Grade Sheet and Consolidated Mark Sheet issued under Autonomous Stream.
6. To consider and approve the process of End Semester Examinations based on the directions of Anna University for the current ODD semester -NOV/DEC-2021, (Tentative due to Pandemic).
7. Any Other Points

Vote of Thanks

  
PRINCIPAL

**PRINCIPAL**  
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## MINUTES OF THE THIRD ACADEMIC COUNCIL MEETING

The Third meeting of the Academic Council was held on 03.12.2021 at 10.25 AM in TLC Conference Hall through Online mode at K.Ramakrishnan College of Engineering under the Chairmanship of Dr.D.Srinivasan, Principal.

### Members Present:

SL. NO.	NAME & DESIGNATION	CATEGORY/ POSITION
<b>INTERNAL MEMBERS</b>		
1.	<b>Dr. D. Srinivasan</b> Principal, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Chairman -Principal
2.	<b>Dr.R.Kamaraj</b> Professor, Department of MBA, K.Ramakrishnan college of Engineering Samayapuram, Trichy-621 112	Member HOD / MBA
3.	<b>Dr. M. Maheswari</b> Professor, Department of ECE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / ECE
4.	<b>Dr. K. Dhayalini</b> Professor, Department of EEE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / EEE
5.	<b>Dr. T.M. Nithya</b> Assistant Professor, Department of CSE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / CSE
6.	<b>Dr.S. Manikandan</b> <b>Professor</b> Department of Information Technology, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / IT
7.	<b>Dr. M. Meignanamoorthy</b> Assistant Professor & Head, Department of Mechanical Engineering, K. Ramakrishnan College of Engineering, Tiruchirappalli - 621 112	Member HOD / MECH





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8.	<b>Dr. B. Kiran Bala</b> Assistant Professor & Head Department of AIDS K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / AIDS
9.	<b>Mr. M. Karunakaran</b> Assistant Professor, Department of English, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD/ENGLISH
10	<b>Mr. S. Muthuperumal</b> Assistant Professor, Department of Mathematics K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / MATHS
11.	<b>Mr. S. Bakthavatsalam</b> Assistant Professor, Department of Physics, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / PHYSICS
12	<b>Mrs. Thamarai Selvi</b> Assistant Professor, Department of Physics, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / CHEMISTRY
13.	<b>Dr. K. Lenin</b> Professor, Department of Mechanical Engineering, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member Faculty
14.	<b>Dr. K. Priyadarshini</b> Professor, Department of ECE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member Faculty
15.	<b>Mrs. L. Amudha</b> Assistant Professor, Department of CSE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member Faculty
16.	<b>Dr. A. Premavasumati</b> Assistant Professor, Department of MBA, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member Faculty
17.	<b>Dr. S. Titus</b> Professor, Department of EEE, K. Ramakrishnan College of Engineering,	Member Secretary- Principal Nominee





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Samayapuram, Trichy-621 112		
18	<b>Dr. S. Vengadesan</b> Professor, Department of Applied Mechanics, Indian Institute of Technology Madras, Chennai - 600 036.	Member Academician - Nominated by Governing Body
19	<b>Dr.S.Pugazhenth</b> Professor & Dean, School of Mechanical Engineering, SASTRA University, Thanjavur.	Member Academician - Nominated by Governing Body
20	<b>Dr. Anbalagan Thangavel</b> ES-Active Safety (RBEI/ESC1) Robert Bosch Engineering and Business Solutions Private Limited, Keeranatham Village, Coimbatore, Tamil Nadu - 641035, INDIA.	Member Industry Expert - Nominated by Governing Body
21	<b>Mr.Prasanna Arunachalam</b> GBS Associates Program Leader & HR Leader, GBS CIC India Learning & Knowledge. Outer Ring Road, MTP, D2, 1st Floor Bangalore, KA 560045, India.	Member Industry Expert - Nominated by Governing Body
22	<b>Dr. Y.V. Ramana Rao</b> Professor, Department of ECE, CEG Campus, Anna University, Chennai - 600 025.	Member -University Nominee
23	<b>Prof. A. Peer Mohamed</b> Vice Chancellor Abdul Rahman University & Former Professor, Department of Textile Technology, ACT Campus, Anna University, Chennai - 600 025.	Member -University Nominee
24	<b>Dr.R.Malayala Murthi</b> Professor & Head Department of Mechanical Engineering Alagappa Chettiar Government College of Engineering and Technology, Karaikudi - 630 003.	Member -University Nominee

## Points Discussed:

### ITEM I

2.1. The Third Academic Council meeting of K.Ramakrishnan College of Engineering (An Autonomous Institution Affiliated to Anna University) was held on 03.12.2021 at 10.25 A.M through Online mode from TLC Seminar Hall.

- At the outset, The Academic Council Chairman Dr.D.Srinivasan, Principal welcomed the members of the council and thanked them for their presence amidst their busy schedule.





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- The challenges posed by the pandemic have been successfully met by the support of the Management and the faculty members. There is no compromise on quality. All programmes have been conducted through online mode with prescribed standards of Anna University Chennai.
- The Council requested to present the Action Taken Report of the 2<sup>nd</sup> Academic Council minutes and it is explained as given below.

## ITEM II

### 2. To confirm the minutes of 2nd academic council meeting held on 04<sup>th</sup> May 2021.

- The Principal Dr.D.Srinivasan, requested the council to confirm the minutes of the 2<sup>nd</sup> meeting held on 04<sup>th</sup> May 2021.
- The suggestions given in the 2<sup>nd</sup> Academic Council meeting was implemented in the curriculum.
- The recommendation given by the Academic Council members regarding Curriculum, Syllabus, Introduction of New UG Programme on “Artificial Intelligence and Machine Learning” and COE matters were presented.
- Dr.S.Titus, Professor & Member Secretary, sought confirmation of the minutes of the previous meeting of the Academic council. It was accepted and approved.

## ITEM III

To consider and approve the minutes brought forward by the Board of Studies based on the HoD's Presentation about Curriculum and Syllabus for III Semester, MBA-Master of Business Administration, from academic year 2021-22 (PG).

### 3.1 To consider and approve the Curriculum & Syllabus of II, III, IV & V Semester Professional Skills, which is common from the Academic Year 2020-2021: B.E., – CSE, ECE, EEE, & MECH B.Tech., – IT, AIDS & AIML

- The HOD/MBA presented the 3<sup>rd</sup> SEM Curriculum and Syllabus for MBA department. Based on the presentation the council recommends to change the text book as reference books in the syllabus. Dr.R.Kamaraj, HOD/MBA accepted the suggestions. The council RESOLVED to approve the curriculum and Syllabi of M.B.A – Master of Business Administration.
- Mr.M.Karunakaran, HOD/English presented the Curriculum and syllabus of II, III, IV and V semester Professional Skills subjects. Dr.S.Pugazhenthii Professor & Dean from SASTRA University suggested for including one tutorial or Practical hour for professional skill subjects. The suggestion is incorporated by providing two practical hours, instead of one Theory hour.





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- **Dr.S.Pugazhenth**, member requested for explanation on Blood Relation which is mentioned in UNIT-IV, Professional skills-II which was clarified by the Chairman and it was RESOLVED.

### 3.2 To consider and approve the Curriculum & Syllabus of IV Semester - Business Communication and Value Science –III for CSBS.

- It was presented and approved.

### 3.3 To consider and approve the modifications made in UG Regulation.

- The modification made in UG Regulation was presented by Dr.K.Dhayalini HOD/EEE. In Clause-3, the new UG programme in Artificial Intelligence and Machine Learning was included and it was approved.
- In Clause-4.1 - The Mandatory Courses (MC) in B.Tech., - Computer Science and Business Systems & Artificial Intelligence and Data Science (non-credit courses) included in the syllabus is mentioned in Curriculum and the same was approved.
- **Technical Seminar, Professional Skill Practices** are categorized under Employability Enhancement Courses (EEC) in addition to Project Work and/or mini project, Internship, Case Study and Industrial/Practical Training. The Council approved the same.

In Clause-4.5, it is given as, the students may undergo Industrial training / Internship **mandatorily** for a period as specified in the table during summer / winter vacation. The credits earned through Industrial training / Internship will not be counted for GPA/CGPA computation but the credits earned will be indicated in the mark sheet. For 7 days Industrial Training/Internship need to be undertaken continuously from one organization only and for 14 days can be undertaken in two organizations. However, if the number of credits earned is 1 or 2, **these credits shall be considered for classification of the degree. It is mandate to earn two credits for getting first class with distinction and one credit for the completion of the programme.** The students may also undergo Internship at Research organization / University (after due approval from the head of the department) during summer / winter, in lieu of Industrial training.

- Hence, the statement was reframed as **“The students undergoing Industrial training / Internship for a period as specified in the table during summer / winter vacation and the credits earned will be reflected in the mark sheet and not included for CGPA calculation”.** The council approves the same and suggested that the internship should not be mandatory and should not be considered for classification for the award of degree. It was accepted to incorporate.
- In Clause-7.1, it is mentioned as ideally every student is expected to attend all classes of all the courses and secure 100% attendance. Now it is modified as **“Ideally every**





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student is expected to attend all classes of all the courses and secure 100% attendance (including Mandatory non-credit courses)". The Council questioned about the minimum attendance required to write the End semester Examination. Dr.K.Dhayalini replied that 80% overall attendance is mandatory for writing End semester Examination. Then the committee asked about the students those who are not having minimum attendance due to Medical reason and financial problems. She has explained about the break of study then it was approved.

- In clause-11.3, it is stated as Industrial training and seminar shall carry 100 marks and shall be evaluated through internal assessment only. Now it has been modified as **"Industrial training, Interpersonal skills Laboratory and Technical seminar shall carry 100 marks and shall be evaluated through internal assessment only"**.
- In clause-12.1(b), No details are given about the Assessment of mandatory courses now it is clearly defined and the same was approved.
- In clause-12.3, the Theory cum Laboratory component internal mark weightage is not clearly defined and hence it is clarified and approval was given by council.
- In clause-12.5, the Evaluation process for professional skill training was not included, now the detail has been provided. (Refer Annexure)
- In Clause-12.7, the credits earned by the students through online course such as SWAYAM / NPTEL / COURSERA etc., was not clearly defined. **Suitable grading will be provided based on the marks/credit earned through the online courses. It was approved by the Council.**
- The Clause-14.3 and Clause-14.4 are merged as per the council's recommendation. It was accepted to incorporate and approved by the council. (Refer Annexure)
- A student should secure 50% of total marks [Internal Assessment + End semester Examinations]. There is no minimum mark in Internal Assessment whereas a minimum of 45% of mark is required to pass in the End Semester Examination. The same is applicable for Theory, Theory cum Laboratory and Practical Courses (Mini project & Project Work). It has been approved by the council.
- In clause-14.4, the passing requirement for the Employability Enhancement courses is 50% which are assessed only through continuous internal assessment is clarified as **"The passing requirement for the courses (Employability Enhancement courses and Mandatory Non-credit Courses) which are assessed only through continuous internal assessments is 50% of the maximum and the same has been approved.**





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- In clause-14.5, the double valuation is changed to revaluation method by providing photo copy to the students which includes retotaling and the same has been approved by the council.
- In clause-15.2, Earlier Passing requirement for mandatory non-credit courses was not included. Now it has been included. (Refer Annexure)
- In clause-16, In the Eligibility for Award of the degree, Successful completion of industrial Training /Internship was removed as per the council recommendation mentioned in sub clause 16.2.1 & 16.2.2

PG  
Exclude

**3.4 To consider and approve the change of Course code from 10 digits to 07 digits for all UG & PG Programmes as recommended by Academic Council members in 2nd ACM and also redefining of subject Title.**

- As recommended by the council, the modified Curriculum with new course code for the subjects, reduced from 10 digits to 07 digits was presented by Dr.S.Titus, Member secretary. The Council members questioned about the new and Old regulation identification. Dr.S.Titus, explained about Course code framed for UEE1201, represents as follows: "U" - UG Programme, "EE" - Department, "1" - Regulation 2020, "2" - Semester and "01" - Subject Sequence. The council accepted and approved the same.

**4. To consider and approve the Incubation Centre.**

- In the centre CSE department has established a division which was explained in detail by Dr.T.M.Nithya HOD/CSE and it was approved.

**5. To consider and approve the Grade Sheet and Consolidated Mark Sheet issued under Autonomous Stream.**

- Security features have been incorporated in the Grade sheet and Consolidated Mark sheet and the Council approved the same.

**6. To consider and approve the process of End Semester Examinations based on the directions of Anna University for the current ODD semester -NOV/DEC-2021, (Tentative-due to Pandemic).**

- The Council accepted and approved to conduct the End Semester Examinations for the NOV/DEC 2021 as per the Standards framed by the Anna University, Chennai.

## ITEM IV

**7. Any Other Points:**

The meeting concluded with the vote of thanks by Dr. S.Titus, Professor, Department of EEE and Member Secretary of the Academic Council.

PRINCIPAL  
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## MINUTES OF THE 4<sup>th</sup> ACADEMIC COUNCIL MEETING

DATE: 09.04.2022

The fourth meeting of the Academic Council was held on 09.04.2022 at 10.35a.m.in TLC Conference Hall through blendedmode at K.Ramakrishnan College of Engineering under the Chairmanship of Dr.D.Srinivasan, Principal.

### Members Present:

SL. NO.	NAME & DESIGNATION	CATEGORY/ POSITION	SIGNATURE
1.	<b>Dr. D. Srinivasan</b> Principal, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Chairman -Principal	
2.	<b>Dr.R.Kamaraj</b> Professor Department of MBA K.Ramakrishnan college of Engineering Samayapuram, Trichy-621 112	Member COE	
3.	<b>Dr. M. Maheswari</b> Professor Department of ECE K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / ECE	
4.	<b>Dr. K. Dhayalini</b> Professor Department of EEE K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / EEE	
5.	<b>Dr. T.M. Nithya</b> Assistant Professor, Department of CSE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / CSE	
6.	<b>Dr.S. Manikandan</b> Professor Department of Information Technology K. Ramakrishnan College of Engineering Samayapuram, Trichy-621 112	Member HOD / IT	
7.	<b>Dr. M. Meignanamoorthy</b> Assistant Professor Department of Mechanical Engineering K. Ramakrishnan College of Engineering Tiruchirappalli - 621 112	Member HOD / MECH	







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SL. NO.	NAME & DESIGNATION	CATEGORY/ POSITION	SIGNATURE
8.	<b>Dr.B.Kiran Bala</b> Assistant Professor Department of AI&DS K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / AIDS	
9.	<b>Dr. A. Premavasumati</b> Assistant Professor Department of MBA K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member HOD / MBA	A. Premavasumati 12/4/22
10.	<b>Mr. M. Karunakaran</b> Assistant Professor Department of English K. Ramakrishnan College of Engineering Samayapuram, Trichy-621 112	Member HOD/ENGLISH	
11.	<b>Dr. S. Muthuperumal</b> Assistant Professor Department of Mathematics K. Ramakrishnan College of Engineering Samayapuram, Trichy-621 112	Member Dy. COE &HOD / MATHS	
12.	<b>Mr. S. Bakthavatsalam</b> Assistant Professor Department of Physics K. Ramakrishnan College of Engineering Samayapuram, Trichy-621 112	Member HOD / PHYSICS	
13.	<b>Mrs. M.Thamaraiselvi</b> Assistant Professor Department of Physics K. Ramakrishnan College of Engineering Samayapuram, Trichy-621 112	Member HOD / CHEMISTRY	M. Thamaraiselvi 12/4/22
14.	<b>Dr. K. Lenin</b> Professor Department of Mechanical Engineering K. Ramakrishnan College of Engineering Samayapuram, Trichy-621 112	Member Faculty	
15.	<b>Dr. K. Priyadarshini</b> Professor Department of ECE K. Ramakrishnan College of Engineering Samayapuram, Trichy-621 112	IQAC Coordinator Member Faculty	
16.	<b>Dr.R.Ilango</b> Professor, Department of EEE K. Ramakrishnan College of Engineering Samayapuram, Trichy-621 112	Member Faculty	
17.	<b>Mrs. L. Amudha</b> Assistant Professor, Department of CSE K. Ramakrishnan College of Engineering Samayapuram, Trichy-621 112.	Member Faculty	 12/4/2022







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SL. NO.	NAME & DESIGNATION	CATEGORY/ POSITION	SIGNATURE
17.	<b>Dr. S. Vengadesan</b> Professor Department of Applied Mechanics Indian Institute of Technology Madras Chennai - 600 036.	Member Academician - Nominated by Governing Body	<i>on-line</i>
18.	<b>Dr. Anbalagan Thangavel</b> ES-Active Safety (RBEI/ESC1) Robert Bosch Engineering and Business Solutions Private Limited Keeranatham Village, Coimbatore, Tamil Nadu - 641035, INDIA.	Member Industry Expert - Nominated by Governing Body	<i>on-line</i>
19.	<b>Mr. Prasanna Arunachalam</b> GBS Associates Program Leader & HR Leader, GBS CIC India Learning & KnowledgeOuter Ring Road, MTP, D2, 1st Floor Bangalore, KA 560045, India.	Member Industry Expert - Nominated by Governing Body	<i>on-line</i>
20.	<b>Prof. Dr. A. Peer Mohamed</b> Vice Chancellor Abdul Rahman University & Former Professor Department of Textile Technology ACT Campus, Anna University, Chennai - 600 025.	Member - University Nominee	<i>on-line</i>
21.	<b>Dr. R. Malayala Murthi</b> Professor & Head Department of Mechanical Engineering Alagappa Chettiar Government College of Engineering and Technology, Karaikudi - 630 003.	Member - University Nominee	<i>on-line</i>
22.	<b>Dr. S. Titus</b> Professor Department of EEE K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112.	Member Secretary- Principal Nominee	<i>S. Titus</i> <i>12/4/22</i>



**The following members had expressed their inability to attend the meeting due to their preoccupation.**

- Dr. Y.V. Ramana Rao**  
Professor /ECE  
CEG Campus, Chennai.
- Dr. S. Pugazhenth**  
Professor & Dean  
School of Mechanical Engineering,  
SASTRA University, Thanjavur.







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## SPECIAL INVITEE:

**1. Mr.R.Sasi Kumar**  
Assistant Professor/CSE  
K.Ramakrishnan College of Engineering  
Tiruchirappalli

## Points Discussed:

### ITEM I

#### **1.1 Welcome and Introductory Address of the AC Chairman (by Principal, Dr.D.Srinivasan)**

The 4<sup>th</sup> Academic Council meeting of K.Ramakrishnan College of Engineering (An Autonomous Institution Affiliated to Anna University) was held on 09.04.2022 at 10.35 A.M through blended mode from TLC Seminar Hall.

- At the outset, The Academic Council Chairman Dr.D.Srinivasan, Principal welcomed the external and internal council members and thanked them for their presence amidst their busy schedule.
- Dr.S.Titus, Professor, Department of EEE briefed about the agenda of the meeting.

### ITEM II

#### **2. Confirmation of the minutes of the 3<sup>rd</sup> Academic Council meeting held on 03.12.2021.**

- Dr.S.Titus presented and explained the Action Taken Report of the 3<sup>rd</sup> Academic Council meeting minutes for approval.
- The Principal Dr.D.Srinivasan, requested the council to confirm the minutes of the 3<sup>rd</sup> meeting held on 3<sup>rd</sup> December 2021.
- The suggestions and recommendation given in the 3<sup>rd</sup> Academic Council meeting was incorporated and implemented in the curriculum.
- Dr.S.Titus, Professor & Member Secretary, sought confirmation of the minutes of the previous meeting of the Academic council. It was accepted and approved.

### ITEM III

#### **3.0 To consider and approve the minutes brought forward by the Board of Studies based on the HoD's Presentation about Curriculum and Syllabus for 5<sup>th</sup> & 6<sup>th</sup> Semesters, of all UG and 4<sup>th</sup> semester MBA programmes. (Applicable for 2020-21 batches onwards).**

#### **The following points were discussed**

To approve the syllabus of 5<sup>th</sup> and 6<sup>th</sup> semesters, the HoD's of English, Mathematics, CSE, CSBS, ECE, EEE, MECH, IT, AIDS, were requested to present the Syllabus and comments were given by the board of studies members.

To approve the syllabus of 3<sup>rd</sup> and 4<sup>th</sup> semesters, the HoD's of AIML and MBA, were requested to present the Syllabus and comments were given by the board of studies members.







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- 3.1 **Mr.M.Karunakaran**, HoD/English, briefed about their BOS members and presented the “**Professional Communication Laboratory**” syllabus for 5<sup>th</sup> & 6<sup>th</sup> semesters CSE, ECE, EEE, MECH, IT, AIDS and AIML departments.
- 3.2 **Dr.S.Venkatesan**, professor from IIT/madras and Academic Council member pointed out that the LTPC is not mentioned correctly in PPT and it was clarified with the Syllabus. The council approved the same.
- 3.3 **Dr.S. Muthuperumal**, HoD/Maths, briefed about their BOS members and presented the 5<sup>th</sup> semester UAD1503-Optimization Techniques syllabus for AI&DS department and 6<sup>th</sup> semester UMA1651-Operation Research Techniques (PE-III) syllabus for EEE department and the same was approved.
- 3.4 **Mrs.L.Amudha**, Assistant Professor/CSE, briefed about their BOS members comments and presented the 5<sup>th</sup> and 6<sup>th</sup> semester theory and practical subjects syllabus including professional Elective – I, professional Elective-II and Open Elective-I for CSE department. Also she presented the 5<sup>th</sup> & 6<sup>th</sup> semester service subject syllabus for IT, AIDS, CSBS, ECE and EEE departments. It has also been approved by the council.
- 3.5 **Mrs.L.Amudha**, Assistant Professor/CSE, briefed about their BOS members and presented the 5<sup>th</sup> semester theory, practical, Theory cum practical and Mandatory courses syllabus including professional Elective – I (Sem V) for CSBS department and the council approved the same.
- 3.6 **Dr.M.Maheshwari**, Professor & Head/ECE, briefed about their BOS members and presented the 5<sup>th</sup> and 6<sup>th</sup> semester theory and practical subjects including professional Elective – I, and Open Elective-I for ECE department. She also presented the 5<sup>th</sup> & 6<sup>th</sup> semester service subject syllabus for CSE, EEE & IT departments. It was approved.
- 3.7 **Dr.K.Dhayalini**, Professor & Head/EEE, briefed about their BOS members and presented the 5<sup>th</sup> and 6<sup>th</sup> semester theory and practical subjects including professional Elective – I, II & III and Open Elective-I for EEE department. Also she presented the 5<sup>th</sup> & 6<sup>th</sup> semester service subject syllabus for ECE, MECH & CSE departments. It was approved.
- 3.8 **Dr. M. Meignanamoorthy**, Assistant professor & Head/MECH, briefed about their BOS members and presented the 5<sup>th</sup> and 6<sup>th</sup> semester theory and practical subjects including professional Elective – I & II for MECHANICAL department. He also presented the 5<sup>th</sup> & 6<sup>th</sup> semester service subject syllabus for CSE, IT & EEE departments and the same was approved.
- 3.9 **Dr.A.Peer Mohamed**, Vice Chancellor, Abdul Rahman University, Former professor, ACT Campus, Anna University and Academic Council member, **Dr.S.Venkatesan**, professor from IIT/madras and Academic Council member and **Dr.R.Malayala Murthi**, professor & Head Mechanical, AC tech Karaikudi, recommended in making it branded the Automation subject as interdisciplinary subject which can be handled by two staff based on their expertise. It could be an Open Elective for all departments and also suggested to include Non-technical electives at the end. The suggestions were accepted for implementation.
- 3.10 **Dr.S.Manikandan**, Professor & Head/IT briefed about their BOS members and presented the 5<sup>th</sup> and 6<sup>th</sup> semester theory and practical subjects syllabus including professional Elective – I, Professional Elective-II and Open Elective -I for Information Technology department and it was approved.
- 3.11 **Mr.Prasanna Arunachalam**, HR Leader IBM Bangalore suggested that, for CS & IT (If possible for other branches too) to find a way to make it mandatory for them to get





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certificate in one of the cloud technologies as part of their academic curriculum. Also he pointed out that, cloud computing plays a major part in the eco system today, it will be a good value added to student profile.

- 3.12 Dr.D.Srinivasan**, Principal & AC chairman, explained about the initiatives taken in this regard and requested Dr.S.Manikandan, Professor&Head/IT, to brief about the proceedings. He explained that 6 staff has completed the Google cloud computing foundation course and are acting as mentor for 161 registered students. Mr.Prasanna Arunachalam accepted and mentioned that many open sources software are also available. The suggestions were accepted for implementation.
- 3.13 Dr.B.Kiran Bala**, Assistant Professor&Head/AI&DS briefed about their BOS members and presented the 5<sup>th</sup> and 6<sup>th</sup> semester theory and practical subject's syllabus including professional Elective - I, II & III for AI&DS department and it was approved.
- 3.14 Dr.S.Venkatesan**, professor from IIT/madras and Academic Council member **Dr.A.Peer Mohamed**, Vice Chancellor, Abdul Rahman University, Former professor, ACT Campus, Anna University and Academic Council member needed clarification about the Syllabus for AIDS and AIML. Dr.B.Kiran Bala, HoD/AI&DS briefed that both have separate curriculum and syllabus which is handled by different staff. The council accepted and approved.
- 3.15 Mr.Prasanna Arunachalam**, HR Leader IBM Bangalore, also asked- Are we doing Blockchain in any of our curriculum? Also, what is our split up of theory Vs practical on programming languages? For eg: Python. The HoD AI&DS explained that we have included the python subject (both Theory & Practical) in first semester.
- 3.16 Dr.B.Kiran Bala**, Assistant Professor&Head/AI&ML briefed about their BOS members and presented the 3<sup>rd</sup> and 4<sup>th</sup> semester theory and practical subject's syllabus for AIML department and it was approved.
- 3.17 Dr.A.Premavasumati**, Assistant Professor&Head/MBA briefed about their BOS members and presented the 4<sup>th</sup> semester theory and practical subject's syllabus for MBA department and 5<sup>th</sup> & 6<sup>th</sup> semester service subject syllabus for AI&DS, AIML, CSE, CSBS, ECE, EEE, IT and MECH departments and it was approved.
- 3.18 Dr.A.Peer Mohamed**, Vice Chancellor, Abdul Rahman University, Former professor, ACT Campus, Anna University and Academic Council member and **Dr.S.Venkatesan**, professor from IIT/madras and Academic Council member recommended to refer the BIM, IIM etc., for syllabus formation and suggested to include the BPR, stability management, etc., **Mr.Prasanna Arunachalam**, HR Leader IBM Bangalore, suggested Company strategies and case studies etc., She has accepted the council members suggestion for implementation.

## ITEM IV

### **4.0 To Ratify and approve the Equivalent subjects recommended for transfer candidates of ECE and CSE department.**

4.1 Dr.S.Titus, Professor, presented the transfer candidate details for ratification:

- The candidate **Ms.S.Swetha** (New Register No: 8115U20CS701) of CSE department has studied the subjects equal to our Autonomous syllabus, and also the





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credits are matched. Hence, the committee has **NOTRECOMMENDED** any equivalent subject.

- **Ms.R.Nivitha** (New Register No: 8115U20EC701) of ECE department has been transferred from Bannari Amman Institute of Technology (Autonomous), Sathyamangalam to K.Ramakrishnan College of Engineering, Trichy. Since the credits do not match the Academic Committee recommended Three Subjects, one from 1<sup>st</sup> semester and two from 2<sup>nd</sup> semester. The council approved it.
- **Dr.S.Venkatesan**, professor from IIT/madras and Academic Council member and Dr.A.Peer Mohamed, Vice Chancellor, Abdul Rahman University, Former professor, ACT Campus, Anna University and Academic Council member asked for the reason of transfer and approved the same.

## ITEM V

**5.0 To Ratify and approve the Board of studies members for IT, AIDS and AIML programme.**

5.1 As per the guidelines of UGC the Board of Studies members for IT, AIDS and AIML departments has been framed and got the approval from Anna University. The same has been presented for ratification and approved.

## ITEM VI

**6.0 To consider and approve the modification made in UG & PG Regulation.**

6.1 The modification made in the R2020 UG Regulation was presented by Dr.K.Dhayalini, HoD/EEE, under the clause 6.5- Flexibility to add the courses and Clause 16.2-Classification of the degree awarded for FIRST Class. It is modified from 7.00 to 6.50 CGPA for obtaining First Class.

The Council asked about the necessity of Modification in this regard, Dr.D.Srinivasan, Principal explained that, as per the UGC guidelines the institution has to follow the equal or over and above the university norms and based on that it is followed. Since the Anna University has changed the condition for obtain First class as 6.50 CGPA, the same is implemented for the institution. Moreover, as many of the students are from rural background it is considered and modified. The council approved the same.

6.2 The modification made in the R2020 PG Regulation was presented by Dr.S.Titus, professor/EEE, under the clause 3.6.2- Industrial Training/Internship, Clause 16.1-Eligibility for Award of Degree and Clause 17.0-Classification of the Degree Awarded. It is modified as "The students of M.E degree programme should present the project work in any International conferences instead of any reputed international journals". Also the industrial training/internship made as Optional. The council approved the same.

6.3 In PG Curriculum, the Title "Project Work Phase - 1" has been modified as "Project Work Phase I" and it was approved.

6.4 In PG Regulation R2020, the condition to obtain FIRST class degree has been modified as 6.50 CGPA instead of 7.00 as made in UG Regulation and it was approved.





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## ITEM VII

**7.0 To Ratify and approve the ONLINE Examinations for higher semester and OFFLINE End Semester Examinations for the current 1<sup>st</sup> semester UG and PG -NOV/DEC-2021.**

7.1 As per the Anna University guidelines the Semester Nov/Dec-2021 examinations were conducted. It is requested for ratification and approved.

## ITEM VIII

**8.0 Courses on employability/ entrepreneurship/ skill development included in the Curriculum.**

Since the institution has Institution Innovation Council, approved by Ministry of Education, it is focused towards the Employability skill subject, Entrepreneurship skills and skill development courses which is included in R2020 curriculum for the welfare of students. The council accepted and approved.

## ITEM IX

**9.0 Feedback for design and review of syllabus from stakeholders (Students, Teachers, Employers and Alumni).**

9.1 To meet the societal and industrial needs the Students, Teachers, Employers and Alumni feedback has been implemented. This helps to update Curriculum and Syllabus to satisfy the stakeholder's requirements. It was also approved.

**9.2 Dr. A. Peer Mohamed**, vice Chancellor, Abdul Rahman University, Former professor, ACT Campus, Anna University and Academic Council member asked clarification regarding the type of ONLINE courses offered. Dr. D. Srinivasan, principal highlighted that NPTEL-SWAYAM ONLINE courses are offered and the same was accepted.

**9.3 Dr. Anbalagan Thangavel**, from Robert Bosch recommended framing the syllabus based on the company needs. Also, he asked that any industry recommended courses has been incorporated in the curriculum. Dr. D. Srinivasan, principal replied that WIPRO-PRP, TCS syllabus for CSBS and PEGA - CTS were incorporated and accepted.

**9.4 Dr. D. Srinivasan**, principal and AC Chairman, suggested that the Renewable energy systems Subject could be handled by Mechanical Department.

- Finally, Dr. R. Kamaraj, Professor/MBA and CoE thanked all the Academic Council Members and the meeting ends.

*D. Srinivasan*  
12/14/2022

PRINCIPAL

PRINCIPAL

K. Ramakrishnan College of Engineering  
(Autonomous)  
Samayapuram, Tiruchirappalli - 621 112.



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## **FIFTH ACADEMIC COUNCIL - MINUTES**

**DATE: 26.11.2022**

**TIME: 10.35 A.M.**

**VENUE: TEACHING LEARNING CENTRE HALL**





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### MINUTES OF THE 5<sup>th</sup> ACADEMIC COUNCIL MEETING

**DATE: 26.11.2022**

The fifth meeting of the Academic Council was held on 26th November 2022 at 10.35a.m.in Teaching Learning Centre Hall through blended mode at K. Ramakrishnan College of Engineering, Tiruchirappalli under the chairmanship of Dr. D. Srinivasan, Principal.

#### Members Present:

S. NO.	NAME & DESIGNATION	CATEGORY/ POSITION
1.	<b>Dr. D. Srinivasan</b> Principal, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Chairman - Principal
2.	<b>Dr. S. Vengadesan</b> Professor, Department of Applied Mechanics, Indian Institute of Technology Madras, Chennai – 600 036.	Member Academician – Nominated by Governing Body
3.	<b>Dr.S.Pugazhenth</b> Professor & Dean, School of Mechanical Engineering, SASTRA University, Thanjavur.	Member Academician – Nominated by Governing Body
4.	<b>Dr. AnbalaganThangavel</b> ES-Active Safety (RBEI/ESC1) Robert Bosch Engineering and Business Solutions Private Limited, Keeranatham Village, Coimbatore, Tamil Nadu – 641035, INDIA.	Member Industry Expert - Nominated by Governing Body
5.	<b>Dr.R.Malayala Murthi</b> Principal, Government College of Engineering, Salem.	Member – University Nominee



6.	<b>Dr.R.Kamaraj</b> Controller of Examinations, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member - CoE
7.	<b>Dr. M. Maheswari</b> Professor, Department of ECE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/ECE
8.	<b>Mr.G.Gabriel Santhosh Kumar</b> Assistant Professor, Department of EEE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/EEE
9.	<b>Dr.T.M.Nithya</b> Associate Professor, Department of CSE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/CSE
10.	<b>Dr.S.Manikandan</b> Professor, Department of Information Technology, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/IT
11.	<b>Dr.M.Meignanamoorthy</b> Associate Professor, Department of Mechanical Engineering, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/MECH
12.	<b>Dr.B.Kiran Bala</b> Associate Professor, Department of AI&DS, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/AI&DS
13.	<b>Dr. S. Titus</b> Professor, Department of EEE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/ I year



14.	<b>Dr.S.Neelakandan</b> Associate Professor, Department of English, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/English
15.	<b>Dr. M.Venkatachalapathy</b> Professor, Department of Mathematics, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/Maths
16.	<b>Dr.S.Sivanantham</b> Assistant Professor, Department of Physics, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/Physics
27.	<b>Mrs.M.Thamaraiselvi</b> Assistant Professor, Department of Chemistry, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/Chemistry
18.	<b>Dr.A.Premavasumathi</b> Associate Professor, Department of MBA, K.Ramakrishnan College of Engineering, Samayapuram, Trichy – 621 112	Member – HoD/MBA
19.	<b>Dr.K.Lenin</b> Professor, Department of Mechanical Engineering, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member Faculty
20.	<b>Dr.K.Priyadharshini</b> Professor, Department of ECE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member Faculty
21.	<b>Mrs.L.Amudha</b> Assistant Professor, Department of CSE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member Faculty



22.	<p><b>Dr.K.Dhayalini</b> Professor, Department of EEE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112</p>	<p>Head – Centre for Academic Affairs Member Secretary - Principal Nominee</p>
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The following members expressed their inability to attend the meeting due to their preoccupation.

**1. Mr. Prasanna Arunachalam**

GBS Associates Program Leader & HR Leader,  
GBS CIC India Learning & Knowledge.  
Outer Ring Road, MTP, D2, 1st Floor  
Bangalore, KA 560045, India.

**2. Dr. Y.V. Ramana Rao**

Professor,  
Department of ECE,  
CEG Campus, Anna University,  
Chennai – 600 025.

**3. Prof. A. Peer Mohamed**

Vice Chancellor,  
B.S. Abdur Rahman Crescent Institute of Science and Technology,  
Chengalpattu,  
Tamil Nadu

**The minutes of the meeting as follows:**

**ITEM No. AC: 5:2022:1.0**

***1.0 Welcome address by the Chairman of the Academic Council.***

- ❖ The Academic Council Chairman Dr.D. Srinivasan, Principal heartily welcomed the members of Academic Council and opined that the college would benefit immensely for their visionary advice. He thanked them for sparing their valuable time from their busy schedule to participate and helped the college in taking appropriate decisions. Also welcomed and thanked Dr.S.Pugazhenthii, Professor & Dean, Sastra University who joined in online mode for the meeting.
  
- ❖ Dr.K.Dhayalini, Professor, Department of EEE and Head, Centre for Academic Affairs took up the items listed in the agenda for discussion one by one and presented in the academic council meeting.



**ITEM No. AC: 5:2022:2.0**

***2.0 Confirmation of the minutes of the 4th Academic Council meeting held on 09.04.2022.***

- ❖ Dr.K.Dhayalini, Head, Centre for Academic Affairs presented and explained the Action Taken Report of the 4<sup>th</sup> Academic Council meeting minutes for approval.
- ❖ The Chairman, Academic council Dr.D.Srinivasan requested the council to confirm the minutes of the 4<sup>th</sup> academic council meeting held on 9<sup>th</sup> April 2022.
- ❖ The suggestions and recommendations given in the 4<sup>th</sup> Academic Council meeting was incorporated and implemented in the curriculum and regulation.
- ❖ Dr.K.Dhayalini, Professor, Department of EEE and Member Secretary, requested for the confirmation of the minutes of 4<sup>th</sup> meeting of Academic Council.

The committee resolved and confirmed the minutes of 4<sup>th</sup> Academic Council Meeting held on 9<sup>th</sup> April 2022.

**ITEM No. AC: 5:2022:3.0**

***3.0 To approve the curriculum and syllabus of seventh semester B.E./B.Tech. program and the syllabus of open electives in sixth and seventh semesters offered by the following branches as recommended by the respective BOS. (Applicable for 2020-21 batches onwards)***

- *Artificial Intelligence and Data Science*
- *Computer Science and Engineering*
- *Electrical and Electronics Engineering*
- *Electronics and Communication Engineering*
- *Information Technology*
- *Mechanical Engineering*

As per the **ITEM No AC: 5:2022:3.0**, the Curriculum and Syllabus of UG, sixth and seventh semester B.E/B.Tech program of the respective departments had been presented by the concerned HoDs.

The suggestions and clarifications made by the Academic Council Members during the presentation are as follows,

***3.1 Department of Artificial Intelligence and Data Science***

- ❖ **Dr.B.Kiran Bala**, HoD/ AI&DS briefed about their BoS members and presented the seventh semester theory and practical subjects including professional elective - IV and open elective - I.
- ❖ It is suggested to have prerequisites for the Open Elective - I OEC1754 -Wireless Sensor Networks and OEC1755- Microprocessors, Microcontrollers and Applications.

The council resolved to approve the syllabus of seventh semester theory and practical subjects including professional elective - IV and open elective - I and the suggestions were accepted for implementation.



### ***3.2 Department of CSE***

- ❖ **Dr.T.M.Nithya**, HoD/ CSE briefed about their BoS members and presented the seventh semester theory and practical subjects including professional elective – III & IV and open electives offered to other departments.

The council resolved to approve the syllabus of seventh semester theory and practical subjects including professional elective – III & IV and open electives offered to other departments and the suggestions were accepted for implementation.

### ***3.3 Department of EEE***

- ❖ **Mr.G.Gabriel Santhos Kumar**, HoD/ EEE briefed about their BoS members and presented the seventh semester theory and practical subjects including professional elective - IV and open elective - II and open electives offered to other departments.

The council resolved to approve the syllabus of the seventh semester theory and practical subjects including professional elective - IV and open elective II and open electives offered to other departments.

### ***3.4 Department of ECE***

- ❖ **Dr.M.Maheswari**, HoD/ ECE briefed about their BoS members and presented the seventh semester theory and practical subjects including professional elective - II and professional electives and open electives offered to other departments.
- ❖ **Dr.S.Vengadesan**, Professor, IITM, Chennai suggested that sufficient copies of the reference book - Applied Image Processing by Awcock Thomas, should be available in the library and E-Books can be used.

The council resolved to approve the syllabus of the seventh semester theory and practical subjects including professional elective - II and professional electives and open electives offered to other departments and the suggestions were accepted for implementation.

### ***3.5 Department of IT***

- ❖ **Dr.S.Manikandan**, HoD/ IT briefed about their BoS members and presented the seventh semester theory and practical subjects including professional elective – III & IV and open electives offered to other departments.

The council resolved to approve the syllabus of the seventh semester theory and practical subjects including professional elective – III & IV and open electives offered to other departments.

### ***3.6 Department of Mechanical Engineering***

- ❖ **Dr.M.Meignanamoorthy**, HoD/ Mechanical briefed about their BoS members and presented the seventh semester theory and practical subjects including professional elective – III and open electives - II and open electives offered to other departments.

The council resolved to approve the syllabus of the seventh semester theory and practical subjects including professional elective – III and open electives- II and open electives offered to other departments.

**ITEM No. AC: 5:2022:4.0**

***4.0 To approve the curriculum and syllabus of the fifth and sixth semesters of Artificial Intelligence and Machine learning department. (Applicable for 2021-22 batches onwards)***

- ❖ **Dr.B.Kiran Bala**, HoD/ AI&ML briefed about their BoS members and presented the fifth and sixth semester theory and practical subjects including professional elective – I, II and III.
- ❖ Council members suggested to take up online courses offered by NPTEL/Coursera as mandatory courses.
- ❖ One of the committee members **Dr. S. Venkatesan**, Professor, IITM, Chennai suggested to consider Sports Analytics course into the curriculum.

The council resolved to approve the syllabus of fifth and sixth semesters theory and practical subjects including professional elective – I, II and III of Artificial Intelligence and Machine learning department.

**ITEM No. AC: 5:2022:5.0**

***5.0 To approve the curriculum and syllabus of the sixth and seventh semesters of Computer Science and Business Systems department. (Applicable for 2020-21 batches onwards)***

- ❖ **Dr.T.M.Nithya**, HoD/ CSBS briefed about their BoS members and presented the sixth and seventh semester theory and practical subjects including professional elective – I, II and III and open electives I,II and III.
- ❖ Council members suggested to classify the open electives as technical and non-technical.

The council resolved to approve the syllabus of the sixth and seventh semesters of Computer Science and Business Systems department and the suggestions were accepted for implementation.

**ITEM No. AC: 5:2022:6.0**

***6.0 To approve the syllabus of management papers offered in fifth, sixth and seventh semesters of the following branches as recommended by the BOS of department of MBA.***

- ***Artificial Intelligence and Data Science***
- ***Artificial Intelligence and Machine Learning***
- ***Computer Science and Business Systems***
- ***Electrical and Electronics Engineering***
- ***Information Technology***
- ***Mechanical Engineering***



- ❖ **Dr.A. Premavasumathi**, HoD/ MBA briefed about their BoS members and presented the fifth, sixth, seventh and eighth semester management papers offered to the departments of AI&DS, AI&ML, CSBS, EEE, IT and Mechanical engineering.

The council resolved to approve the syllabus of the fifth, sixth, seventh and eighth semester management papers offered to the departments of AI&DS, AI&ML, CSBS, EEE, IT and Mechanical engineering.

**ITEM No. AC: 5:2022:7.0**

***7.0 To approve the syllabus of open elective OGE1653 - Air Pollution and Control Engineering offered in VI semester of CSBS department as recommended by the BoS of the department of Chemistry.***

- ❖ **Mrs.M.Thamaraiselvi**, HoD/ Chemistry briefed about their BoS members and presented the syllabus of open elective OGE1653 - Air Pollution and Control Engineering offered in VI semester of CSBS department.

The council resolved to approve the syllabus of open elective OGE1653 - Air Pollution and Control Engineering offered in VI semester of CSBS department.

**ITEM No. AC: 5:2022:8.0**

***8.0 To approve the syllabus of mathematics papers offered in third, fourth and fifth semesters of Artificial Intelligence and Machine Learning department as recommended by the BOS of department of Mathematics.***

- ❖ **Dr.M.Venkatachalapathy**, HoD/ Maths briefed about their BoS members and presented the syllabus of mathematics papers offered in third, fourth and fifth semesters of Artificial Intelligence and Machine Learning department.

The council resolved to approve the syllabus of mathematics papers offered in third, fourth and fifth semesters of Artificial Intelligence and Machine Learning department.

**ITEM No. AC: 5:2022:9.0**

***9.0 To approve the syllabus of UHS1651 - Business Communication & Value Science offered in VI semester of CSBS department as recommended by the BOS of department of English.***

- ❖ **Dr. S. Neelakandan**, HoD/ English briefed about their BoS members and presented the syllabus of UHS1651 - Business Communication & Value Science offered in VI semester of CSBS department.

- ❖ One of the expert members, Dr. S.Vengadesan, Professor, IITM, Chennai, advised that Newspaper correspondent/Editor/ member of British Council can be included as nominee instead of industry nominee in the Board of Studies.

The council resolved to approve the syllabus of UHS1651 - Business Communication & Value Science offered in VI semester of CSBS department and suggestion considered for implementation.

**ITEM No. AC: 5:2022:10.0**

***10.0 To Ratify and approve the Mandatory courses, Foundation and Deep skilling courses offered under the new scheme ‘Naan Mudhalvan’ for the benefit of college students to get relevant information about industry specified skill offerings.***

- ❖ **Dr. K.Dhayalini**, Member Secretary, Academic council presented the Naan Mudhalvan scheme, the flagship Initiative by the Government of Tamilnadu which will promote skill development in the State of Tamilnadu by providing equal opportunities to all aspirants. This platform aims to provide dynamic information for college students on courses and relevant information about industry specific skill offerings.

After discussions, the Council resolved to approve and ratify the Mandatory courses, Foundation and Deep skilling courses offered under the new scheme ‘Naan Mudhalvan’ for the benefit of college students to get relevant information about industry specified skill offerings.

**ITEM No. AC: 5:2022:11.0**

***11.0 To Ratify and approve the syllabus of the Employability Enhancement category mandatory course “HX8001 – Professional Readiness for Innovation, Employability and Entrepreneurship” with three credits recommended by Naalaiya Thiran Project 2022, a joint initiative of Anna University, instead of one of the electives in VII semester of CSE and ECE department.***

- ❖ **Dr. K.Dhayalini**, Member Secretary, Academic council briefed about the Employability Enhancement category mandatory course “HX8001 – Professional Readiness for Innovation, Employability and Entrepreneurship” with three credits recommended by Naalaiya Thiran Project 2022, implemented in CSE and ECE departments instead of one elective in VII semester.
- ❖ The Government of Tamilnadu has launched Nalaiya Thiran – an experiential project-based learning program, with Anna University as the University Ecosystem Partner, IBM as the Technology Partner, ICT Academy as the Support Partner, and NASSCOM as the Skills Certification Partner.
- ❖ IBM has identified 50 industry problem statements for which students shall build solutions while they undergo 100 hrs. of project-based learning as an elective course with 3 academic credits

After deliberations, the Council resolved to approve the implementation of Employability Enhancement category mandatory course “HX8001 – Professional Readiness for Innovation, Employability and Entrepreneurship” in the CSE and ECE departments instead of one elective in VII semester.

**ITEM No AC: 5:2022:12.0**

***12.0 To ratify and approve the Regulation 2020A for UG and PG program.***

- ❖ **Dr. K.Dhayalini**, Member Secretary, Academic council presented the Regulation 2020A of UG and PG program. She presented the modifications implemented in the regulation 2020A in clauses 11, 12, 13, 14, 15 and 20 as per the instruction of Anna University and which is applicable for students admitted in the year 2021 onwards.



- ❖ Each course, both theory and practical (including project work & viva voce Examinations) shall be evaluated for a maximum of 100 marks.
- ❖ For all theory courses, the continuous internal assessment will carry **40 marks** while the End Semester Examination will carry **60 marks**.
- ❖ For all theory courses with laboratory component, the continuous internal assessment will carry **50 marks** while the End Semester Examination will carry **50 marks**.
- ❖ For all laboratory courses, the continuous internal assessment will carry **60 marks** while the End Semester Examination will carry **40 marks**.
- ❖ The continuous internal assessment for the project work will carry **40 marks** while the End Semester Examination will carry **60 marks**.
- ❖ Assessments of Laboratory courses, mini project and project work will be evaluated on **absolute grading method** whereas theory courses and theory course with laboratory component will be evaluated on **relative grading method**.

After discussions, the Council resolved to approve and ratify the Regulation 2020A for both UG and PG programs.

#### **ITEM No. AC: 5:2022:13.0**

***13.0 To consider and approve the supplementary examination implemented in all semesters of UG and PG program.***

- ❖ **Dr. K.Dhayalini**, Member Secretary, Academic council presented the implementations of the supplementary examinations in each semester of UG program within a month after the declaration of semester results.
- ❖ Students those who are absent or having arrear in theory courses in a semester are eligible to appear for the supplementary examination with the same internal marks earned.
- ❖ After the declaration of the results of End Semester Examination and revaluation results, students are eligible to register for supplementary examination.
- ❖ Students are not allowed to appear for supplementary examination for the improvement of grade.
- ❖ If a student fails a subject in the supplementary examination, he will not be permitted to appear the respective subject in the immediate semester.
- ❖ Supplementary examination is not applicable to theory cum laboratory courses, laboratory courses, mini project and project work.
- ❖ The expert members suggested to clarify the norms of Anna University before implementation of supplementary examinations.

After deliberations, the Council resolved to approve the implementation of supplementary examinations in all semesters and their suggestion considered for implementation.

#### **ITEM No. AC: 5:2022:14.0**

***14.0 To consider and approve the recognition of the institute as Host Institute (HI) for implementation of the incubation component under MSME innovative scheme.***

The committee resolved to approve the recognition of the institute as Host Institute (HI) for implementation of the incubation component under MSME innovative scheme.

**ITEM No. AC: 5:2022:15.0**

***15.0 To ratify and approve the following committees formed for the improvement of Teaching Learning process:***

- *Centre for Accreditation and Rankings*
- *Centre for Research and Development*
- *Centre for Academic affairs*
- *Centre for Student Affairs.*

❖ **Dr. K.Dhayalini**, Member Secretary, Academic council briefed about various committees constituted and the primary role and scope of the committees for the development and improvement of Teaching Learning process in the institution.

The Council unanimously resolved to approve the establishment of above committees for the improvement of Teaching Learning process.

**ITEM No. AC: 5:2022:16.0**

***16.0 To consider and approve the II, IV, VI and VIII semester results of APR/MAY 2022 Examinations.***

The expert members suggested to compare the performance of the students i.e., semester results before and after autonomous.

The Council resolved to approve the II, IV, VI and VIII semester results of APR/MAY 2022 Examinations and their suggestion considered for implementation.

**ITEM No. AC: 5:2022:17.0**

***17.0 To consider and approve the students graduated during the year 2022.***

The number of UG and PG students graduated during the year 2022 was presented to the council members by Dr. K.Dhayalini, Member Secretary, Academic council.

The Council resolved to approve the students graduated during the year 2022.

**ITEM No. AC: 5:2022:18.0**

***18.0 To consider and approve the Examinations for UG and PG program during NOV/DEC – 2022 and APR/MAY 2023***

❖ **Dr. K.Dhayalini**, Member Secretary, Academic council requested approval for the UG and PG examinations to be conducted during Nov/Dec 2022 and Apr/May 2023.

The council members resolved to approve the same.

**ITEM No. AC: 5:2022:19.0**

***19.0 To consider and approve the award of B.E./B.Tech. (Honors) with specialization, B.E. / B. Tech. (Honors) and B.E./B.Tech. Minor in other specialization.***

❖ As per the guidelines provided by AICTE and 28th Academic Council of Anna University, our institute also wishes to implement Honors/Minor scheme for the B.E/B.Tech. programs.

❖ **Dr. K.Dhayalini**, Member Secretary, Academic council explained in detail the rules and regulations for the implementation of Honors/Minor scheme to be implemented from V



semester onwards for the students who are admitted in the academic year 2021 onwards. After deliberations, the Council resolved to approve the implementation Honors/Minor scheme to be implemented from V semester onwards for the students who are admitted in the academic year 2021 onwards.

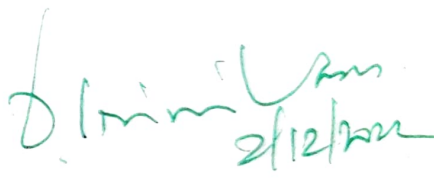
**ITEM No. AC: 5:2022:20.0**

***20.0 Forum would be open for further discussion and advice.***

After discussions, the Council suggested implementing the open electives of all the departments to be categorized in a single group and students of any department can choose the open electives as per their wish. The suggestions were accepted for implementation.

Finally, Dr.K. Dhayalini, Member secretary, Academic Council and Head, Centre for Academic affairs thanked all the Academic council members for their valuable suggestions to improve the academic quality of the institution and the meeting ended up in a fruitful manner.

  
2/12/22  
**MEMBER SECRETARY**

  
2/12/22  
**PRINCIPAL**  
PRINCIPAL  
K. Ramakrishnan College of Engineering  
(Autonomous)  
Srinivasaram, Tiruvallur - 601 302



# K.RAMAKRISHNAN COLLEGE OF ENGINEERING

(Autonomous)

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Accredited by NBA and MHRD NIRF ranked Institution,  
Samayapuram, Tiruchirappalli – 621 112, Tamilnadu, India.



## 5<sup>TH</sup> ACADEMIC COUNCIL MEETING




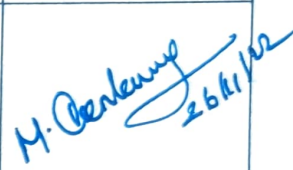


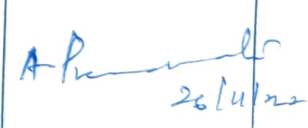

### ATTENDANCE SHEET

The following members attended 5<sup>th</sup> Academic Council meeting held on 26<sup>th</sup> November 2022 at Teaching Learning Centre, K. Ramakrishnan College of Engineering (Autonomous), Tiruchirappalli.

S. NO.	NAME & DESIGNATION	CATEGORY/ POSITION	SIGNATURE
1.	<b>Dr. D. Srinivasan</b> Principal, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Chairman - Principal	
2.	<b>Dr. S. Vengadesan</b> Professor, Department of Applied Mechanics, Indian Institute of Technology Madras, Chennai – 600 036.	Member Academician – Nominated by Governing Body	
3.	<b>Dr.S.Pugazhenth</b> Professor & Dean, School of Mechanical Engineering, SASTRA University, Thanjavur.	Member Academician – Nominated by Governing Body	Attended in online mode
4.	<b>Dr. Anbalagan Thangavel</b> ES-Active Safety (RBEI/ESC1) Robert Bosch Engineering and Business Solutions Private Limited, Keeranatham Village, Coimbatore, Tamil Nadu – 641035, INDIA.	Member Industry Expert - Nominated by Governing Body	
5.	<b>Mr. Prasanna Arunachalam</b> GBS Associates Program Leader & HR Leader, GBS CIC India Learning & Knowledge. Outer Ring Road, MTP, D2, 1st Floor Bangalore, KA 560045, India.	Member Industry Expert - Nominated by Governing Body	—
6.	<b>Dr. Y.V. Ramana Rao</b> Professor, Department of ECE, CEG Campus, Anna University, Chennai – 600 025.	Member – University Nominee	—



7.	<b>Prof. A. Peer Mohamed</b> Vice Chancellor, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chengalpattu, Tamil Nadu	Member – University Nominee	—
8.	<b>Dr.R.Malayala Murthi</b> Principal, Government College of Engineering, Salem.	Member – University Nominee	<i>M. Murthi</i> 26.11.22
9.	<b>Dr.R.Kamaraj</b> Controller of Examinations, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member - CoE	<i>R. Kamaraj</i> 26.11.22
10.	<b>Dr. M. Maheswari</b> Professor, Department of ECE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/ECE	<i>M. Maheswari</i> 26.11.22
11.	<b>Mr.G.Gabriel Santhosh Kumar</b> Assistant Professor, Department of EEE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/EEE	<i>G. Gabriel</i> 26/11/22
12.	<b>Dr.T.M.Nithya</b> Associate Professor, Department of CSE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/CSE	<i>T.M. Nithya</i> 26/11/22
13.	<b>Dr.S.Manikandan</b> Professor, Department of Information Technology, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/IT	<i>S. Manikandan</i> 26/11
14.	<b>Dr.M.Meignanamoorthy</b> Associate Professor, Department of Mechanical Engineering, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/MECH	<i>M. Meignanamoorthy</i> 26/11/22

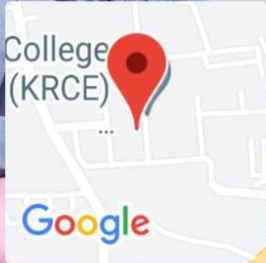
15.	<b>Dr.B.Kiran Bala</b> Associate Professor, Department of AI&DS, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/AI&DS	 21/11/22
16.	<b>Dr. S. Titus</b> Professor, Department of EEE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/ I year	 26/11/22
17.	<b>Dr.S.Neelakandan</b> Associate Professor, Department of English, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/English	 26/11/22
18.	<b>Dr. M.Venkatachalapathy</b> Professor, Department of Mathematics, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/Maths	 26/11/22
19.	<b>Dr.S.Sivanantham</b> Assistant Professor, Department of Physics, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/Physics	 26/11/22
20.	<b>Mrs.M.Thamaraiselvi</b> Assistant Professor, Department of Chemistry, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/Chemistry	 26/11/22
21.	<b>Dr.A.Premavasumathi</b> Associate Professor, Department of MBA, K.Ramakrishnan College of Engineering, Samayapuram, Trichy – 621 112	Member – HoD/MBA	 26/11/22
22.	<b>Dr.K.Lenin</b> Professor, Department of Mechanical Engineering, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member - Faculty	



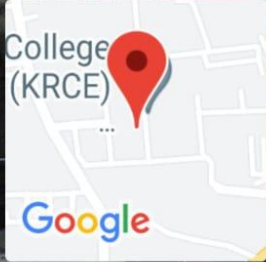
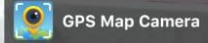
23.	<b>Dr.K.Priyadharshini</b> Professor, Department of ECE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member - Faculty	<i>K.P. Priyadharshini</i> 26/11/22
24.	<b>Mrs.L.Amudha</b> Assistant Professor, Department of CSE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member - Faculty	<i>L. Amudha</i> 26/11/2022
25.	<b>Dr.K.Dhayalini</b> Professor, Department of EEE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member Secretary - Principal Nominee	<i>K. Dhayalini</i> 26/11/22

*K. Dhayalini*  
29/11/22  
**MEMBER SECRETARY**

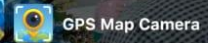
*J. Prasad*  
29/11/2022  
**CHAIRMAN - ACADEMIC COUNCIL**



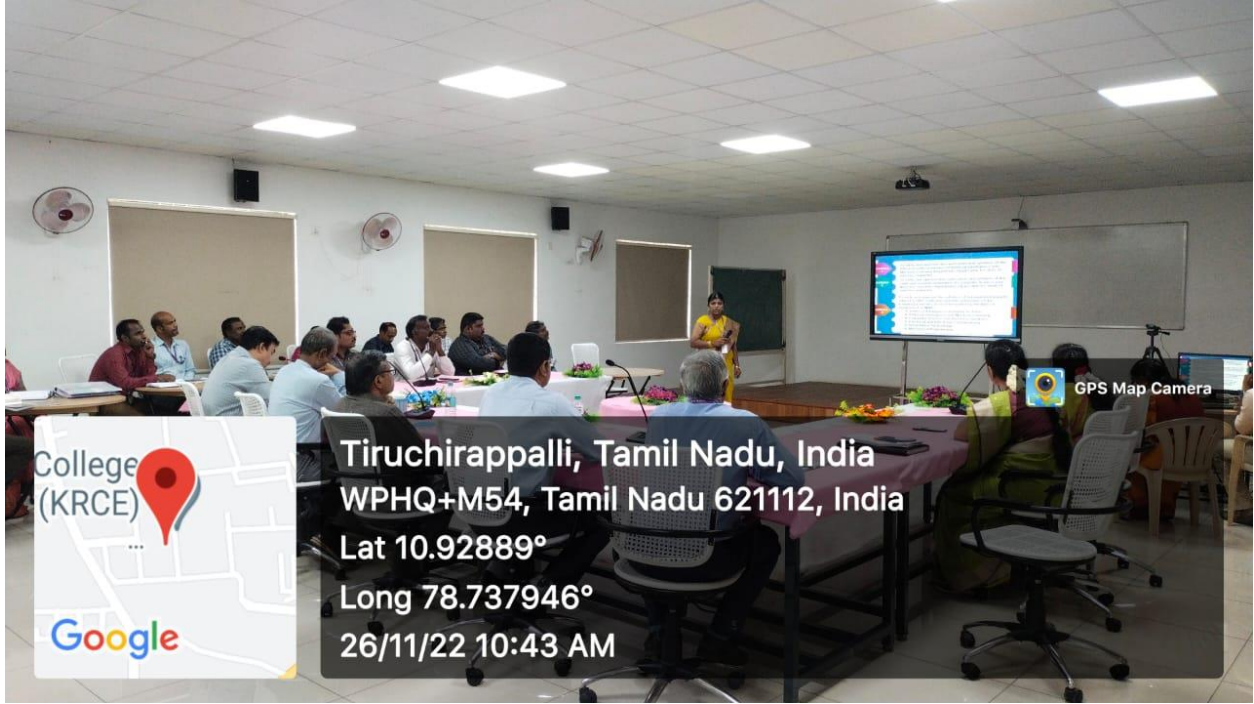
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# **K.RAMAKRISHNAN COLLEGE OF ENGINEERING**

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Samayapuram, Tiruchirappalli – 621 112, Tamilnadu, India.*



## **SIXTH ACADEMIC COUNCIL - MINUTES**

**DATE: 23.05.2023**

**TIME: 10.35 A.M.**

**VENUE: TEACHING LEARNING CENTRE HALL**





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Accredited by NBA and MHRD **NIRF** ranked Institution,  
Samayapuram, Tiruchirappalli – 621 112, Tamilnadu, India.



### MINUTES OF THE 6<sup>th</sup> ACADEMIC COUNCIL MEETING

**DATE: 23.05.2023**

The sixth meeting of the Academic Council was held on 23<sup>rd</sup> May 2023 at 10.35a.m.in Teaching Learning Centre Hall through hybrid mode at K. Ramakrishnan College of Engineering, Tiruchirappalli under the chairmanship of Dr. D. Srinivasan, Principal.

#### **Members Present:**

S. NO.	NAME & DESIGNATION	CATEGORY/ POSITION
1.	<b>Dr. D. Srinivasan</b> Principal, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Chairman - Principal
2.	<b>Dr. S. Vengadesan</b> Professor, Department of Applied Mechanics, Indian Institute of Technology Madras, Chennai – 600 036.	Member Academician – Nominated by Governing Body
3.	<b>Dr.S.Pugazhenth</b> Professor & Dean, School of Mechanical Engineering, SASTRA University, Thanjavur.	Member Academician – Nominated by Governing Body
4.	<b>Dr. AnbalaganThangavel</b> ES-Active Safety (RBEI/ESC1) Robert Bosch Engineering and Business Solutions Private Limited, Keeranatham Village, Coimbatore, Tamil Nadu – 641035, INDIA.	Member Industry Expert - Nominated by Governing Body
5.	<b>Prof. A. Peer Mohamed</b> Emeritus professor Anna University, Chennai	Member – University Nominee

6.	<b>Dr.R.Kamaraj</b> Controller of Examinations, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member - CoE
7.	<b>Dr. M. Maheswari</b> Professor, Department of ECE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/ECE
8.	<b>Mr.G.Gabriel Santhosh Kumar</b> Assistant Professor, Department of EEE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/EEE
9.	<b>Dr.T.M.Nithya</b> Assistant Professor, Department of CSE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/CSE
10.	<b>Dr.S.Manikandan</b> Professor, Department of Information Technology, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/IT
11.	<b>Dr.H.Ramakrishnan</b> Assistant Professor, Department of Mechanical Engineering, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/MECH
12.	<b>Dr.B.Kiran Bala</b> Assistant Professor, Department of AI&DS, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/AI&DS
13.	<b>Dr. S. Titus</b> Professor, Department of EEE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/ I year



14.	<b>Mr.M.Karunakaran</b> Assistant Professor, Department of English, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/English
15.	<b>Dr. M.Venkatachalapathy</b> Professor, Department of Mathematics, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/Maths
16.	<b>Dr.S.Sivanantham</b> Assistant Professor, Department of Physics, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/Physics
27.	<b>Mrs.M.Thamaraiselvi</b> Assistant Professor, Department of Chemistry, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/Chemistry
18.	<b>Dr.A.Premavasumathi</b> Assistant Professor, Department of MBA, K.Ramakrishnan College of Engineering, Samayapuram, Trichy – 621 112	Member – HoD/MBA
19.	<b>Dr.K.Lenin</b> Professor & Head, Centre for Student Affairs K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member Faculty
20.	<b>Dr.K.Priyadharshini</b> Professor & Coordinator, IQAC, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member Faculty
21.	<b>Mrs. L. Amudha</b> Assistant Professor, Department of CSE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member Faculty

22.	<b>Dr.K.Dhayalini</b> Professor & Head, Centre for Academic Affairs, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member Secretary - Principal Nominee
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The following members expressed their inability to attend the meeting due to their preoccupation.

**1. Mr. Prasanna Arunachalam**

GBS Associates Program Leader & HR Leader,  
GBS CIC India Learning & Knowledge.  
Outer Ring Road, MTP, D2, 1st Floor  
Bangalore, KA 560045, India.

**2. Dr. Y.V. Ramana Rao**

Professor,  
Department of ECE,  
CEG Campus, Anna University,  
Chennai – 600 025.

**3. Dr.R.Malayala Murthi**

Principal,  
Government College of Engineering,  
Salem.

**The minutes of the meeting as follows:**

**ITEM No. AC: 6:2023:1.0**

***1.0 Welcome address by the Chairman of the Academic Council.***

- ❖ The Academic Council Chairman Dr. D. Srinivasan, Principal heartily welcomed the members of Academic Council who all joined in online for the meeting and opined that the college would benefit immensely for their visionary advice. He thanked them for sparing their valuable time from their busy schedule to participate and helped the college in taking appropriate decisions.
  
- ❖ Dr. K. Dhayalini, Professor, Department of EEE and Head, Centre for Academic Affairs took up the items listed in the agenda for discussion one by one and presented in the academic council meeting.



**ITEM No. AC: 6:2023:2.0**

***2.0 Confirmation of the minutes of the 5th Academic Council meeting held on 26.11.2022***

- ❖ Dr.K.Dhayalini, Head, Academic Affairs presented and explained the ActionTaken Report of the 5<sup>th</sup> Academic Council meeting minutes for approval.
- ❖ The Chairman, Academic council Dr.D.Srinivasan requested the council to confirm the minutes of the 5<sup>th</sup> academic council meeting held on 26<sup>th</sup> November 2022.
- ❖ The suggestions and recommendations given in the 5<sup>th</sup> Academic Council meeting was incorporated and implemented in the curriculum and regulation.
- ❖ Dr.K.Dhayalini, Professor, Department of EEE and Member Secretary, requested for the confirmation of the minutes of 5<sup>th</sup> meeting of Academic Council.

The committee resolved and confirmed the minutes of 5<sup>th</sup> Academic Council Meeting held on 26th November 2022.

**ITEM No. AC: 6:2023:3.0**

***3.0 To approve the programme for name change from B.Tech – AI & ML to B.E – CSE (Artificial intelligence and Machine Learning)***

As per Anna University request the programme name of B.Tech – Artificial Intelligence and Data Science was changed to B.E – CSE (Artificial Intelligence and Data Science). The representation was presented to the academic council members and was approved by them.

**ITEM No. AC: 6:2023:4.0**

***4.0 To approve the curriculum and syllabus of eight semester B.E/B.Tech program offered by the following branches as recommended by the respective BOS. (Applicable for 2020-21 batches onwards)***

- ***Artificial Intelligence and Data Science***
- ***Computer Science and Engineering***
- ***Computer Science and Business Systems***
- ***Electrical and Electronics Engineering***
- ***Electronics and Communication Engineering***
- ***Information Technology***
- ***Mechanical Engineering***

***4.1 Department of Artificial Intelligence and Data Science***

- ❖ **Dr.B.Kiran Bala**, HoD/ AI&DS briefed about their BoS members and presented the eighth semester theory and practical subjects including professional elective - V.

The council resolved to approve the syllabus of eighth semester theory and practical subjects including professional elective and the suggestions were accepted for implementation.

#### **4.2 Department of CSE**

❖ **Dr.T.M.Nithya**, HoD/ CSE briefed about their BoS members and presented the eighth semester theory and practical subjects including professional electives.

The council resolved to approve the syllabus of eighth semester theory and practical subjects including professional elective – V and VI and the suggestions were accepted for implementation.

#### **4.3 Department of CSBS**

❖ **Dr.T.M.Nithya**, HoD/ CSBS briefed about their BoS members and presented the eighth semester theory and practical subjects including professional elective – V and VI.

The council resolved to approve the syllabus of the eighth semester theory and practical subjects including professional elective – V and VI of Computer Science and Business Systems department and the suggestions were accepted for implementation.

#### **4.4 Department of EEE**

❖ **Mr.G.Gabriel Santhos Kumar**, HoD/ EEE briefed about their BoS members and presented the eighth semester theory and practical subjects including professional elective - V and VI.

The council resolved to approve the syllabus of the eighth semester theory and practical subjects including professional elective – V and VI.

#### **4.5 Department of ECE**

❖ **Mr. T.Muruganandham**, AHoD/ECE briefed about their BoS members and presented the eighth semester theory and practical subjects including professional elective - III.

The council resolved to approve the syllabus of the eighth semester theory and practical subjects including professional elective - III and the suggestions were accepted for implementation.

#### **4.6 Department of IT**

❖ **Dr.S.Manikandan**, HoD/ IT briefed about their BoS members and presented the eighth semester theory and practical subjects including professional elective – V & VI and open electives offered to other departments.

The council resolved to approve the syllabus of the seventh semester theory and practical subjects including professional elective – V & VI.

#### **4.7 Department of Mechanical Engineering**

❖ **Dr. H. Ramakrishnan**, HoD/Mechanical briefed about their BoS members and presented the eighth semester theory and practical subjects including professional elective – IV and V.

The council resolved to approve the syllabus of the eighth semester theory and professional elective – IV and V.



On the whole for all programmes the council members recommended and suggested to include/exclude few subjects in professional electives. The suggestions were taken into consideration and were incorporated in the curriculum.

**ITEM No. AC: 6:2023:5.0**

***5.0 To approve the curriculum and syllabus of the seventh and eight semesters of Artificial Intelligence and Machine Learning department. (Applicable for 2021-22 batches onwards)***

❖ **Dr.B.Kiran Bala**, HoD/ AI&ML briefed about their BoS members and presented the Seventh and eighth semester subjects including professional elective IV and V

The council resolved to approve the syllabus of seventh and eighth semester's theory subjects including professional elective – IV and V and suggested to transfer few subjects in professional electives to be transferred to open elective and include few subjects in professional elective. The suggestions were taken into consideration and were incorporated in the curriculum.

**ITEM No. AC: 6:2023:6.0**

***6.0 To approve the syllabus of management papers offered in seventh and eighth semesters of the following branches as recommended by the BOS of department of MBA.***

- ***Artificial Intelligence and Data Science***
- ***Computer Science and Business Systems***
- ***Information Technology***

❖ **Dr.A. Premavasumathi**, HoD/ MBA briefed about their BoS members and presented the seventh and eighth semester management papers offered to the departments of AI&DS, CSBS and IT.

The council resolved to approve the syllabus of the seventh and eighth semester management papers offered to the departments of AI&DS, CSBS and IT department.

**ITEM No. AC: 6:2023:7.0**

***7.0 To consider and approve open electives offered in seventh and eight semesters of the following programmes. (Applicable for 2020-21 and 2021-22 batches onwards)***

- ***Artificial Intelligence and Data Science***
- ***Artificial Intelligence and Machine Learning***
- ***Computer Science and Engineering***
- ***Electronics and Communication Engineering***
- ***Information Technology***

Dr.K.Dhayalini, Head, Academic Affairs presented the open electives offered in the departments of AI &DS, AI & ML, CSE, ECE and IT.

The council members suggested that Professional Ethics subject to be included in core rather than in open elective. Also suggested to rearrange the open electives in separated basket and should be common for the institution and should not be programme specific. The suggestions were taken into considerations and implemented in the respective department curriculum.

**ITEM No. AC: 6:2023:8.0**

***8.0 To approve the syllabus of the courses offered as verticals to take up B.E./B.Tech honors in the following programmes***

- ***Computer Based programmes (AI &DS, AI&ML, CSE, CSBS & IT)***
- ***Electrical and Electronics Engineering***
- ***Electronics and Communication Engineering***
- ***Mechanical Engineering***

Dr. K.Dhayalini, Head, Academic Affairs, presented in detail the syllabus of the courses offered as verticals to take up the B.E./B.Tech honors in the department of AI &DS, AI&ML, CSE, CSBS, IT, EEE, ECE and Mechanical Engineering.

The expert members approved the syllabus of the vertical subjects of the programmes and suggested that trained faculty members or resource persons should handle the verticals offered in respective programme. Also they suggested relisting the subjects identified as verticals in Mechanical department with the specialization of Robotics and Automation.

The suggestions were incorporated and the subjects for the specialization Robotics and Automation was reframed and the syllabus of the subjects were presented to BoS members and got approval.

**ITEM No. AC: 6:2023:9.0**

***9.0 To approve the syllabus of the courses offered as minors to take up B.E./B.Tech Minor.***

- a. Computer Based programmes (AI &DS, AI&ML, CSE, CSBS & IT)***
- b. Electrical and Electronics Engineering***
- c. Electronics and Communication Engineering***
- d. Mechanical Engineering***

Dr. K.Dhayalini, Head, Academic Affairs, presented in detail the syllabus of the courses offered as minors in the department of AI &DS, AI&ML, CSE, CSBS, IT, EEE, ECE and Mechanical Engineering.

The expert members approved the syllabus of the minor subjects offered in respective programmes and suggested that minor subjects should be grouped under specialization. The suggestions given by the expert members are taken into consideration and implemented.



**ITEM No. AC: 6:2023:10.0**

***10.0 To approve the Mandatory Tamil courses to be taken up by all programmes of B.E./B.Tech in second and third semester of 2022-2023 Batch.***

- ***UGE1152 - Heritage of Tamils***
- ***UGE1254 - Tamils and Technology***

Dr. K.Dhayalini, Head, Academic Affairs, presented in detail the syllabus of the mandatory Tamil courses to be taken up by all the programme of B.E./B.Tech., in second and third semesters of 2022 – 2023 batches.

The expert members provided approved for taking up the Tamil courses in the respective semesters.

**ITEM No. AC: 6:2023:11.0**

***11.0 To consider and approve the Examinations for UG and PG program during APR/MAY 2023***

The end semester examination conducted in April/May 2023 for the UG and PG programmes were presented and were approved by the expert members of the Academic Council.

**ITEM No. AC: 6:2023:12.0**

***12.0 Forum would be open for further discussion and advice.***

After discussions, the council provided suggestions for identifying the professional electives of the programmes. Also suggested open electives of all the programmes to be identified in such a manner that it can taken up by students of any discipline. It should be institution centric and should not be programme specific. The suggestions were accepted for implementation.

Finally, Dr.D. Srinivasan, Academic council Chairman and principal thanked all the academic council members for their valuable suggestions to improve the academic quality of the institution and the meeting ended up in a fruitful manner.

**MEMBER SECRETARY**

**ACADEMIC COUNCIL CHAIRMAN**



**K. RAMAKRISHNAN COLLEGE OF ENGINEERING**  
(Autonomous)

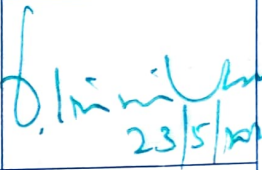
Permanently Affiliated to Anna University, Chennai, Approved by AICTE, New Delhi,  
ISO 9001-2015, 14001:2015 Certified Institution, Accredited by NAAC with A Grade,  
Accredited by NBA and MHRD NIRF ranked Institution,  
Samayapuram, Tiruchirappalli – 621 112, Tamilnadu, India.



**6<sup>th</sup> ACADEMIC COUNCIL MEETING**

**ATTENDANCE SHEET**

The following members attended 6<sup>th</sup> Academic Council meeting held on 23<sup>rd</sup> May 2023 at Teaching Learning Centre, K. Ramakrishnan College of Engineering (Autonomous), Tiruchirappalli.


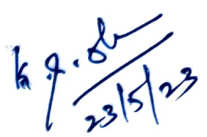
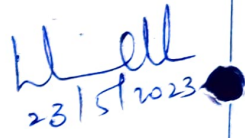

S. NO.	NAME & DESIGNATION	CATEGORY/ POSITION	SIGNATURE
1.	<b>Dr. D. Srinivasan</b> Principal, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Chairman - Principal	 23/5/23
2.	<b>Dr. S. Vengadesan</b> Professor, Department of Applied Mechanics, Indian Institute of Technology Madras, Chennai – 600 036.	Member Academician – Nominated by Governing Body	ONLINE
3.	<b>Dr. S. Pugazhenth</b> Professor & Dean, School of Mechanical Engineering, SASTRA University, Thanjavur.	Member Academician – Nominated by Governing Body	ONLINE
4.	<b>Dr. AnbalaganThangavel</b> ES-Active Safety (RBEI/ESC1) Robert Bosch Engineering and Business Solutions Private Limited, Keeranatham Village, Coimbatore, Tamil Nadu – 641035, INDIA.	Member Industry Expert - Nominated by Governing Body	ONLINE
5.	<b>Mr. Prasanna Arunachalam</b> GBS Associates Program Leader & HR Leader, GBS CIC India Learning & Knowledge. Outer Ring Road, MTP, D2, 1st Floor Bangalore, KA 560045, India.	Member Industry Expert - Nominated by Governing Body	-



6.	<b>Dr. Y.V. Ramana Rao</b> Professor, Department of ECE, CEG Campus, Anna University, Chennai – 600 025.	Member – University Nominee	—
7.	<b>Prof. A. Peer Mohamed</b> Vice Chancellor, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chengalpattu, Tamil Nadu	Member – University Nominee	ONLINE
8.	<b>Dr. R. Malayala Murthi</b> Principal, Government College of Engineering, Salem.	Member – University Nominee	—
9.	<b>Dr. R. Kamaraj</b> Controller of Examinations, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member - CoE	R. Kamaraj
10.	<b>Dr. M. Maheswari</b> Professor, Department of ECE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/ECE	Dr. M. Maheswari 23/5/23
11.	<b>Mr. G. Gabriel Santhosh Kumar</b> Assistant Professor, Department of EEE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/EEE	G. Gabriel Santhosh Kumar
12.	<b>Dr. T. M. Nithya</b> Associate Professor, Department of CSE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/CSE	T. M. Nithya 23/5/23
13.	<b>Dr. S. Manikandan</b> Professor, Department of Information Technology, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/IT	S. Manikandan 23/5/23

14.	<b>Dr. H. Ramakrishnan,</b> Assistant Professor, Department of Mechanical Engineering, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/MECH	H.T. Zee
15.	<b>Dr. B. Kiran Bala</b> Assistant Professor, Department of AI&DS, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/AI&DS	for [Signature]
16.	<b>Dr. S. Titus</b> Professor, Department of EEE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/ I year	[Signature]
17.	<b>Mr. M. Karunakaran</b> Assistant Professor, Department of English, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/English	[Signature]
18.	<b>Dr. M. Venkatachalapathy</b> Professor, Department of Mathematics, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/Maths	M. Venkatachalapathy
19.	<b>Dr. S. Sivanantham</b> Assistant Professor, Department of Physics, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/Physics	[Signature]
20.	<b>Mrs. M. Thamaraiselvi</b> Assistant Professor, Department of Chemistry, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member – HoD/Chemistry	M. Thamaraiselvi
21.	<b>Dr. A. Premavasumathi</b> Assistant Professor, Department of MBA, K. Ramakrishnan College of Engineering, Samayapuram, Trichy – 621 112	Member – HoD/MBA	A. Premavasumathi



22.	<b>Dr. K. Lenin</b> Professor & Head - Students Affairs, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member - Faculty	
23.	<b>Dr. K. Priyadharshini</b> Professor & IQAC Coordinator K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member - Faculty	
24.	<b>Mrs. L. Amudha</b> Assistant Professor, Department of CSE, K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member - Faculty	
25.	<b>Dr. K. Dhayalini</b> Professor & Head – Academic Affairs K. Ramakrishnan College of Engineering, Samayapuram, Trichy-621 112	Member Secretary - Principal Nominee	

  
MEMBER SECRETARY

  
CHAIRMAN - ACADEMIC COUNCIL  
PRINCIPAL  
K Ramakrishnan College of Engineering  
(Autonomous)  
Samayapuram, Tiruchirappalli - 621 112

# PHOTOGRAPHS

