



# R.M.K. ENGINEERING COLLEGE

(An Autonomous Institution)

R.S.M NAGAR, KAVARAIPETTAI – 601 206



## INTERNAL QUALITY ASSURANCE CELL (IQAC)

### LIST OF MEMBERS AND ATTENDANCE

25<sup>th</sup> Meeting 31-03-2023 at 10.30 a.m.

S.No.	Name	Designation	Composition criteria specified by NAAC	Signature
1	Thiru. R.S. Munirathinam	Founder - Chairman	Management Member (Founder - Chairman)	
2	Thiru. R.M. Kishore	Vice-Chairman	Management Member (Vice-Chairman)	
3	Dr. M.S.Palanichamy	Former Vice Chancellor Tamilnadu Open University	Member	
4	Dr. K.A. Mohamed Junaid	Principal	Chairperson	 Junaid 31/03/23
5	Dr. S.Vijayalakshmi	Professor/ECE	Coordinator	
6	Dr. Elwin Chandra Monie	Dean - Research	Senior Faculty	
7	Dr. K.K.Sivagnana Prabhu	Dean – Career Development Centre	Senior Faculty	
8	Dr. S. Pavai Madheswari	Academic Coordinator and HoD – S&H	Senior Faculty	 Pavai Madheswari 31/03/2023
9	Dr. Binu Sukumar	HoD – Civil	Senior Faculty	 Binu Sukumar 31/3/23
10	Dr. T. Sethukarasi	HoD – CSE	Senior Faculty	 Sethukarasi 31/3/23
11	Dr.Geetha Ramadas	HoD –EEE	Senior Faculty	
12	Dr. T. Suresh	HoD – ECE	Senior Faculty	
13	Dr. T. Gnanasekaran	HoD - EIE	Senior Faculty	

14	Dr.K.R.Senthil Kumar	HoD – Mechanical	Senior Faculty	
15	Dr. M. Sheerin Banu	HoD – IT	Senior Faculty	
16	Dr. Sandra Jhonson,	HoD – ADS	Senior Faculty	
17	Dr. Chidambarathanu K	HoD – CSBS	Senior Faculty	
18	Dr.Thanga Ramya S	HoD-CSD	Senior Faculty	
19	Dr. V.Srinivasan	Professor/S&H & Controller of Examinations	Senior Faculty	
20	Dr. A. Kadirvel	Professor/MECH & Transport Incharge	Senior Faculty	
21	Dr.P.Kavitha	Associate Professor/EEE	Faculty	
22	Dr. Murali Krishna T	Professor/ Civil	Faculty	
23	Mr. K. Naresh Kumar	Assistant Professor / EEE	Faculty	
24	Dr. S.D. Uma Mageswari	Member, Rotary Club of Gummidipoondi Industrial City	Local society	
25	Mr. K. Vijayanand	Assoc. Professor /EIE Alumni Representative	Alumni Nominee	
26	Mr. B. Kumar	Manager	Senior Administrative Manager	
27	Mr.D.Ilango	Administrative Officer	Senior Administrative officer	
28	Dr. M. Seenivasan	Chief Librarian	Library Incharge	
29	Dr. Vakada Krishnarjuna Rao	Assistant Director	Physical Education	
30	Ms. Nivedhitha D P 111720201031	III Year / ADS / RMKEC	Student Nominee	



# R.M.K. ENGINEERING COLLEGE

(An Autonomous Institution)

R.S.M. Nagar, Kavaraipettai - 601206



## MINUTES OF THE 25<sup>th</sup> IQAC MEETING HELD AT 10:30 AM ON 31.03.2023 Venue: AICTE RMKEC IDEA LAB

### Preamble:

1	Thiru. R.S. Munirathinam	Founder - Chairman
2	Thiru. R.M. Kishore	Vice-Chairman
3	Dr. M.S.Palanichamy	Advisor & Educationist representing local society
4	Dr. K.A.Mohamed Junaid	Principal and IQAC Chairperson
5	Dr.Elwin Chandra Moni	Dean Research
6	Dr. K. K. SivagnanaPrabhu	Dean, Career Development Centre
7	Dr.S.PavaiMadheswari	Academic Coordinator & HoD- S&H
8	Dr.BinuSukumar	HoD - CE
9	Dr.T.Sethukarasi	HoD - CSE
10	Dr.GeethaRamadas	HoD -EEE
11	Dr.T.Suresh	HoD- ECE
12	Dr. T. Gnanasekaran	HoD-EIE
13	Dr.K.R.Senthil Kumar	HoD-MECH
14	Dr.M.SheerinBanu	HoD- IT
15	Dr.Sandra Johnson	HoD - ADS
16	Dr.K.ChidambaraThanu	HoD- CSBS
17	Dr.S.ThangaRamya	HoD- CSD
18	Mr. B. Kumar	Manager, RMKEC
19	Mr.Elango	Administrative officer
20	Dr.V.Srinivasan	Professor/S&H & CoE
21	Dr. A. Kadirvel	Professor/MECH, Transport-in-charge
22	Dr. M. Seenivasan	Chief Librarian
23	Dr.S.D.UmaMageswari	Professor / S&H and Higher Education Coordinator
24	Dr. VakadaKrishnarjuna Rao	Assistant Director
25	Dr.N.M.Jothi Swaroopan	Professor/EEE
26	Dr.B.Jaison	Professor/CSE
27	Dr. S. Vijayalakshmi	Professor/ ECE, IQAC Coordinator
28	Dr. Murali Krishna T	Professor / Civil
29	Dr. P.Kavitha	Assoc. Professor / EEE
30	Mr. K. Vijayanand	Assoc. Professor /EIE
31	Mr.K.Naresh Kumar	Asst.Professor/EEE
32	Ms. Nivedhitha D P	III Year / ADS / RMKEC - Student

IQAC meeting was presided over by our respected Chairman sir. Vice Chairman sir welcomed all the members for the 25<sup>th</sup> IQAC meeting. Principal welcomed all the internal and external members for the 25<sup>th</sup> IQAC meeting in Physical mode. Principal presented the agenda of the meeting to all the members.

### 1. REVIEW OF PREVIOUS MEETING

Principal reviewed the following points discussed in 24<sup>th</sup> IQAC meeting conducted on 24<sup>th</sup> December 2022 in the presence of all the IQAC members

- ✓ Salient features of 2022 Regulation

- ✓ First and Second Semester curriculum for students admitted from 2022-23 onwards
- ✓ NPTEL July-December 2022 Results
- ✓ Usage of ICT Resources
- ✓ Performance of students in Continuous Assessment
- ✓ Research Progress
- ✓ Placement – 2022 and 2023 Batch
- ✓ Higher studies, Entrepreneur, IIC, Club - Activities
- ✓ AQAR Preparation and submission
- ✓ Activities of Idea lab

## 2. ACTION TAKEN REPORT ON PREVIOUS MEETING

- The Minor and Honours degree for the students admitted in the academic year 2021-22 is finalized and implemented with the approval from respective Board of studies.
- Value-added courses have been offered by all the departments through centre of excellence for imparting transferable and life skills during Even Semester 2022-23.
- The new course(Product development lab) introduced in Curriculum 2022 for all the departments in first semester is conducted successfully for the students admitted in the academic year 2022-23. First Institution to introduce product development lab in curriculum. HoD/EEE, MECH, ECE and EIE are informed to finalise the procedure of activities to be carried out in second semester.
- Faculty members and students registered for the July- December 2022 NPTEL examination. Congratulated the sincere efforts taken by the NPTEL coordinators.
- TOEFL- Essentials training Program was conducted for all the third year students in two phases for total ten days during this even semester 2022-23.
- Informed about the Research and Development activities taking place bimonthly to review the statistics of various R&D activities of the departments and with scholar presentation.
- Congratulated Mechanical department for their approval of research centre from Anna University. Also informed that Civil Engineering has successfully completed the inspection for their research centre approval today in online mode. CSD, ADS, CSBS and IT have applied for their research centre and status awaited
- Informed that many of the faculty are getting their supervisor recognition from Anna University and within 2 years hope all the faculty will be getting their supervisor ship from Anna University.
- 32<sup>nd</sup> Alumni Meet conducted in Kay Em hotel where 700 alumni took part and enjoyed their day. Principal gave an appeal to all the HoDs to improve the count in the forthcoming meetings.
- Online Guest Lecture in Technical and Non-Technical topics were organized by CSE department. This is meant not only for students and faculty, it is for general public also.
- As a new initiative these Guest lectures can be recorded with the permission of resource person and can be uploaded in our college YouTube channel

- As a new initiative these Guest lectures can be recorded with the permission of resource person and can be uploaded in our college YouTube channel
- Achievements made by students and faculty can be taken as a video and uploaded in the college YouTube channel as another new initiative which may attract the interest of the public towards our college.
- Preparation of AQAR for the academic year 2021-22 is completed and document verification is in progress.

### 3. CURRICULAR ASPECTS

#### a. Minor and Honours degree for the second year students (2021-25 Batch)

- Principal presented the Minor and Honours degree for the second year students (2021-25 Batch) recommended by respective Board Chairman and to be submitted to BoS members for approval is given below

Branch	Honours Degree	Minor degree offered by the Department
CE	Honours degree will be awarded to the eligible student, who has acquired additional 18 credits from any Professional Elective Courses	Environment and Sustainability
CSE	CSE	Cyber Security
EEE	EV Technology	EV Technology
ECE	IoT, VLSI, High speed Communication	IoT
EIE	Industrial IoT	
ME	Product Life cycle Management	Robotic Applications
IT	Full Stack Engineering	Full Stack Engineering
ADS	Advanced Analytics	Artificial Intelligence and Data Science
CSBS	Business Analytics	Advanced Web Development
CSD	CSD	Virtual and Augmented Reality

#### b. Students/ faculty members - NPTEL exam registration -EVEN Semester2022-23

- Principal stated about the faculty members and students registered for NPTEL March/April 2023 Examinations and consolidated below
  - ✓ Students -1568
  - ✓ Faculty members - 126

### 4. TEACHING LEARNING AND EVALUATION

#### a. Result analysis of ODD semester of the academic year 2022-23

Academic Coordinator presented the department wise results and the overall result analysis of the end semester examinations (ODD Semester 2022-23) as follows

Branch	3 <sup>rd</sup> semester			5 <sup>th</sup> semester			7 <sup>th</sup> semester			OVERALL		
	No. of Students	No. of Students Passed	% of Pass	No. of Students	No. of Students Passed	% of Pass	No. of Students	No. of Students Passed	% of Pass	No. of Students	No. of Students Passed	% of Pass
CE	25	18	72	36	26	72.22	43	37	86.05	104	81	77.88
CSE	191	153	80.1	193	178	92.23	181	179	98.9	565	510	90.27
EEE	66	34	51.52	61	42	68.85	117	108	92.31	244	184	75.41
ECE	191	149	78.01	193	180	93.26	175	160	91.43	559	489	87.48
EIE	26	26	100	30	29	96.67	41	41	100	97	96	98.97
ME	51	29	56.86	64	44	68.75	105	93	88.57	220	166	75.45
IT	61	50	81.97	61	53	86.89	58	58	100	180	161	89.44
ADS	62	51	82.26	61	59	96.72	NA	NA	NA	123	110	89.43
CSBS	62	62	100	60	59	98.33	NA	NA	NA	122	121	99.18
CSD	56	52	92.86	NA	NA	NA	NA	NA	NA	56	52	92.86
<b>Total</b>	<b>791</b>	<b>624</b>	<b>78.89</b>	<b>759</b>	<b>670</b>	<b>88.27</b>	<b>720</b>	<b>676</b>	<b>93.89</b>	<b>2270</b>	<b>1970</b>	<b>86.78</b>

**b. Academic goals of the institution for Academic Year 2022-23 (Even semester)**

- Academic goals in terms of target pass percentage for all the departments were presented. The overall target percentage for college is fixed as 92.43%

**c. Performance of students in First Internal Assessment 2022-23 (Even semester)**

Academic Coordinator presented the department wise results and the overall result analysis of the first internal assessment (EVEN Semester 2022-23) as follows

Branch	4 <sup>th</sup> semester			6 <sup>th</sup> semester			OVERALL		
	No. of Students	No. of Students Passed	% of Pass	No. of Students	No. of Students Passed	% of Pass	No. of Students	No. of Students Passed	% of Pass
CE	25	8	32	36	12	33.33	61	20	32.79
CSE	191	102	53.4	193	117	60.62	384	219	57.03
EEE	66	33	50	61	28	45.9	127	61	48.03
ECE	191	100	52.36	193	95	49.22	384	195	50.78
EIE	26	19	73.08	30	20	66.67	56	39	69.64
ME	51	21	41.18	64	27	42.19	115	48	41.74
IT	61	31	50.82	58	48	82.76	119	79	66.39
ADS	62	26	41.94	61	24	39.34	123	50	40.65
CSBS	62	29	46.77	60	36	60	122	65	53.28
CSD	56	37	66.07	NA	NA	NA	56	37	66.07
<b>Total</b>	<b>791</b>	<b>406</b>	<b>51.33</b>	<b>756</b>	<b>407</b>	<b>53.84</b>	<b>1547</b>	<b>813</b>	<b>52.55</b>

**d. Internal academic audit**

Internal academic audit to verify all the academic related documents for the academic year 2021-22 has been completed.

**5. RESEARCH INNOVATION AND EXTENSION**

Dr. Elwin Chandra Monie, Research Dean, updated on the following Research and Development activities.

**a. Journal Publications**

- Consolidation of journals communicated, accepted and published in SCI, WoS and Scopus indexed journals is given below

Month	Communicated	Accepted	Published
December	32	25	25
January	64	65	20
February	76	26	42
Total	172	116	87

**b. Patents Applied/Published/Granted**

- Number of Patents Applied/Published/Granted is as follows

Month	Filed	Published	Granted
December	10	11	0
January	3	10	0
February	3	3	2
Total	16	24	2

- Principal appreciated EEE and MECH for the grant of patents.

**c. Research Projects submitted of all the departments.**

- 40 Research proposals were submitted by faculty members worth Rs. 518.60 lakhs to various funding agencies from December 2022 to February 2023.

**d. Consultancy Projects completed by all the departments.**

- 35 consultancy projects worth Rs. 13.035 lakhs were completed from December 2022 to February 2023.

**e. Ph.D Pursing/ Completed by the faculty of all the departments.**

- 74 faculty members are pursuing the Ph.D. Dr. J Bharat Singh-EIE completed his doctoral degree in the month of December 2022.

**6. STUDENT SUPPORT AND PROGRESSION**

**(i) Placement**

Dean career development presented the placement activities

- ✓ Placement Training Programs planned and completion status for fourth, Sixth and Eighth semester students during the Even semester 2022-23.
- ✓ 84% of 2019-23 Batch students placed in on campus placement.
- ✓ 256 students placed in higher salary package in 2023 Batch.

New Initiatives

- ✓ German Language Roadshow conducted for 2<sup>nd</sup> year Students.
- ✓ Based on Industry suggestion, Java / DBMS for 2<sup>nd</sup> semester students.
- ✓ Knowledge Partner for ECE Department: IoT by TCS and CSE Department: FullStack Technology by NTT Data is approved and executed.

**(ii) Higher Education cell**

Dr. S. D. Uma Maheswari Prof./S&H, elaborated about the following activities in Even semester 2022-23 :

- ✓ Presented the number of activities conducted by higher education cell in Even semester 2022-2023.
- ✓ Informed that two MoUs got signed.
- ✓ MoU renewals completed
- ✓ As a new initiative, Country specific coordinators are identified to improve the collaborative activities.

**(iii) E-Cell**

Dr. N.M. Jothi Swaroopan Prof./EIE presented the activities conducted in Ecell during January 2023 – March 2023

- ✓ Presented the Entrepreneur activities conducted for the benefit of students.
- ✓ Informed 3 teams shortlisted for the last level in the competition conducted by CED (AU) and the students have attended the Boot camp.
- ✓ Four teams got short listed in Sustainable Hackathon organized by Entrepreneurship Development Institute of India, Ahmedabad.
- ✓ To inculcate the interests among the students 1 lakh is given as seed money for their startup.
- ✓ Informed 11 startups have GST registration.

**(iv) IIC- Activities**

Dr. B. Jaison Prof./CSE about the various activities and achievements of IIC

- ✓ Proudly announced consequent four star rating from 2019 upto 2022
- ✓ Various activities conducted on IIC driven, MIC driven, Day event, self driven activities
- ✓ Mentoring 3 schools under ATL Schools Linkage
- Principal advised to start the activities of mentoring the schools.

**(v) Games & Sports**

Mr. V.Krishnarajuna Rao – Physical Director proudly shared the following achievement

- ✓ C.R.A.Darshan from EEE-II Year , Represented Anna University in Soft Tennis team and secured III Place in All India University on 17th January 2023.
- ✓ Shandru.G from IV year ECE selected in Roll Ball and Roller Hockey , In Anna University Interzonal selection trails conducted at Jawaharlal Nehru Indoor stadium and participated in All India University on Feb 6th , 2023.
- ✓ G V KEERTHANA of CSBS III year represented Anna University South Zone Volleyball team on 26th Nov , 2022.



- ✓ Abinaya, First Year tagged as champion in Interzonal BOXING which was held in Paavai Engineering College , Namakkal on dec 7th , 2022.
- ✓ Dinesh from III year CSE and Avinash from IV year CSE secured 3rd place in Anna University Interzonal Powerlifting Competition which was held in Paavai Engineering College on 28th Jan,2023.
- ✓ Overall Championship II place in Interzone Weightlifting competition which was held in Paavai Engineering College, Namakkal on 7th Jan , 2023.
- ✓ Girls Volleyball team achieved winners tag in ZONALS which was held in AMS engineering college, Avadi on 19th Nov,2022.
- ✓ Girls achieved Runners tag in badminton which was held in Velammal Engineering College, Chennai on Nov 10th,2022.
- ✓ Boy champions achieved 3rd place in Ball Badminton which was held in SA Engineering college, Avadi on Dec 31st, 2022.
- ✓ Boys team secured II place in TENNIS zonal competition which was held in
- ✓ S A Engineering College, Avadi on Nov 14th ,2022.
- ✓ Team secured overall championship II place in IIT on 25th September, 2022.
  - M.Saketh Choudary IV CSE- Gold medal
  - K.Sricharan III CSE- Gold medal
  - M.Kiran III Year ECE- Silver medal
  - T.CHAITANYA IV CSE - Bronze medal
  - A.Nagasai II Year CSE- Bronze medal
- ✓ Presented the Intramurals 2023 report
- Principal suggested to provide the proof for all the events and also said that to submit a proposal for weight lifting champions to get approval from management.
- Principal appreciated that girls participation is getting improved.

## 7. Alumni Activities

Mr. K. Vijayanand ASP/EIE , presented the alumni activities

- ✓ 32<sup>nd</sup> Alumni Meet was Conducted on 8.1.2023 on the graduation day . Around 800 Alumni of 2017-21 batch were Inducted to R.M.K Alumni Association. Office Barrers of 2017-21 batch were Nominated .
- ✓ 33<sup>rd</sup> Alumni meet was conducted on 12.2.2023 at Hotel Key Em Spectra in Chennai.700 Alumni attended the Alumni meet. Our Honourable Chairman Presided the function.
- ✓ The 12<sup>th</sup> Edition of RMKECAA Newsletter SUNERGIA 2023, was released by our Honorable Chairman.
- ✓ Distinguished Alumni award were distributed to the Alumni who made our college proud by their remarkable achievements.

- ✓ Awards were distributed to the Alumni who have contributed to the college by giving Guest lectures, Conducting Mock interviews and Training our students
- ✓ As a new initiative, alumni cells at Bangalore, Hyderabad and Pune etc

## **8. BEST PRACTICES AND PROPOSED NEW INITIATIVES 2022-23**

### **a. Idea Lab status and plan; Need for collaboration and inputs from industry**

- Principal conveyed that various activities were conducted to polytechnic students as well as to teachers. 11 days Boot camp for selected students from school was conducted.
- Principal conveyed that RMK school student's present innovative idea and the facilities will be given in Idea Lab for implementation
- Principal appealed to all the members to motivate the students to and guide them to do mini project by using the facilities of Idea Lab.

### **b. EoMS- 21001-2018**

- Applied copy right for all the academic formats and received the copyright number.
- Internal audit is scheduled during April 2023. External audit will be in online mode and dates are yet to get finalized. Seeking the cooperation to use these formats and map them with all other activities like NAAC, NBA.
- Motivate the faculty to attend industry internship.

### **c. Certificate courses for faculty**

- Faculty members are motivated to do 3/6 months courses in latest technology. Certification must be globally recognized.

### **d. Project sponsor for students**

- Management is ready to provide sponsorship for the projects which is done for the college and department.

## **9. RANKING AND ACHIEVEMENTS**

- Dr. Sandra Johnson, HoD - ADS. & Dr. Murali Krishna T, Assoc. Prof. / Civil. Updated on the AQAR report preparation status and its submission.

## **10. PRESENTATION BY OTHER MEMBERS**

- Ms. Niveditha D P student member has requested that project implementation for the college or department can be supported. Her concern was taken care already and she thanked principal for informing the same about the project sponsorship.

## **KEY DISCUSSION POINTS AND CONCLUDING REMARKS**

The key discussion points and action items are as given below.

No.	Discussion point	Responsible person	Target Date of completion or status review
1	Minor and Honours Degree for students admitted in the academic year 2021-22	HoDs	January 2023

2	Improvement in Research categories	All faculty members	Continuous
3	Guest Lecture series (Online) – YouTube live streaming – 2 Programs/Month	HoDs	Continuous
4	AQAR (2021 - 22) Report preparation status	Dr. Sandra Jhonson, Dr. Murali Krishna T & Respective coordinators	May 2023

- Dr. S.Vijayalakshmi, proposed a vote of thanks , thanking all the members of IQAC for their valuable suggestions given for the further improvement of the quality standards of institution and for their future involvements.
- Principal thanked all the members of the IQAC for their participation and active involvement in the discussions.



Station : Kavaraipettai

Date :

*Junaid*  
31/03/23

Copy to

- 1) Dean Research
- 2) All the HoDs
- 3) IQAC Members



PRINCIPAL/IQAC CONVENER

Dr. K.A. MOHAMED JUNAID, M.E., Ph.D.,  
PRINCIPAL  
R.M.K. ENGINEERING COLLEGE  
R.S.M. NAGAR, KAVARAIPETTAI-601 206  
GUMMIDIPOONDI TALUK, TIRUVALLUR DIST.

CC: Chairman / Director / Vice-Chairman / Advisor - for favour of kind information