



R.M.K. ENGINEERING COLLEGE

(An Autonomous Institution)

R.S.M. Nagar Kavaraipettai - 601206



MINUTES OF THE 23rd IQAC MEETING HELD AT 10:30 AM ON 17-09-2022 Venue: RJ Block Seminar Hall-II

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.MohamedJunaid	Principal and IQAC Convener
5	Dr. K. Chandrasekaran	Dean - Academics
6	Dr.Elwin Chandra Moni	Dean Research
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	Dr. K. K. SivagnanaPrabhu	Head, Training and Corporate Affairs
19	Mr. B. Kumar	Manager, RMKEC
20	Mr.Elango	Administrative officer
21	Dr.V.Srinivasan	Prof-S&H & CoE
22	Dr. A. Kadirvel	Prof/MECH, Transport-in-charge
23	Dr. M. Seenivasan	Chief Librarian
24	Dr.S.D.UmaMageswari	Professor / S&H and Higher Education Coordinator
25	Mr. Jehan Charle	Brand Manager, Kellogg's Tolaram Nigeria Limited.
26	Dr. VakadaKrishnarjuna Rao	Assistant Director
27	Dr. S. Vijayalakshmi	Professor/ ECE, IQAC Coordinator
28	Dr. Murali Krishna T	Professor / Civil
29	Dr. P.Kavitha	Assoc. Prof. / EEE
30	Mr. K. Vijayanand	Assoc. Professor /EIE
31	Dr. N.M. JothiSwaroopan	Professor/ EEE
32	Dr. B. Jaison	Professor/CSE

IQAC meeting was presided over by our respected Chairman sir. Vice Chairman sir welcomed all the members for the 23rd IQAC meeting. Advisor appreciated the activities carried out in ODD semester 2021-22 and encouraged to continue the same. Principal welcomed all the internal and external members for the 23rd IQAC meeting. Principal presented the agenda of the meeting to all the members.

1. REVIEW OF PREVIOUS MEETING

- Principal reviewed the following points discussed in 22nd IQAC meeting conducted on 23rd June 2022 in the college campus in the presence of all the IQAC members
 - ✓ End semester Examination – EVEN 2021-2022
 - ✓ Briefed about the NPTEL exam registration, certification and laurels to SPoC
 - ✓ Mandatory elective courses - EEC Category
 - ✓ 3 Years NBA extensions for CSE ECE EIE and IT departments.
 - ✓ IDEA lab establishment.
 - ✓ Procurement of major equipment for Idea lab namely 3D printer and 3D scanner
 - ✓ Three lab technicians were appointed and domain focused training can be given to a batch of 20 to 30 students
 - ✓ Framing of 2022 Regulations
 - ✓ Collaboration with Binghamton University
 - ✓ Internal Hackathon
 - ✓ Management Sponsored Projects
 - ✓ Proposals to NAAC for conducting seminars

2. ACTION TAKEN REPORT ON PREVIOUS MEETING

- Principal presented the action taken report on previous meeting as follows
 - ✓ End semester Examination (EVEN 2021-2022) scheduled from 20.06.2022 and completed successfully as per the schedule and results were published.
 - ✓ 836 students and 81 faculty members received certificates in April 2022 NPTEL Examination. Proudly announced about Top 100 Local Chapter certificate and NPTEL SPOC Appreciation Certificate received by Dr.P.Latha
 - ✓ Professional readiness for innovation, employability and entrepreneurship” Mandatory elective course – included in curriculum for CSE, ECE and IT 2023 Batch students
 - ✓ NBA accreditation for further 3 years for 4 Departments (CSE, ECE, IT & EIE) have been updated (Academic Year 2022-23, 2023-24 and 2024-25, i.e., upto 30/06/2025) in the NBA portal based on compliance visit.
 - ✓ Major equipments for Idea lab are procured and training programs for school and college students organized.
 - ✓ 2022 curriculum structure is finalized.
 - ✓ International conclave and students workshop planned with resource person from Binghamton University

- ✓ Approval received to conduct NAAC seminar on 28th and 29th October 2022
- ✓ Cash incentives for quality publication in order to motivate the faculty to involve in R&D activities.
- ✓ Presented the rankings given by the various magazines.
- ✓ Electronics and Instrumentation Engineering department has completed solar powered e-bike project which is sponsored by Management. Civil Engineering department developed a model for the bridge which is in front of our college with sponsorship from Management.
- ✓ Planned to sign a MoU with Taylor University, Malaysia and NITTR Chennai.
- ✓ 11 Teams shortlisted in Internal Hackathon conducted by college participated in Smart India Hackathon 2022 in which 2 teams from Information Technology and 1 team from Electronics and Instrumentation Engineering won first prize in Smart India Hackathon 2022 and one team from Electronics and communication Engineering received appreciation award.
- ✓ Proudly presented about the awards received by our beloved Chairman Sir
 - Lifetime Achievement Award from Honorable Chief Minister of Tamil Nadu on 23.04.2022
 - Thailand-Tamilnadu Friendship Award of Excellence 2022 from the Consulate of Thailand.
- ✓ Conveyed about 2nd position in ARIIA Ranking and 154th position in NIRF ranking.
- ✓ Presented the achievements of students and faculty members in the academic year 2021-22.

3. CURRICULAR ASPECTS

- Principal discussed about the structure of Curriculum 2022 for the students admitted in the Academic year 2022-23. Suggested to frame the syllabus and curriculum 2022 based on the discussions with Centre of excellence SPoC, Placement coordinators, industry partners and other domain experts.
- Principal presented the knowledge partners of all the U.G programs and benefits of it.
- Principal summarized the number of students and faculty members enrolled for NPTEL courses in ODD Semester 2022-23.
- Principal summarized the number of students and faculty members got certification in Infosys spring board courses during Even semester 2021-22.
- Principal suggested to include NPTEL and Infosys Spring board courses in curriculum 2022.

4. TEACHING, LEARNING AND EVALUATION

- Academic coordinator elaborated the activities related to academics as given below
 - ✓ Academic Calendar highlighting the dates of commencement of classes, internal assessment tests, class committee meeting, Model Exam and commencement of end semester examinations for ODD semester in the academic year 2022-23.
 - ✓ Presented the End semester Result analysis for the academic year 2021-22(Even semester)

Branch	2nd Sem			4th Sem			6th Sem			8th Sem			OVERALL		
	Appeared	Passed	% Pass	Appeared	Passed	% Pass	Appeared	Passed	% Pass	Appeared	Passed	% Pass	Appeared	Passed	% Pass
CE	20	16	80.00	36	28	77.78	43	34	79.07	104	104	100	203	182	89.66
CSE	172	150	87.21	191	158	82.72	181	178	98.34	121	121	100	665	607	91.28
EEE	55	45	81.82	61	48	78.69	117	102	87.18	124	124	100	357	319	89.36
ECE	175	153	87.43	193	169	87.56	176	155	88.07	194	192	98.97	738	669	90.65
EIE	26	23	88.46	30	29	96.67	41	41	100	44	44	100	141	137	97.16
ME	45	36	80.00	64	45	70.31	105	86	81.90	128	127	99.22	342	294	85.96
IT	57	52	91.23	61	60	98.36	58	56	96.55	61	61	100	237	229	96.62
ADS	57	50	87.72	61	58	95.08	NA	NA	NA	NA	NA	NA	118	108	91.53
CSBS	59	52	88.14	60	59	98.33	NA	NA	NA	NA	NA	NA	119	111	93.28
CSD	55	44	80.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	55	44	80.00
Total	721	621	86.13	757	654	86.39	721	652	90.43	776	773	99.61	2975	2700	90.76

- ✓ AC Presented the schedule for Supplementary arrear Examination for Academic year 2021-22(ODD and 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 90%
- Dean Research enquired about the decrease in 2nd semester results. AC replied that 10th, 11th 12th exams were conducted in online due to pandemic hence students find difficult to write physical mode exams.

5. RESEARCH, INNOVATIONS AND EXTENSION

- Dr. Elwin Chandra Monie, Dean – Research, presented the Research and Development activities from June 2022 to August 2022.
 - ✓ 49 papers have been published in refereed journals. 49 papers have been accepted and 124 papers were communicated.
 - ✓ 5 Patents were published and 11 patents were filed.
 - ✓ Rs.13.2 lakhs were sanctioned for MSME project submitted by Dr. Chidambarathanu K, HoD/CSBS and Rs.32.09 lakhs were sanctioned for DST-BDTD submitted by Dr. Sumitra V, ASP/ECE.
 - ✓ 73 faculty members are pursuing Ph.D and Dr. Hemamathi ASP/CE completed Ph.D during the above said period.
- Principal enquired about the Ph.D completion status of faculty members of all the departments.

6. STUDENT SUPPORT AND PROGRESSION

(i) PLACEMENT

- Dr. K. K. SivagnanaPrabhu, Head, Training and Corporate Affairs, updated on the following Training and Placement activities:

- ✓ Placement Training Programs scheduled for Third, Fifth and Seventh semester students during the Odd semester 2022-23.
 - ✓ Overall 2022 Batch placement percentage is 91.36% and individual department placement statistics is presented.
 - ✓ 154 students got placed in higher salary package in 2022 Batch. 2 CSE and 1 ECE student received 25 Lakhs / annum (Amazon) from 2022 Batch.
 - ✓ 39.66% of 2023 Batch students were placed as on date. 227 students got more than 6 lakhs per annum salary package.
- Principal informed the HoDs to motivate the girl students to prepare for Amazon WoW and to arrange special training with help of Alumni and T&P

(ii) Higher Studies

- Dr. S.D. Uma Mageswari, Prof./S&H, updated on the following Higher Education activities:
- ✓ Presented the activities planned and completed for the academic year 2022-23 (Odd Semester).
 - ✓ Proposed to sign MoUs with Taylor University Malaysia and ETS Chennai.
 - ✓ Higher studies statistics with number of students pursuing higher studies in India and abroad for the batch 2021 and 2022.

(iii) Entrepreneurship

- Dr. N.M. JothiSwaroopan, Prof./EEE, updated on the following Entrepreneurship activities:
- ✓ Activities of the Entrepreneurship Cell, Incubation Center, RMK Startup Programme and ARIIA completed during Even semester 2021-22 and planned for Odd semester 2022-23 were presented.
 - ✓ 5 start ups has been registered by alumni and faculty members

(iii) Review of student club activities (v) Outreach Programmes Planned (NSS/YRC, UBA)

(vi) Extra-Curricular and Co-Curricular activities of Students

- Dr. S. Vijayalakshmi Prof./ECE, elaborated about the following club activities:
- ✓ Review of student club activities: Number of competition / events conducted by the clubs such as Technical Clubs, Language Club, Math Club, Coding Club, Science & Innovation Club, TEDx, Eco Club, Photography Club, Cultural Club, Astronomy Club and Yoga Club etc. in line with SDGs in Academic year 2021-22.
 - ✓ Presented the number of activities planned to conduct in all clubs during Odd semester 2022-23.
 - ✓ Extension activities planned for the Academic year 2022-23 is presented.
- Presented the achievements of students in extra-curricular and co-curricular activities in academic year 2021-22

(vii) Institution Innovation Council

- Dr. Jaison presented the activities conducted in the Even Semester 2021-22 through IIC cell and the planned activities for Odd semester 2022-23.
- 3 ATL Schools selected for mentoring as part of ATL-School Linkage by IIC.
- IIC members have attended the IIC Regional Meet organized by MoE Innovation Cell at Sathyabama University

7. ALUMNI

- Mr. Vijayanand, Alumni Coordinator conveyed the following points
 - ✓ 32nd Alumni Meet will be conducted in the month of November 2022 at Chennai.
 - ✓ Our Alumni Association has successfully completed 31 Alumni meet under the support of our Management. More than 1000 active participation for all the meet.
 - ✓ Last Academic year, Alumni have Participated in more than 300 Events like Guest lectures, Mock interviews and Judging various competitions. Similar events are planned for this Academic year
 - ✓ For odd semester 2022-23, Planned to invite Alumni members for Guest lectures, Mentors for National level Competitions like SIH and Chief Guest for inauguration of various functions and activities to enrich the students in latest trends and Opportunities.
 - ✓ Planned to conduct Alumni meet in forthcoming Graduation Day in our college and another meet in Chennai during the month of October.
 - ✓ Planned to renew our official Alumni website with enhanced details. <https://rmkalumni.org/>
 - ✓ Alumni association offer networking opportunities, which can connect recent graduates with established professionals and help our alumni pursue career changes. <https://rmkec.alumniconnect.in/home>

8. Ranking and Achievements

(a) ARIIA updates

- Dr. N.M. JothiSwaroopan, Prof./EEE, explained about the preparatory work for ARIIA

(b) NIRF Ranking and improvement strategies

- Dr. Chidambarathanu K, HoD/CSBS conveyed that to improve the ranking the current academic year, various parameters of NIRF ranking are reviewed regularly in R&D meeting.

(c) AQAR report submission status

- Dr. Sandra Johnson HoD/ADS presented the following.
 - ✓ All 7 Criterion uploaded and ready for submission
 - ✓ New questionnaire is included on Institutional Preparedness for NEP 2020:
 - Multidisciplinary / interdisciplinary
 - Academic bank of credits (ABC)

- Skill development:
- Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)
- Focus on Outcome based education (OBE)
- Distance education/online education

➤ Deadline for submission extended upto 15th October 2022.

(d) Analysis of Student Satisfaction Survey (SSS) on overall institutional performance

- Dr. Sandra Johnson HoD/ADS conveyed that teaching effectiveness of all the subject handling faculty is analyzed using a 23 questionnaire for the Odd semester 2021-22. For the even semester the feedback is collected through RMK Nextgen App.

9. BEST PRACTICES

a. ISO 21001:2018

- Principal informed about ISO 21001: 2018(EOMS) auditor training program held on 24.06.22 & 25.06.22
- Status of preparation of formats on par with EOMS standard for Internal Audit.
- Proposed to conduct Document Review and Initial Visit during the month of October 2022.

b. Idea Lab status and plan; Need for collaboration and inputs from industry

- Principal presented the status of equipments procured, ordered and to be purchased in Idea lab.
- Principal informed about the major components such as 3D Printer, 3D Scanner, CNC Laser cutter, CNC wood router, PCB milling machine, Computer work stations etc. available in the idea lab.
- Principal listed the activities conducted by Idea lab as on date.
- Principal conveyed that 20 students of Kalaimagal Vidhyalaya matriculation school visited our idea lab on 17.09.2022.
- Principal conveyed that our college is mentoring Vivekananda College of Engineering who got sanctioned for establishment of Idea lab under self financing scheme.

10. PRESENTATION BY OTHER MEMBERS

- Advisor appreciated all the faculty members for the implementation of various activities and lots of improvements and initiatives done.
- ✓ Suggested to include IIT professor as a BoS Member.
- ✓ More focus on publications and funding.
- ✓ Ph.D holders should get guideship status.
- ✓ Idea lab should be utilised for providing consultancy to the industry.

- Principal informed that HoD- MECH and HoD- EEE made a visit to the company named TOBELCO.
- Dr.Senthil Kumar HoD-MECH conveyed that the company TOBELCO will provide four outcomes namely Industrial Visit, Internship, Graduate Engineer Trainee and Training at our college. Hence planned to sign MoU with te TOBELCO.
- Principal informed that HoD- IT, faculty members and students visited IIT, Chennai.
- Dr. Sheerin Banu, HoD-IT said that along with 2 faculty and 62 students visited the IIT Chennai. Communicated with 10 professors and visited the labs namely Robert Bosch AI centre. Students had the opportunity to see the projects there.
- Dr. V. Srinivasan Prof./S&H and CoE- RMKEC stated that the supplementary exams for 1st semester were completed and it is planned to conduct the supplementary exams for 2nd and 4th semester after publishing the review results. He also informed that the entire process of CoE is highly appreciated by the Result Passing board member of AU and the finance committee member. HoDs are taking more efforts to conduct the tests and end semester exams in a systematic approach. External members were appointed during the complete process of examinations.
- Principal stated that the question paper selection is done as per the norms prescribed by Anna University. Scanning of answer scripts are done with the presence of an external representative. Principal requested the HoDs to make the question bank as a high standard, which covers all aspects of that subject.
- Mr. Ilango – Administrative Officer appreciated the process and procedures of the college and said that a register should be maintained to check the completion status of any work and to ensure the completion within time.
- Dr.Vakada. Krishnarjuna Rao – Physical Director conveyed about the Yoga Classes for the 1st Year students and briefed about the achievements done by the students during 2021-22. He also said that after Corona pandemic this year the Zonal matches are getting scheduled. He thanked the management and Principal for their full support and encouragement.
- Principal Sir informed all the HoDs to convey the sports related information to HoD-ECE and Physical Director.
- Mr. Jehan Charlie, Kelloggs Tolagram Ltd, thanked the principal and organizers of the IQAC meeting for having invited him for the IQAC meeting and happy to note the various developments and achievements of the college. He also suggested to find Niche skills of various domains and to include in curriculum.

KEY DISCUSSION POINTS AND CONCLUDING REMARKS

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

No.	IQAC Member	Discussion point	Responsible person	Target Date of completion or status review
1	Principal	Regulations & Curriculum 2022 for the students admitted in the academic year 2022-23	Principal and all HODs	10.10.2022
2	Dr. S. PavaiMadheswari, Academic Coordinator	Academic goals and follow up of the institution for Academic Year 2022-23(ODD)	Respective coordinators	Continuous
3	Dr.Elwin Chandra Monie, Prof./ECE	Paper publications, research proposals and Ph.D completion	Faculty members	Continuous
4	Dr. S.Vijayalakshmi, Prof./EEE.	Student club activities	Club in charges	30.11.2022
5	Dr. S.Vijayalakshmi, Prof./EEE.	Outreach Programmes Planned (NSS/YRC, Swachh Bharat, Gender Sensitization)	Respective coordinators	30.11.2022
6	Dr.B.Jaison, Prof./CSE.	IIC Activities	Dr.B.Jaison & Respective coordinators	Continuous
7	Dr. Sandra Johnson, HoD – ADS. Dr. Murali Krishna T, Prof/CE	AQAR (2020 - 21) Report submission	Dr. Sandra Johnson, Dr. Murali Krishna T & Respective coordinators	15.10.2022
8	Principal	ISO 21001 : 2018	ISO coordinators	31.10.2022
9	Principal	Idea Lab activities	Idea Lab coordinators	Continuous

- Dr. S.Vijayalakshmi, proposed 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 : 20.09.22



Copy to

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

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

Junaid
20/09/22
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.



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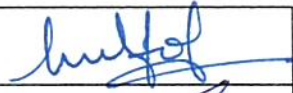



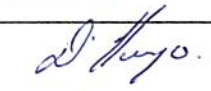

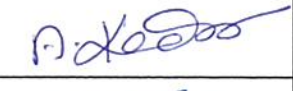


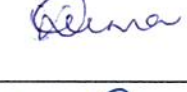

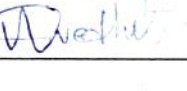
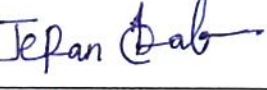
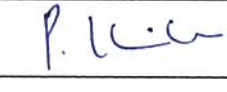
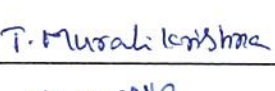


INTERNAL QUALITY ASSURANCE CELL (IQAC)

LIST OF MEMBERS AND ATTENDANCE

23rd IQAC Meeting 17-09-2022 at 10.30 a.m.

S.No.	IQAC Member	Representing	Signature
1	Thiru. R.S. Munirathinam Founder - Chairman	Founder - Chairman	
2	Thiru. R.M. Kishore Vice-Chairman	Vice-Chairman	
3	Dr. M.S.Palanichamy Former Vice Chancellor Tamilnadu Open University	Educationist representing local society	
4	Dr. K.A. Mohamed Junaid Principal (Convener)	Head of the Institution	 Junaid 17/9/22
5	Dr. S.Vijayalakshmi Prof.- ECE	IQAC Coordinator	
6	Dr. K. Chandrasekaran Dean - Academics	Dean - Academics	
7	Dr. Elwin Chandra Monie Dean - Research	Dean - Research	
8	Mr. B. Kumar Manager, RMKEC	Member representing the Management	
9	Dr. S. PavaiMadheswari Academic Coordinator and HoD – S&H	Senior Teacher	 Pavai Madh 17/09/2022
10	Dr. Binu Sukumar HoD – Civil	Senior Teacher	 Binu Sukumar 17/9/22
11	Dr. T. Sethukarasi HoD – CSE	Senior Teacher	 Sethukarasi 17/9/22
12	Dr. Geetha Ramadas HoD –EEE	Senior Teacher	
13	Dr. T. Suresh HoD – ECE	Senior Teacher	
14	Dr. T. Gnanasekaran HoD - EIE	Senior Teacher	
15	Dr.K.R.Senthil Kumar HoD – Mechanical	Senior Teacher	
16	Dr. M. Sheerin Banu HoD – IT	Senior Teacher	 17.9.2022

17	Dr. Sandra Jhonson, HoD – ADS	Senior Teacher	
18	Dr. Chidambarathanu K HoD – CSBS	Senior Teacher	
19	Dr.Thanga Ramya S HoD-CSD	Senior Teacher	
20	Dr. K.K.Sivagnana Prabhu Head, Training , Placement and Corporate Affairs	Head of Training, Placement and Corporate Affairs	
21	Mr.D.Ilango Administrative officer	Administrative Office	
22	Dr. V.Srinivasan Controller of Examinations	Controller of Examinations	
23	Dr. A. Kadirvel Transport-in-charge	Transport Incharge	
24	Dr. M. Seenivasan Chief Librarian	Library Incharge	
25	Dr. VakadaKrishnarjuna Rao Assistant Director	Physical Education	
26	Dr. S.D. Uma Mageswari Member, Rotary Club of Gummidipoondi Industrial City	Local society	
27	Mr. K. Vijayanand Assoc. Professor /EIE	Alumni Representative	
28	Ms. Nivedhitha D P -111720201031, III Year / ADS / RMKEC	Student	
29	Mr. JehanCharle, Brand Manager, Kellogg's Tolaram Nigeria Limited.	Alumni and Industrialist	
30	Dr.P.Kavitha Assoc.Prof./EEE	IQAC Member	
31	Dr. Murali Krishna T Prof. / Civil	IQAC Member	
32	Mr. K. Naresh Kumar Asst. Prof. / EEE	IQAC Member	