



R.M.K. ENGINEERING COLLEGE

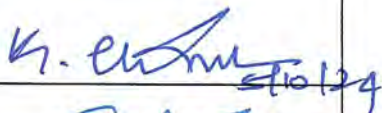



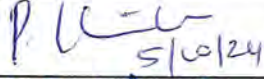
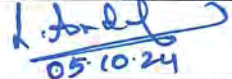
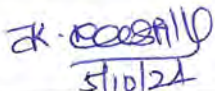
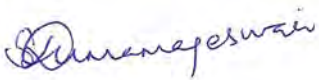

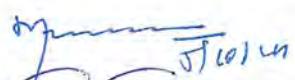
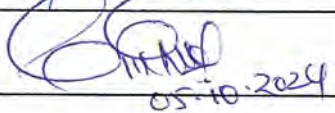

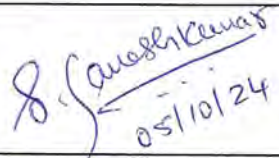
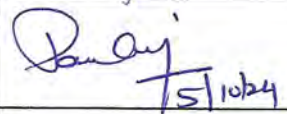



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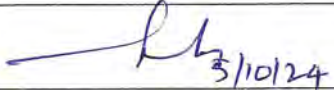


Internal Quality Assurance Cell (IQAC) 31st IQAC MEETING ATTENDANCE SHEET

Date : 05-10-2024

S.No.	Name	Designation	Composition criteria specified by NAAC	Signature
1	Thiru. R.S. Munirathinam	Founder – Chairman	Management Member	
2	Thiru. R.M. Kishore	Vice-Chairman	Management Member	
3	Dr. M.S.Palanichamy	Former Vice Chancellor Tamilnadu Open University	Educationist representing local society	
4	Dr. K.A. Mohamed Junaid	Principal	Head of the Institution	
5	Dr. S.Vijayalakshmi	Professor/ECE	Senior Faculty	
6	Dr. K.K.Sivagnana Prabhu	Dean – Career Development Centre	Senior Faculty	
7	Dr. S. Pavai Madheswari	Academic Coordinator and HoD – S&H	Senior Faculty	
8	Dr. Binu Sukumar	HoD – Civil	Senior Faculty	
9	Dr. T. Sethukarasi	HoD – CSE	Senior Faculty	
10	Dr.Geetha Ramadas	HoD –EEE	Senior Faculty	
11	Dr. T. Suresh	HoD – ECE	Senior Faculty	
12	Dr.K.R.Senthil Kumar	HoD – Mechanical	Senior Faculty	
13	Dr. M. Sheerin Banu	HoD – IT	Senior Faculty	
14	Dr. Sandra Jhonson,	HoD – ADS	Senior Faculty	

15	Dr.Chidambarathanu K	HoD – CSBS	Senior Faculty	 5/10/24
16	Dr.Thanga Ramya S	HoD-CSD	Senior Faculty	 5/10/24
17	Dr.V.Srinivasan	Professor/S&H & Controller of Examinations	Senior Faculty	 5/10/24
18	Dr. A. Kadirvel	Professor/MECH & Transport Incharge	Senior Faculty	 5/10/24
19	Dr.P.Kavitha	Associate Professor/EEE	Faculty	 5/10/24
20	Dr. L.Andal	Professor/ Civil	Faculty	 05.10.24
21	Mr. K. Naresh Kumar	Assistant Professor / EEE	Faculty	 5/10/24
22	Dr. S.D. Uma Mageswari	Member, Rotary Club of Gummidipoondi Industrial City	Local society	 5/10/24
23	Mr. K. Vijayanand	Assoc. Professor /EIE Alumni Representative	Alumni Nominee	 5/10/24
24	Dr. M. Seenivasan	Chief Librarian	Library Incharge	 5/10/24
25	Dr.VakadaKrishnarjuna Rao	Assistant Director	Physical Education	 05.10.2024
26	Ms.V.Harshini 111721107020	IV Year/CSD	Student Nominee	 Harshini . S.V
27	Mr.Ganeshkumar Sankaralingam	Delivery manager/Architect, DXC Technologies Ltd, Chennai	Alumni and Industrialist	 05/10/24
28	Dr. D. PAULRAJ	Prof/CSE	Research Co-ordinator	 5/10/24
29	Dr. R. SURESH KUMAR	PROF/MECH	Faculty	 5/10/24
30	T. Magesh	Prof / EEE	Faculty	 5/10/24
31	R.Venikata Subramani	Asst. Placement officer	CDC	 5/10/24

S.No.	Name	Designation	Composition criteria specified by NAAC	Signature
32	D.V.S.SELVI	Professor	Higher Education	 3/10/24
33				
34				
35				



R.M.K. ENGINEERING COLLEGE

(An Autonomous Institution)

R.S.M. Nagar, Kavaraipettai - 601206



MINUTES OF THE 31st IQAC MEETING HELD AT 10:30 AM ON 05.10.2024 Venue: RJ Block Board Room

Preamble:

1	Thiru. R.S. Munirathinam	Founder - Chairman
2	Thiru. R.M. Kishore	Vice-Chairman
3	Dr.M.S.Palanichamy	Former Vice Chancellor Tamilnadu Open University
4	Dr. K.A. Mohamed Junaid	Principal
5	Dr.S.Vijayalakshmi	Professor/ECE
6	Dr. Elwin Chandra Monie	Dean - Research
7	Dr.K.K.Sivagnana Prabhu	Dean – Career Development Centre
8	Dr. S. Pavai Madheswari	Academic Coordinator and HoD – S&H
9	Dr. Binu Sukumar	HoD – Civil
10	Dr. T. Sethukarasi	HoD – CSE
11	Dr.GeethaRamadas	HoD –EEE
12	Dr. T. Suresh	HoD – ECE
13	Dr.K.R.Senthil Kumar	HoD – Mechanical
14	Dr. M. Sheerin Banu	HoD – IT
15	Dr. Sandra Jhonson,	HoD – ADS
16	Dr.Chidambarathanu K	HoD – CSBS
17	Dr.Thanga Ramya S	HoD-CSD
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20	Dr. L.Andal	Professor/ Civil
21	Dr.P.Kavitha	Associate Professor/EEE
22	Mr. K. Naresh Kumar	Assistant Professor / EEE
23	Dr. S.D. Uma Mageswari	Member, Rotary Club of Gummidipoondi Industrial City
24	Mr. K. Vijayanand	Assoc. Professor /EIE Alumni Representative
25	Dr. M. Seenivasan	Chief Librarian
26	Dr.VakadaKrishnarjuna Rao	Assistant Director
27	Ms.V.Harshini,111721107020	IV Year/CSD
28	Mr.Ganeshkumar Sankaralingam	Delivery manager/Architect, DXC Technologies Ltd, Chennai

IQAC Coordinator welcomed all the IQAC members for the 31st IQAC meeting. Principal presented the agenda of the meeting to all the members.

a. REVIEW OF PREVIOUS MEETING

Principal reviewed the following points discussed in 30th IQAC meeting conducted on 08.06.2024 in the presence of all the IQAC members

- ❖ Student Internships – Summer vacation
- ❖ Working Professional course approval
- ❖ Supplementary arrear results – ODD Semester 2023-24
- ❖ Model Exam Result Analysis – EVEN 2023-24

- ❖ Subject FDP -ODD semester 2024-25
- ❖ Annual Day - 2023-24
- ❖ Sports Day - 2023-24
- ❖ Club Activities - 2023-24
- ❖ NIRF Ranking and improvement strategies
- ❖ AQAR report submission status
- ❖ Identification of rare books for library
- ❖ Design the Thinking Workshop
- ❖ International Day against Drug – E Pledge
- ❖ Generic Talk series

b. ACTION TAKEN REPORT ON PREVIOUS MEETING

- ❖ Students completed Internship during summer vacation and submitted the report in respective departments
- ❖ Awaiting Anna University approval for Working Professional course.
- ❖ Steps were taken by respective departments to improve end semester results – EVEN 2023-24.
- ❖ Conducted Subject FDP (ODD semester 2024-25) in all departments and discussed in weekly HoDs Meeting
- ❖ Conducted Annual Day and sports Day on 30.04.2024 and distributed prizes worth Rs.44 Lakhs to students
- ❖ Common club competition is conducted by respective club incharges during ODD and EVEN semester - 2023-24
- ❖ Received 151-200 Rank band in NIRF Ranking
- ❖ All HoDs attended two days workshop on Design the Thinking
- ❖ 90% of students took E Pledge during International Day against Drug
- ❖ Generic Talk series organized by anyone department once in three week

c. CURRICULAR ASPECTS

a. Regulations 2024

Principal presented the salient features of Regulations 2024 and the keypoints discussed as listed below

- Semester Long Student Internship/Project at Research organization, institutions/Universities in India and abroad.
- Off campus courses from Institutions/Universities in India(NIRF 100) and abroad(QS Ranking 500) and knowledge partner Industries in Physical/online/hybrid mode for credit transfer.
- Semester abroad program.

- Advancement of courses - seventh semester courses may be advanced to fifth and sixth semesters, subject to the maximum number of course registration (No. of Credits) per Semester – To be continued
- Double valuation for theory courses – To be continued as in Regulation 2022
- Supplementary arrear Examination – To be continued as in Regulation 2022
- Minor and Honours Degree – To be continued as in Regulation 2022

b. Special features of curriculum 2024

Principal stated that following features of curriculum 2024

- Theory courses with laboratory component, Laboratory courses with Theory component – Emphasize Project based learning
- Product Development Laboratory from Third to Sixth semester – Idea to Product development
- Introduction of Programming subjects in first 4 semesters : Programming in C, Introduction to AI, Software Development practices, Programming in C++, Java Programming, Data Structures, Advanced Java Programming, Database Management Systems, Design and Analysis of Algorithms, Web Development Frameworks
- Credit transfer for off campus courses (one course per semester) in online/offline/hybrid mode
- Mandatory internship during III semester (1 Week – 0.5 credit), V semester (2 Week – 1 credit) and VII semester (4 Week – 2 credit)
- Audit and Mandatory courses in each semester
- A. Mandatory Courses – [Environmental Sciences and Sustainability, Induction Program, Indian Constitution, Essence of Indian Traditional Knowledge]
- B. Audit Courses – [Value Education, Yoga for Stress Management, Personality Development]
- TOEFL Certification exam as part of the curriculum – 3 credits
- Soft skills, personality development and coding practices are available as part of the curriculum as Employability Enhancement Course starting from the first semester onwards – 8 credits.

c. Number of courses focusing on employability/entrepreneurship/ skill development and

d. Number of value-added courses for imparting transferable and life skills offered during the year 2024-25

- Principal presented the departmentwise number of courses focusing on employability/entrepreneurship/ skill development and value-added courses for imparting transferable and life skills offered during the academic year 2024-25

e. Students/ faculty members enrolled and registered for examination for NPTEL courses in ODD Semester 2024-25

Principal stated about the students enrolled and registered for NPTEL examination in odd semester 2024-25 is given below

Dept.	Second Year (2023-27)					Third Year (2022-26)					Final Year (2021-25)				
	No. of students	Enrolled the courses	Courses enrolled by the students	Students Registered for Exam	courses Registered by the students for Exam	No. of students	Enrolled the courses	Courses enrolled by the students	Students Registered for Exam	courses Registered by the students for Exam	No. of students	Enrolled the courses	Courses enrolled by the students	Students Registered for Exam	courses Registered by the students for Exam
CE	22	22	22	22	22	24	24	25	24	24	25	25	48	23	23
CSE	259	253	253	253	253	199	193	193	181	181	189	35	35	26	26
EEE	62	59	59	56	56	66	66	66	50	50	66	14	14	14	14
ECE	196	192	197	192	192	195	192	197	155	160	188	144	144	32	36
EIE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26	26	26	26	26
MECH	33	31	31	31	31	29	29	29	29	29	51	51	51	51	51
IT	124	124	124	124	124	129	129	129	102	102	61	61	61	4	4
ADS	127	119	119	90	90	68	68	68	30	30	62	62	62	8	8
CSBS	63	63	63	63	63	66	66	66	65	65	62	61	61	52	52
CSD	61	61	61	59	59	64	64	64	64	64	56	56	56	56	56
EC(ACT)	58	58	58	58	58	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EE(VLSI)	59	59	59	59	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL	1064	1041	1046	1007	1007	840	831	837	700	705	786	535	558	292	296

Faculty members enrolled and registered for NPTEL examination in odd semester 2024-25 is given below

Dept.	No. of faculty	faculty enrolled the courses	Courses enrolled by the faculty	Faculty Registered for Exam	Courses Registered by the Faculty for Exam
CE	8	8	20	8	14
CSE	38	30	30	30	30
EEE	12	12	12	12	12
ECE	26	26	26	26	26
EIE	2	2	2	2	2
MECH	11	11	11	11	11
IT	16	15	15	11	11
ADS	13	13	29	4	8
CSBS	11	11	11	10	10
CSD	12	12	12	8	8
EC(ACT)	3	3	3	2	2
EE(VLSI)	3	3	3	2	2
S&H	39	39	39	29	29
TOTAL	194	185	213	155	165

f. Academic calendar – 2024-25 (ODD semester)

Principal presented the 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 2024-25.

4. TEACHING, LEARNING AND EVALUATION

Dr.S.Vijayalakshmi presented the following points with respect to Teaching, learning and Evaluation

a. Result analysis of EVEN semester of the academic year 2023-24.

The consolidation of results of EVEN semester of the academic year 2023-24 discussed is given below

Branch	2nd Semester			4th Semester			6th Semester			8th Semester			Overall		
	Regd.	Pass	% of Pass	Regd.	Pass	% of Pass	Regd.	Pass	% of Pass	Regd.	Pass	% of Pass	Regd.	Pass	% of Pass
CE	20	15	75	24	16	66.67	25	18	72	36	36	100	105	85	80.95
CSE	249	201	80.72	199	186	93.47	189	177	93.65	193	193	100	830	757	91.2
EEE	60	47	78.33	66	53	80.3	66	50	75.76	61	61	100	253	211	83.4
ECE	189	147	77.78	195	140	71.79	188	179	95.21	193	193	100	765	659	86.14
EIE	NA	NA	NA	NA	NA	NA	26	26	100	30	30	100	56	56	100
MECH	27	20	74.07	29	27	93.1	51	44	86.27	64	64	100	171	155	90.64
CSD	61	53	86.89	65	60	92.31	56	55	98.21	NA	NA	NA	182	168	92.31
ECA	59	44	74.58	NA	NA	NA	NA	NA	NA	NA	NA	NA	59	44	74.58
EEV	58	49	84.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	58	49	84.48
ADS	123	104	84.55	68	60	88.24	62	62	100	61	61	100	314	287	91.4
CSBS	63	53	84.13	66	63	95.45	62	62	100	60	60	100	251	238	94.82
IT	123	102	82.93	129	123	95.35	61	60	98.36	61	61	100	374	346	92.51
UG Total	1032	835	80.91	841	728	86.56	786	733	93.26	759	759	100	3418	3055	89.38

b. Academic goals of the institution for Academic Year 2024-25 (ODD)

Academic goals for Academic Year 2024-25 (ODD Semester) in terms of target pass percentage for all the departments were presented. The overall target percentage for college is fixed as 90.44%

c. Performance in First Internal Assessment – Odd semester 2024-25

Presented and discussed the performance of students in first internal assessment – ODD Semester 2024-25. Insisted to take remedial steps to improve the performance of students in continuous assessment.

Branch	3rd semester			5th semester			7th semester			OVERALL		
	Regd.	Pass	% of Pass	Regd.	Pass	% of Pass	Regd.	Pass	% of Pass	Regd.	Pass	% of Pass
CE	22	12	54.55	24	11	45.83	25	11	44	71	34	47.88
CSE	261	113	43.30	199	129	64.82	189	73	38.62	649	315	48.54
EEE	64	32	50.00	66	38	57.58	66	38	57.58	196	108	55.10
ECE	199	79	42.07	195	83	42.56	189	97	51.32	583	259	44.43
EIE	NA	NA	NA	NA	NA	NA	15	10	66.67	15	10	66.67
MECH	33	8	24.24	29	11	37.93	51	23	45.10	113	42	37.17
IT	125	65	52.00	129	86	66.67	61	44	72.13	315	195	61.90
ADS	127	72	56.69	68	41	60.29	62	14	22.58	257	127	49.42
CSBS	64	33	51.56	66	34	51.52	62	46	74.19	192	113	58.85

CSD	61	33	54.1	64	47	73.44	56	22	39.29	181	102	56.35
EC(ACT)	59	32	54.24	NA	NA	NA	NA	NA	NA	NA	NA	NA
EEV	59	32	54.24	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total	1074	511	47.58	840	480	57.14	776	378	48.71	2572	1305	50.74

5. RESEARCH INNOVATION AND EXTENSION

Dr.D.Paulraj, Research Coordinator presented the Research and Development activities

- 464 journal papers were published from January to December 2023.
- 123 papers have been published in refereed journals from July to September 2024.
- 1 Patent granted and 11 patents published from July to September 2024.
- Rs.33.27 lakhs consultancy projects were completed by faculty members till September 2024. Rs.7.79 lakhs consultancy projects were completed by faculty members from July to September 2024
- 103 scholars pursuing Ph.D and 5 scholars completed Ph.D till date in this year.
- Rs.61 lakhs projects funded by various government organization are in progress.
- 93 project proposals were submitted by students in TNSCST.

6. STUDENT SUPPORT AND PROGRESSION

i. Placement

Mr.Venkat Subramani presented the placement training Programs and placement statistics as follows

- Placement Training Programs scheduled for Third, Fifth and Seventh semester students during the Odd semester 2024-25 discussed.
- 74.36% students placed in 2024 Batch students.
- 117 students placed with Annual package of Rs. 6 lakhs and above.
- Planned to Increase in RHP Batch Size
- Vision Programme – reframing the syllabus to improve employability skills

ii. Higher Education

Dr.S.Selvi presented the Higher Education cell activities as follows

- Presented the activities conducted by Higher Education cell till date in this academic year.
- MoU signed with following Universities

S.No.	MoU signed with	Month of signing
1	University of Western Australia (QS ranking 72)	July 2024
2	University of Applied Sciences, Kaiserslautern, Germany	July 2024
3	Knowledge Foundation @ Reutlingen University & German Varsity, Germany	July 2024
4	Berlin School of business and Innovation, Germany	September, 2024
5	GIBA – German Indian Business Alliance, Germany	September 2024

- 78 students from 2024 Batch students joined higher studies in abroad and in India.

iii. IIC activities

- Principal summarized the IIC activities planned and conducted for this academic year 2024-25..
- Appreciated the activities conducted by IIC coordinators and their efforts to complete the the event successfully.

iv. Sports

Dr.Vakada Krishnarjuna Rao elaborated the sports achievements and activities as follows

- Students participated in Anna University Zonal competition such as Chess (Men & Women), Badminton (Men & Women), Volleyball (Men & Women), Basket Ball (Men & Women) and Weight Lifting.
- Our college hosted Anna University Zonal competition - Volleyball (Men & Women) and Basket Ball (Men & Women) in our campus.
- T.Yuvaraj won Silver (senior male kumite) in Shitoryu karate national championship-2024 held at Vijay nagar ,Mysore.
- S.Suriya has also secured "first position" in the "CM trophy district level tournament" (badminton discipline) in the "singles" category and got selected for the cm trophy state level tournament 2024-25.
- Our students won 1st Place in 200m Freestyle and 2nd Place in 50m Backstroke.
- Won 2nd Place in Zone Chess (Women) Competitions and Zonal Volley ball (Women) and 3rd Place in Zone Badminton (Women) Competitions.
- Secured 1st Place in Badminton(men) has Anna University Zone -I Badminton Competitions. Selected for Anna University Inter Zone Championship
- Our Weightlifting Team Has participated in IIT MADRAS Weightlifting Competitions and G. Siva Reddy (IV Year CSD) Potheesh Vignesh (III Year ECE)" Secured Bronze Medals. The Weightlifting Team won 2nd Place Overall Championship.
- Secured 3rd Place in Zone Basketball (men) Competitions.

7. RANKING AND ACHIEVEMENTS

a. NIRF Ranking and improvement strategies

Dr.K.Chidambarathanu elaborated about the sectionwise points secured in the year 2024 and discussed about the target fixed for this year.

b. AQAR report submission status

- Dr.L.Andal discussed about the allocation of criteria incharges and progress of preparation of AQAR report for the academic year 2023-24.
- Discussed about the weightages of each criteria and how to achieve full points in each criteria is discussed.

8. BEST PRACTICES AND PROPOSED NEW INITIATIVES

a. Skill Enhancement in emerging Technologies

Eight faculty members from ADS, CSD, ECE, EIE, CSE and ECA are doing internationally recognized courses in emerging Technologies in this academic year.

b. Celebration of national and international commemorative days, events and festivals for academic year 2024-25

Presented the national and international commemorative days, events and festivals events celebrated in our college till date during this academic year

c. Institutional social Responsibilities – 2024-25 : Junior Hackathon

Dr. G.Manikandan stated that junior hackathon is a programming and technology-based competition specifically designed for younger participants, typically students in high school or middle school on 13.10.2024 in our college. Discussed about the ten themes of hackathon, various committee constitution and arrangements.

d. Green Audit, Energy Audit, Environment Audit

Dr.T.Magesh discussed about the energy audit done by EEE department and progress of receiving Green Audit, Energy Audit, Environment Audit for this academic year.

e. UBA Activities

➤ Dr.R.Suresh kumar presented the activities conducted in the academic year 2023-24 is presented and photos taken during the events are presented. Activities proposed for the academic year 2024-25 are presented.

➤ Presented the Technology Development Projects (Funded) received by our faculty members from UBA and about Best Proposal Case Study – 2023-24 from UBA.

f. Subscription of E Resources through Consortium

➤ Dr. M. Seenivasan, Chief Librarian elaborated about trial access for E-Resources provided by Anna University for the Affiliated Institutions in Phase-1.

➤ Remote access will be provide through user name and password in future.

g. NDLI membership & events

Dr. M. Seenivasan, Chief Librarian presented the NDLI club details, membership details and activities organized in this academic year 2024-25.

h. Management Funded Projects

Discussed about the completed and ongoing management funded projects by each department.

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	Academic Performance	Academic Coordinator	Continuous

2	Improvement in Research categories	All faculty members	Continuous
3	IIC activities	Club incharges	Continuous
4	Improvement in Placement	Dean CDC	Continuous
5	UBA Activities	UBA Coordinator	Continuous
5	NDLI Activities	Librarian	Continuous

- Dr. S.Vijayalakshmi, proposed the vote of thanks, thanking all the members of IQAC for their valuable suggestions given for 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 : 08.10.2024

Zunaid
08/10/24
PRINCIPAL/IQAC CONVENER

Copy to

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

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