



R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution)

RSM NAGAR, PUDUVOYAL- 601206

IQAC MEETING

Second Meeting of the Academic Year 2024 - 2025

Date : 20.12.2024
Time : 10.00 AM
Venue : MB Board Room

DISCUSSIONS

Welcome Address:

The IQAC Coordinator, Dr J Gnana Jeslin, welcomed the members for the Second IQAC meeting of the year 2024-2025 and stated the Agenda of the meeting.

Agenda of the meeting

1. **Teaching-Learning Enhancement** -All HoDs
 - Discussion on implementing innovative teaching methodologies.
2. **NBA - Tier I- Old Format** -ECE & CSE HoD
 - Review of SAR (Self-Assessment Report) uploading status under the old format in the E-NBA portal
3. **Action Plan to get A++ in NAAC** -Dr. M. Balasubramanian / NAAC Coordinator
 - Presentation of initiatives and roadmap to achieve A++ grade.
4. **Current Status of Research Activities** -Dr. M. Balasubramanian / Research-Cell Coordinator
 - Increasing the number of publications and citations.

- Securing more sponsored research projects and events.
- Industry Sponsored research projects

5. Training and Placement Cell Activities

-Dr. C. Bibin / Convener, CDC

- Feedback on higher package placement and action plan to improve.
- Future trends in placement and enhancing student selection success.

6. NPTEL Progress

-Ms R Jayabharathi/ NPTEL Coordinator

- Analysis of faculty and student participation and performance in NPTEL examinations for the Odd Semester (AY2024-2025).
- Proposal for an action plan for the Even Semester (AY 2024-2025).

7. Usage of RMK Next Gen App

-Dr G Indra/RMK Next Gen Coordinator

- Evaluation of feedback to identify areas for quality improvement.
- Strategies to enhance student and faculty engagement through assessments and other tools.

8. Usage of Pragati Portal:

-Dr R Siva Subramanian/ Pragati Coordinator

- Optimization of centralized data management for academic processes.
- Utilizing real-time analytics to drive informed decision-making.
- Initiatives to improve academic outcomes and provide counseling support.

9. NSS & YRC Activities

-Mr. T. Sundareswaran T / NSS & YRC Coordinator

- Review of activities conducted during the Odd Semester of AY 2024-25.
- Formulation of an action plan for outreach programs in the Even Semester of AY 2024-25.

DISCUSSIONS	REMARKS/ACTION TO BE TAKEN
<p>1. Dr. S. Sankar Ganesh, HoD/CSE, Dr. Vijaya Raja V, HoD I/C-ADS, Dr. Gangadharan N, HoD/ECE, Dr. S. M. Udhaya Sankar, HoD/CSE (CS), and Dr. M. Balasubramanian, HoD/Mech, presented their department-wise innovative teaching methodologies that have been incorporated and implemented, such as</p> <ul style="list-style-type: none"> ● Conducting RMKNEXT MCQ-based tests, at least two per unit, along with live assessments on a day-to-day basis. ● Providing mini-projects to students at the end of every unit. ● Faculty members adopt project-based and experiential learning methodologies, incorporating participative techniques and problem-solving strategies. ● Conducting open discussions, scenario-based problem solving, and debates during class hours to ensure active student participation. ● Faculty members are encouraged to create video lectures on important or challenging topics. ● Assignments at various cognitive (K) levels are designed for students to gain deeper knowledge. ● Hands-on workshops are conducted to provide practical experience to students. 	<ul style="list-style-type: none"> ● The Principal and the Deans appreciated the efforts taken by all the departments in practising the innovative teaching methodologies. ● The Principal informed the HoDs to ensure the quality of the video lecture content being prepared by all the faculty members of the department ● The Dean emphasized that faculty members should facilitate and design online courses demonstrating the technical concepts and publish them on MOOC platforms such as Udemy, NPTEL, and others.

2. Dr. S. Sankar Ganesh, HoD/CSE, Dr. Gangadharan N, HoD/ECE confirmed the completion of uploading the NBA Criteria 1 and 2 documents in the portal. They also ensured the completion of remaining criteria in a week.

- The Principal and the Deans appreciated the efforts made by the department NBA coordinators, the HoDs of ECE and CSE, and the respective department faculty members in preparing the NBA SAR documents.
- The uploading of NBA Criteria 1 and 2 documents was completed successfully.
- The Principal and the Deans emphasized completing the uploading of the remaining criteria documents on or before 31.12.2024.
- It was also emphasized to ensure the accuracy of the data by verifying it twice before submission to the NBA Portal by the respective HoDs.

NAAC Coordinator

Dr.M.Balasubramanian, HoD of Mechanical has given a presentation on Action Plan to get A++ in NAAC

Key Points Discussed:

INSTITUTIONAL GRADES

CUMULATIVE GRADE POINT AVERAGE (CGPA)	LETTER GRADE
3.51 – 4.00	A++
3.26 – 3.50	A+
3.01 – 3.25	A
2.76 – 3.00	B++
2.51 – 2.75	B+
2.01 – 2.50	B
1.51 – 2.00	C

CRITERIA - I

Sl.N	Description	Proofs	21-22	22-23	23-24
1.3.2	Value added courses	30 hours minimum			
1.3.2	Courses offered by institution	/Repeated / Number	8	66	54
1.3.3	/MOOC	Enrolled/Brochure	380	1784	993
(35)		>=50 courses, Max marks			

- The Principal appreciated the efforts made by the NAAC Coordinator in identifying areas for improvement to achieve an A++ grade.
- The Principal and the Deans emphasized the importance of completing the AQAR 2023-24 data uploading process on or before 30.12.2024.
- The Dean (Research) encouraged faculty members to enhance their research activities by applying for funded projects from various government organizations to strengthen the research aspect of NAAC.
- The Principal urged the HoDs, mentors, and Year Coordinators to motivate students to take up the GATE exam.
- The Principal encouraged faculty members to publish books and book chapters.
- The Principal and the Deans emphasized conducting a greater number of NSS/YRC activities aligned with the SDG goals.

CRITERIA - II

Sl.N	Description	Proofs	21-22	22-23	23-24
2.2.2	Student : Teacher ratio (15)	<20:1, Full marks	15:1	15:1	17.39:1
2.4.1	Average percentage of full time teachers against sanctioned post (15)	>=90%, Full marks	100%	100%	100%
2.5.1	Average number of days from the last day of exam to declaration of results(20)	< 20 days, Full marks	O-45 E-58 51.5	O-29-84 E-25-11-15 37	O – 28 E – 32 30
2.6.2	Pass % of final year students excluding backlog (20)	>90%, Full marks	432/433 = 99.76	393/395 = 99.49	405/420 = 96.4
2.4.2	Number of full time teachers with Ph.D (25)	Marks awarded based on total teachers (without repeat count) >=70% Teachers, full mark	46 35.9%	51 39.8%	59 52.6%
2.4.3	Average teaching experience (5)	>=15 years, full marks	13.4	14	14
2.4.4	Average teaching experience in the same institution (5)	>=15 years, full marks	6	6	6.17

CRITERIA - III

Sl.N	Description	Proofs	21-22	22-23	23-24
3.1.2	Seed Money from Management (8)	Teacher/Title/Amount/Year/ Duration Less than Rs.1 Lakh not accepted For full marks; 20L Avg. Sanctioned Letter	3.5 L	2.5 L	5.2L
3.1.3	Awards of Teachers National/International fellowships for advanced studies/Research Travel grant also accepted (6)	Name of the Award/Year/Awarding agency Marks based on Total faculty count >=5%, Max marks	0	0	0
3.2.1	Grants received from Govt. & Non-Govt. agencies for research projects/ Endowments/Chairs (5)	Name of the Project/Chair/Endowment Investigator/Funds/Award letters >= 50 L, Max marks	37.17 L	24.24 L	9.0 L
3.2.2	Percentage of teachers having Research Projects (2 marks)	Marks based on total faculty count during the latest completed academic year >=30% Max marks	9/128 =7.03%	3/128 =2.34%	9/112 = 8.03%
3.2.3	Percentage of teachers as Research Guides (3 marks)	Marks based on total faculty count during the latest completed academic year >=30% Max marks	13/128 =10.15%	22/128 =17.18%	24/112 = 21.42 %
3.4.2	Number of Ph.D candidates registered/ teacher (5)	Name list Marks based on Total number of Supervisors >=6, Max marks, 132 Scholars required	35/13 =2.69	22/22 =1	24/14 = 1.7

3.4.3	Number of research papers per teacher in UGC-CARE Journals (5)	Title/Name/Dept/Journal/Year/ISSN/Page Number (Link required) Marks based on total number of teachers, >=5, Max marks	102+223+373+315+11 = 1024		
(153 * 5 = 765) required					
3.4.4	Number of books and chapters in edited volumes per teacher during the last 5 years (5)	Name/Title of the paper/Title of theBook/Proceedings/ISBN/Year Marks based on total number of teachers, >=8, Max marks	27/128 =0.21	11/128 0.08	30/112 = 0.26
1224 Book Chapters required					
3.4.5	Bibliometrics of Publications based on average citation index in Scopus +WoS (5 marks)	Title/Author/Journal/Publication/ Citation Index Information from INFLIBNET Marks based on total papers count, >=8, Max marks	576+956+1877+2563+146 =6118 (S) + 3059 (WoS) = 9177		
If publication count is roughly 1400, Citations should be 11.200 (Scopus+WoS)					
3.4.6	Bibliometrics of Publications based on H index in (Scopus + WoS) / 2 (5 marks)	Title/Author/Journal/Publication/ H Index Information from INFLIBNET >=12, Max marks	31	35	50
(35+15) = 25					
3.5.1	Revenue generated from consultancy and corporate training (10)	Audited statement of accounts/List of consultants/Name of the project/revenue generated/Consultancy report – Need to be mentioned in auditor statement >=50 L, Max marks	11.51 L	23.63L	18.21L
3.6.2	Number of extension and outreach programmes conducted by the institution through NSS/NSC (20)	>=75, Max marks (For 5 years)	03 295	07 319	13 2760
52 more required					
3.7.1	Number of collaborative activities for Research/Faculty exchange/student exchange/internship/Project work (20)	Title/Agency/Financial support >=30, Max marks	773	806	445
3.7.2	Through MoU (30 Required)				

CRITERIA - IV

Sl.N	Description	Proofs	21-22	22-23	23-24
4.2.3 4.2.2	Percentage Expenditure on purchase of Books/e-books/Journals/e-journals (5)	Audited statement of accounts Marks based on total expenditure excluding salary ≥10%, Full marks	7.87 /1383 =0.57%	14.57 /2000.9 =0.727%	19.98/2989 =0.66%
4.3.2	Student – Computer Ratio (10)	Number of Students / Computers ≤5:1, Max marks	1701 726 2.3:1	1784 726 2.45:1	1948 768 2.53:1

CRITERIA - V

Sl.N	Description	Proofs	21-22	22-23	23-24
5.2.1	Number of students placed	Number of students with employer details Self attested list of students placed ≥80%, Max marks	345	252	192
Placement and Higher Studies put together		(5.2.1 + 5.2.2)	(345+22)/433 = 84.7%	(252+15)/395 = 67.59%	(192+23)/420 = 51.1%
5.2.2	Number of outgoing students progressing to higher education	Number of students with Institution details Marks Based on total students	22	15	23

5.2.3	Number of students qualifying in State/National/International level Exam (Qualifying Certificates needed) (10)	NET/SET/JRF/GATE/GRE/CAT/GMAT /TOEFL/Civil services/State Govt. Exam ($\geq 01\%$, Max marks) Marks based on total number of outgoing students	31	21	15
			24 student's target		
5.3.1	Number of Awards/Medals for outstanding performance in Sports and Cultural activities at inter-university/State/National Events (15)	Name of the Event/Medal/Certificates ≥ 50 , Max marks	86	55	13
5.1.1	Number of Students benefited by scholarships and freeships provide by the Institution, Govt. and Non-Govt. agencies (11)	Name of the scheme with contact information and list of Beneficiaries Faculty to collect the details of student who obtain from outside agencies $\geq 60\%$, Max marks	254 18	249 59	296 65
5.1.3	Capacity development and Skill enhancement activities (8)	Soft skills Language and Communication skills Life skills (Yoga) Awareness of trends in technology Attendance report	All		
5.1.4	Redressal of student grievances (5) Proof of constitution of committee is required	Implementation Awareness programme Online/Offline Submission Mechanism Timely redressal of the grievances All fulfilled, full marks	All	All	
5.4.1	Alumni contribution(5)	Registration certificate Audited statement of accounts ≥ 50 L, Max marks	5-10 L	5-10 L	5-10 L

CRITERIA - VI

Sl.N	Description	Proofs	21-22	22-23	23-24
6.3.2	Number of Teachers provided with financial support to attend Conferences/workshops/membership fees for professional bodies (15) Mechanism to record data	Name of the Teacher/Conference/Workshop /Professional Society Marks based on total teachers Minimum Rs.2000 per faculty >=50%, Max marks	05	07	07
6.3.3	No. of Professional development/Administrative Training organized for Teaching and Non-Teaching faculty	Title/Dates	19	11	22
6.3.4	Number of Teachers who have attended online/face to face professional development/short term/refresher courses, etc (10)	Number of teachers/Title/IQAC report Marks based on total teachers >=50%, Max marks	88	121	87
6.4.2	Funds/Grants received from non-Govt. organizations, Individuals, Philanthropists (Other than criteria 3 and 4) (5)	Annual statement of accounts Name / Grants >=20 L, Max marks Fund other than research	NIL	NIL	NIL
6.2.2	E-Governance in operation (4)	Complaint Management Finance and Accounts Student Admission and Support Examinations	All	All	Fin- Nil
6.5.3	Institute has adopted Quality Assurance (10)	Academic Audit Conf., W/S, Seminar on quality Orientation Programme For teachers Participation in NIRF Any other quality audit	All	All	All

CRITERIA - VII

Sl.N	Description	Proofs	21-22	22-23	23-24
7.1.2	Alternate sources of Energy (6)	Solar lights/ <u>sensor based</u> energy savings/LED bulb/Bio-Gas plant	Solar LED	Solar LED	
7.1.6	Quality audits on Environment (5)	Green audit/Energy audit/Environment audit/Awards/Environmental promotion outside the campus	2	2	2
7.1.10	Organizing of Code of Conduct and ethics <u>Programme</u> every year for students, teachers and other staff (5)	Geo tagged photos and reports	All	All	
7.1.4	Water conservation facility available in the Institution (5)	RWH, Borewell, Tanks, recycling, water distribution system			
7.1.11	Institution celebrates / organizes National/international Commemorative days, events and festivals	Geo tagged photos and reports (Dept. to share)	Not much	Not much	Activities uploaded
7.1.9	Sensitization of students and employees of the institution to constitutional obligations; Values, Duties, Rights and Responsibilities of the citizen	Activities / <u>Programmes</u> / Report (Depts. To share)	Not much	Not much	Activities uploaded

Research Cell Coordinator

Dr.M.Balasubramanian, HoD of Mechanical has given a presentation on the Current Status of Research Activities

Key Points Discussed:

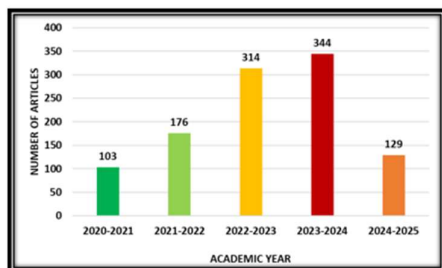
1. Research Progress Overview:

- Status of doctoral degrees achieved by faculty.

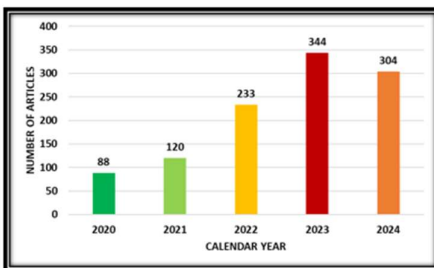
Status of Ph.D Degree					Recognized supervisor under Anna University, Chennai	
Department	Completed	Not Registered	Pursuing	Grand Total	Department	
AI&DS	9	2	8	19		
CSE	15	3	15	33	CSE	4
CSE-CS	2	4	2	8	CSE-CS	2
ECE	12	2	8	22	ECE	7
ME	3			3	ME	3
S&H	22	1	6	29	S&H	5
VLSI	2			2		
Grand Total	65	12	39	116	Grand Total	21

- Number of research articles published for the academic year 2024-2025.
- Classification of publications into Scopus-indexed journals and conferences year wise

ACADEMIC YEAR WISE

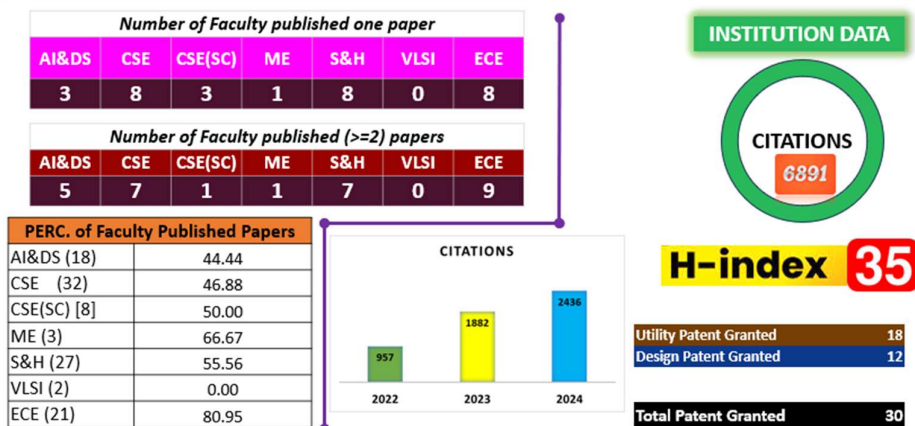


CALENDAR YEAR WISE



- The Principal appreciated the efforts taken by our faculty members to publish quality publications in scopus/WOS journals
- The Dean Research encouraged all the PhD faculty members to obtain Anna University Supervisor Recognition
- The Principals and Dean appreciated the efforts taken by the Research Coordinator in coordinating and maintaining all the research activities within the institution.
- The Principal motivated to apply for funding proposals for both events and research to various funding agencies consistently.
- The Dean insisted all the HoDs to encourage their respective faculty members to achieve the targets in publications/consultancy/ proposals and patents.

Number of Faculty Published Articles So Far (24-25)



1. Strategies for Enhancing Research Outcomes:

- Encouragement for faculty to include their work in relevant references.
- Formation of multidisciplinary research groups.
- Establishing collaborations with external research organizations and universities.
- Leveraging existing MoUs for collaborative funding opportunities.

2. Consultancy and Industry Collaboration:

- Emphasis on visiting industries to identify research project opportunities.
- Classification of industry-sponsored projects into major and minor categories.
- Exploration of consultancy projects with organizations holding active MoUs.

3. Targets for 2024-2025:

S.No	Dept	Number of Faculty	Number of Doctorates	Target Scopus & WOS	Target Consultancy (Rs.)	Target			
						Patent	RPS	Event Proposal	Industry Project
1	AI&DS	17	07	34	8,50,000	07	14	28	02
2	CSE	32	13	64	16,00,000	13	26	52	03
3	Cyber Security	07	02	14	3,50,000	02	04	08	01
4	ECE	21	08	42	10,50,000	08	16	32	02
5	MECH	03	03	06	1,50,000	03	06	12	-
6	S&H	27	20	54	13,50,000	20	40	80	-
7	VLSI	02	02	04	1,00,000	02	04	08	-
TOTAL		109	55	218	54,50,000	55	110	220	08

- Increasing publication count and citations.
- Securing more patents, both published and granted.
- Submission of additional funding proposals.
- Strengthening industry-academic linkages for research projects.

Training & Placement cell

A presentation was given on the Training and Placement Cell Activities by **Dr.C.Bibin, Training & Placement Coordinator**

Key Points Discussed:

- **Feedback Highlights:**

- **Positive Aspects:** Increased offers with higher packages, improved student performance in recruitment processes, and strong collaborations with top-tier recruiters.
- **Concerns:** Limited opportunities in specialized domains, insufficient participation in internships and contests, and gaps in coding, analytical, and emerging technology skills.

- **Challenges Identified:**

- Lack of proficiency in coding and problem-solving skills.
- Low participation in industry contests and events.
- Gaps between academic training and industry expectations.

- **Existing Initiatives:**

- Recognizing high performers.
- Daily practice platforms for coding and aptitude (Skillrack, iamneo, Codetantra).
- Advanced assessments and certifications, including TOEFL and technical skills training.

- **Action Plan for Improvement:**

- Focused training in coding, data structures, and algorithms.
- Strengthened communication skills with TOEFL preparation.
- Increased project-based learning and participation in innovation challenges.

- The Principal and the Deans appreciated the efforts of the Placement Coordinator for successfully conducting numerous placement drives during the academic year 2023-24 and the ODD semester of 2024-25.
- The Principal instructed the HoDs to monitor placement training and ensure that students complete their daily coding practice on the iamneo portal. He also emphasized increasing daily participation in coding platforms such as iamneo and Codetantra.
- The Principal and the Deans encouraged students recognized as High Performers and urged the HoDs to motivate them to secure placements in companies offering higher salary packages and to utilize the opportunities provided.
- The Principal highlighted the importance of the online feedback mechanism available for students to share their experiences with the placement trainers.
- The Dean advised the HoDs to inform students about the significance of German and Japanese language courses, which could enhance their chances of securing higher package offers.

<ul style="list-style-type: none"> ➤ Enhanced industry collaborations for internships and live projects. ➤ Organizing mock interviews, group discussions, and mentorship programs. ● Future Trends and Strategies: <ul style="list-style-type: none"> ➤ Certification in specific technical domains like AWS, Azure, and Google Cloud. ➤ Emphasis on practical skills and problem-solving over traditional qualifications. ➤ Conducting workshops on emerging technologies and offering real-world exposure through internships and projects. ● Actionable Steps: <ul style="list-style-type: none"> ➤ Organize workshops on coding and emerging tools. ➤ Enhance participation in hackathons, innovation challenges, and coding contests. ➤ Strengthen alumni network engagements for student mentorship. ➤ Develop sector-specific training modules to align with industry requirements. 	<ul style="list-style-type: none"> ● The Dean emphasized that all students should complete at least one cloud computing certification.
<p>Analysis of faculty and student participation and performance in NPTEL examinations for the Odd Semester (AY2024-2025) & Proposal for an action plan for the Even Semester (AY 2024-2025).</p> <p>Presenter: Ms R Jayabharathi</p> <p>Key Points Discussed:</p> <p>Department wise Enrollment details 2024-2025</p>	<ul style="list-style-type: none"> ● The Principal and Dean appreciated the coordinator for the significant increase in student participation and certifications in the NPTEL exams. ● He stressed the importance of thoroughly analyzing the reasons behind the discrepancy between the number of students registering for courses and those proceeding to enroll for exams.

Department	II Year	III year	IV year	Faculty
AIDS	123	125	-	17
CSE	223	180	172	26
CYS	60	60	-	7
ECE	124	119	106	16
MECH			23	3
S&H	-	-	-	10

Total Enrollment(Student + Faculty) : 1394

Total number courses Enrolled : 2184

Department Wise Registration Details 2024-2025

Department	II Year	III year	IV year	Faculty
AIDS	123	125	Nil	14
CSE	206	176	21	13
CYS	60	57	-	7
ECE	108	119	57	10
MECH	-	-	10	2
S&H	-	-	-	10

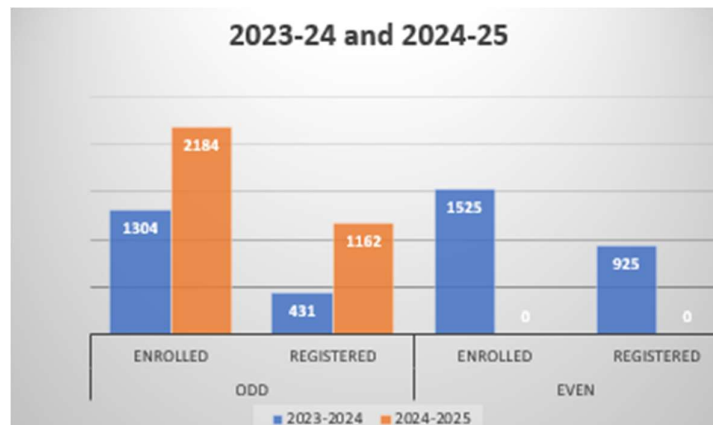
Total Registration(Student + Faculty) : 1118

Total number courses Registered : 1162

Note : Excluding First year and Final year

NPTEL Statistics for 2023-24 & 2024-25

- The principal insisted to regularly review NPTEL statistics (registrations, attendance, and certifications) and share department-wise progress reports during monthly faculty meetings.
- The Dean insisted to identify reasons for absenteeism (57 in September and 95 in October-November) and implement strategies to reduce it, such as regular reminders and support during exam preparation.



September 21 & 22 Examination

- Number of Candidates Registered:652
- Number of Candidates Appeared:595
- Absent :57
- Faculty count : 32

2024-25 (September) Certificate details

Certificate Type	Count	
No certificate	178	
Successfully completed	143	
Elite	161	
<u>Elite+Silver</u>	40	
<u>Elite+Gold</u>	5	
Total	527	349
Topper of 1% in this course	5	
Topper of 2% in this course	2	
Topper of 5% in this course	6	

Toppers List

Name	Department	Topper Status
Dr. INBA MALAR T M	ECE	Topper of 1% in this course
Narayanan p	ADS	
Akalya A	ADS	
Jemanus Alan JK	ADS	
Sarmila K	ADS	
Satheesh V E	CSE	Topper of 2% in this course
VAISHNAVI P	ADS	
Dr. M Balasubramanian	Mech	Topper of 5% in this course
Suhaa E V	ADS	
ARCHANA K C	ADS	
Jagan K	ECE	
Joel Samuel	ADS	
ARULMATHI G	ADS	

2024-25(OCT-NOV) Certificate details

- Number of Candidates Registered:509
- Number of Candidates Appeared:414

Certificate Type	Count
No certificate	127
Successfully completed	113
Elite	112
Elite+Silver	53
Elite+Gold	9
Total Certificates	287

Topper of 1% in this course	1
Topper of 2% in this course	3
Topper of 5% in this course	9

- Toppers List

<u>S.No</u>	Name	Department	Topper Status
1	DR S M <u>Udhaya Sankar</u>	CYS	Topper of 1% in this course
2	<u>Aathavan G</u>	CSE	Topper of 2% in this course
3	<u>Dharani s</u>	ECE	
4	ARCHANA J	ECE	
5	GOWRI SANKARI K	ECE	Topper of 5% in this course
6	Jai surya S	CYS	
7	CHAHAT SHARMA R	ECE	
8	Kalpana M	ECE	
9	Hariny Sri R	CSE	
10	Mohan Kumar S	CSE	
11	PRASANNA KUMAR M	CYS	
12	Muthumeena M	CYS	
13	Jayachandran J A	CYS	

Comparison Jan-April 24 and July-Dec 24

Semester	Present	Elite+ Gold	Elite+ Silver	Elite	S.C	Total	Topper	Points	Rating
Jan-April 24	816	3	38	143	177	361	13	740	Nil
July-Dec 24	941	14	93	273	256	636	26	1493	Yet to release

Tentative SPOC timelines - Jan-Apr 2025					
Event	4 Weeks - I	8 Weeks - I	12 Weeks	4 Weeks - II	8 Weeks - II
Start of course	Jan 20, 2025	Jan 20, 2025	Jan 20, 2025	Feb 17, 2025	Feb 17, 2025
End of course	Feb 14, 2025	Mar 14, 2025	Apr 11, 2025	Mar 14, 2025	Apr 11, 2025
Exam dates	Mar 22/23, 2025 2 Sessions on each date 9am-12 noon; 2pm-5pm		Apr 26/27, 2025 May 3/4, 2025 2 Sessions on each date 9am-12 noon; 2pm-5pm		
Possible additional exam dates	Mar 21, 2025		April 23, 24, 25, 2025 & May 2, 2025		
Open enrollment	Nov 15, 2024				
Close enrollment	Jan 27 2025 - 5pm			Feb 17 2025 - 5pm	
Open exam registration form	Dec 16, 2024 - 10am				
Close exam registration form	Feb 10, 2025 5pm / Feb 14, 2025 5pm			Feb 20, 2025 5pm / Feb 24, 2025 5pm	
Open Share Info form	Feb 5, 2025		Feb 26, 2025		
Close Share Info form	Feb 12, 2025		Mar 5, 2025		

Usage of Pragati Portal- Optimization of centralized data management for academic processes, utilizing real-time analytics to drive informed decision-making and initiatives to improve academic outcomes and provide counselling support.

Presenter -Dr R Siva Subramanian/ Pragati Coordinator

Key Points from the Presentation

1. Purpose of the Case Study:

- Highlighted how the Pragati application enhances student academic performance through timely interventions and data analysis.
- Addressed the issues before adopting Pragati:
 - Manual data entry errors and delays.
 - Lack of real-time insights into student performance.
 - Missed opportunities for early interventions for struggling students.

2. Solution through Pragati:

- A centralized system for recording academic and counseling data.
- Real-time analytics and performance dashboards.

- The Principal highlighted the significance of completing student transfers to the next semester, along with updating their course registrations, counsellor and year coordinator mapping prior to the semester's commencement to ensure a seamless academic transition.
- The Dean suggested to ensure the Pragati portal is actively used by all departments to standardize academic data management that could be used for NBA purpose for the previous Academic years.
- The principal and dean suggested to explore the possibility of integrating additional features, such

<ul style="list-style-type: none"> ○ Early identification of at-risk students using data insights. <p>3. Data Analysis:</p> <ul style="list-style-type: none"> ○ Focused on two perspectives: <ul style="list-style-type: none"> ■ Student mark analysis for 2023-2024. ■ Efficiency of Pragati in terms of usability. ○ Data included: <ul style="list-style-type: none"> ■ Approximately 25 counselling students per faculty across six subjects. ■ Three counseling sessions per semester. <p>4. Key Observations (2023-2024):</p> <ul style="list-style-type: none"> ○ Continuous feedback and assessments contributed to gradual improvement in student performance. ○ Counseling sessions and timely performance tracking led to better final exam results. ○ Real-time data insights enabled early detection of at-risk students. ○ Reduction in arrears and overall improvement in academic performance. <p>5. Efficiency of Pragati Application:</p> <ul style="list-style-type: none"> ○ Significant academic improvements across subjects. ○ Reduction in manual errors. ○ Enhanced time efficiency and user satisfaction. <p>6. Summary of Findings:</p> <ul style="list-style-type: none"> ○ Timely identification and intervention for underperforming students. ○ Effective counseling sessions and real-time tracking of student progress. ○ Positive user feedback and reduced administrative burden. 	<p>as predictive analytics and Database management system for better student support.</p>
<p>Usage of RMK Next Gen App - Evaluation of feedback to identify areas for quality improvement and Strategies to enhance student and faculty engagement through assessments and other tools.</p> <p>Presenter: Dr G Indra/RMK Next Gen Coordinator</p> <p>Key Points Discussed:</p> <p>Assessment Strategies:</p>	<ul style="list-style-type: none"> ● The Principal emphasized the importance of transferring students to the next semester along with their updated course registrations before the semester begins to ensure a smooth academic transition.

- Objective and Subjective Assessments were introduced for theory courses.
- Weightage distribution for assessments (Total: 40 marks):
 - **Tests:** Average of the best 2 out of 3 tests (FIAT, SIAT, Model) – 20 marks.
 - **MCQs:** 5 marks.
 - **Assignments:** 5 marks.
 - **Mini Projects:** 5 marks.
 - **Attendance:** 5 marks.

Student Analytics:

- Monitored parameters include:
 - Total number of tests and submissions.
 - Minutes spent and effective time utilization (ETU).
 - Performance comparisons and topic-wise analysis.
- Detailed assessment reports to include rank, score, class average, and top score metrics.

Faculty Feedback:

- Feedback is collected via RMKNEXTGEN Portal by individual student logins.
- Feedback follows a planned Teaching-Learning Process.
- HoD will analyze the feedback and discuss with faculty to implement remedial measures if required.
- Corrective measures include arranging FDPs, guest lectures, and encouraging faculty to attend workshops/seminars.

Coding Assessments:

- Detailed demonstration of conducting coding assessments in the RMKNEXTGEN portal.
- Step-by-step process to create new coding assessments highlighted.

Evaluation and Implementation:

- The Principal suggested scheduling student feedback during the mid-semester to facilitate timely insights into the Teaching-Learning Process and implement necessary improvements.
- It was instructed to regularly monitor and analyze both student and faculty engagement using the analytics feature in RMKNEXTGEN to identify areas of improvement.
- Schedule training and workshops as corrective measures for faculty improvement.
- The meeting underscored the need for seamless integration of feedback mechanisms into the Teaching-Learning Process, ensuring continuous quality improvement based on student inputs.

<ul style="list-style-type: none"> • The department coordinator will schedule feedback sessions and provide notifications via the portal. • Analysis reports accessible through HoD login. • Faculty performing above the threshold to be appreciated by HoD. 	
<p>NSS & YRC Activities - Review of activities conducted during the Odd Semester of AY 2024-25 and formulation of an action plan for outreach programs in the Even Semester of AY 2024-25.</p> <p>Presenter: Mr. T. Sundareswaran T - NSS Coordinator</p> <p>Key Points Discussed</p> <ol style="list-style-type: none"> Motto of NSS: <ul style="list-style-type: none"> ○ Emphasized the guiding principle: "Not Me But You," fostering selfless service, democratic values, and consideration for others. Overview of Basic NSS Activities: <ul style="list-style-type: none"> ○ Regular programs include tree plantation, blood donation camps, health awareness rallies, and medical camps. ○ Community outreach through stage shows, processions, and awareness competitions (e.g., essay and poster-making). Key Events and Dates: <ul style="list-style-type: none"> ○ Anti-Drug Pledge: <ul style="list-style-type: none"> ■ Conducted on August 8, 2024. ■ Proposed essay writing contest on December 8, 2024. ○ Tree Plantation Drive: <ul style="list-style-type: none"> ■ Celebration scheduled on September 20, 2024. ○ SDG-16 Awareness: <ul style="list-style-type: none"> ■ Elocution contest on October 5, 2024, focusing on peace, justice, and strong institutions. ○ Yoga and Meditation: 	<ul style="list-style-type: none"> • The Dean insisted to conduct the YRC/NSS activities in alignment with the SDG Goals • The Dean and Principal insisted to plan more activities with tentative dates of plan and to complete as many activities as possible for each academic year. • Finalize the schedule and resource allocation for proposed events. • Ensure collaboration with local healthcare providers and organizations for medical camps and blood donation drives. • Develop promotional materials for contests and awareness programs. • Coordinate with faculty mentors for smooth execution of activities. • Evaluate the impact of NSS & YRC activities through periodic reviews and feedback.

- December 2024: Proposed activities include basic yoga exercises, breathing techniques, and meditation sessions for well-being.
- **Medical Camp:**
 - January 2025: Activities include vision check-ups, BP monitoring, blood sugar testing, and BMI assessments.
- **Motivational Blood Donation Program:**
 - Scheduled for January 2025 to encourage active participation.
- **Safe Driving and First Aid Awareness:**
 - February 2025: Includes fire safety demonstrations, healthy habits workshops, and first aid training.
- **Blood Donation Camp:**
 - Planned for March 2025.
- **Stress Management Workshop:**
 - April 2025: Targeted at improving the well-being of students and faculty members.

Address by the Principal:

The Principal welcomed all the IQAC members and commended the HoDs and Coordinators for their excellent presentations. He encouraged the HoDs to motivate students to consistently excel in internal exams and focus on long-term goals to enhance their performance in the End Semester Examinations, aiming for 100% graduation rates in their respective departments.

The Principal instructed the NBA Coordinators to ensure timely completion of all documentation and requested the NSS Coordinator to increase the number of activities planned for 2024-25.

Additionally, he suggested exploring the integration of advanced features, such as predictive analytics and a database management system, into the Pragati portal to enhance student support. Lastly, the Principal emphasized the need for designating alternate coordinators to ensure seamless presentations in case of the primary coordinator's absence, making it a standard practice moving forward.

Address by the Dean Academics:

The Dean Academics extended his greetings to all IQAC members, HoDs, and coordinators. He acknowledged and appreciated the efforts of the coordinators for their contributions and encouraged them to achieve greater accomplishments for the institution, particularly in securing NBA accreditation. He also commended the NAAC and NBA coordinators for their diligent work in consolidating documentation.

The Principal and the Deans appreciated the efforts made by the department NBA coordinators, the HoDs of ECE and CSE, and the respective department faculty members in preparing the NBA SAR documents and they insisted the coordinator to complete the uploading process before 10-01-2025.



Copy to:

- The Chairman//Vice-Chairman/Advisor for kind information
- All HODs, Academic Coordinator
- Administrative Officer
- All Cell conveners,
- NBA & NAAC Coordinator
- All faculty members

RMKCET/COM/RF/04



N/ 21/12/24
Principal
Convener-IQAC

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