



# R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution)  
RSM.NAGAR, PUDUVOYAL - 601206

## IQAC MEETING

### First Meeting of the Academic Year 2023 - 2024

Date : 27.09.2023  
Time : 10.30 AM  
Venue : MB Board Room

### DISCUSSIONS

#### Welcome Address:

The IQAC Coordinator, Dr.Chettiyar Vani Vivekanand, welcomed the members for the first IQAC meeting of the year 2023-2024 and stated the Agenda of the meeting. A short review of previous meeting was given by IQAC Coordinator.

#### Agenda of the meeting

- |   |                   |
|---|-------------------|
| 1. Action Plan –  | All HoDs          |
| • To place students with 10LPA and more                               |                   |
| • Technology identified for high package                              |                   |
| • To identify expectation of high package companies, from students    |                   |
| • Major/Minor Degree offered Details                                  |                   |
| 2. Parameters and Focus areas to bring RMKCET within 100 Band in NIRF | Dr K G Shanthi    |
| 3. Autonomous NBA formats-Tier I                                      | Dr T M Inbamalar  |
| 4. Current status of research activities                              | Dr C Arun         |
| • To Increase number of publications and citations                    |                   |
| • Research Projects/Sponsored Events                                  |                   |
| 5. Career Development Centre - Status and Plan of Action              | Dr C Bibin        |
| 6. IDEA Lab - Status and Plan of Action                               | Dr S Senthilkumar |
| 7. Address by Principal and Dean                                      |                   |

DISCUSSIONS	REMARKS/ACTION TO BE TAKEN
<p><b>AIDS Department:</b>  <b>Dr.B Prathusha Lakshmi, HoD has given a presentation on the strategies to place the students with 10 LPA Lakhs or more, Technology identified for higher packages, Expectations of high package offering companies from students and Honours/Minor Degree Offered by the department.</b></p> <ul style="list-style-type: none"> <li>• <b>Technology identified for higher packages - AI and ML Technologies</b> like Scikit Learn, Tensorflow, Caffe, Keras, PyTorch, <b>Data Analytics Technologies</b> like Python, R, Jupyter Notebook, Apache Spark, SAS, Microsoft Power BI, Tableau, <b>Block chain Technologies</b> like Solidity, Ethereum, Solc, Truffle, Ganache, Metamask, <b>Cloud computing Technologies</b> like Google Cloud Platform (GCP), AWS, Microsoft Azure, Salesforce, IBM Cloud, Oracle Cloud.</li> <li>• <b>Strategies to place the students with 10 LPA Lakhs or more-</b> Using industry resource persons for hands-on training for the aforementioned technologies, Encourage them to complete the projects using the trained technologies, Encourage students to pursue certification in specific technologies, Encourage students to pursue internships that are related to the trained technologies.</li> <li>• <b>Expectations of high package offering companies from students-</b> Excellent Communication Skills, Good Aptitude Skills, Motivate the students to take up Weekly Aptitude test in skillrack. Good Knowledge of Programming language (Like Java or Python Full Stack ), Improve rank(badges) in one of competitive coding sites( suggestion codechef, hackerearth or hakerrank), Contribute in open source world and show their work on github. Develop few Projects before the placement starts. Learning some Development tools. Use of LinkedIn(or other social media) properly for show case their Skills. Motivate the students to learn foreign languages.</li> <li>• <b>Honour and Minor degree offered by the department include-</b> Advanced Analytics, Artificial Intelligence and Data Science.</li> </ul>	<ul style="list-style-type: none"> <li>• The Principal suggested to improve the SQL and coding capacity of the students.</li> <li>• The Dean insisted to conduct NLP courses for the students and give them exposure to current technologies</li> </ul>

Advanced Analytics, Artificial Intelligence and Data Science, Computational Intelligence Advanced Analytics, AI and Cloud Computing, Computational Intelligence, Intelligent Healthcare, AI and Cloud Computing, Cyber Security and Intelligent Healthcare respectively

**CSE Department:**

**Dr. P Valarmathie, HoD of CSE has given a presentation on Profile of the Department, Academic Performance in the academic year 2022-2023, Placements Statistics of current batch and previous batch students, Implementation strategies for Training and Placement to place students above 10LPA, Honour and Minor Degree offered by the department.**

- **Academic Performance in the academic year 2022-2023**– was briefed with result percentage of 83.55% the Academic Year 2022-2023 Odd Semester and with result percentage of 92.64% for the Academic Year 2022-2023 Even semester.
- **Placements Statistics of current batch and previous batch students were presented**

2018-22		2019-2023	
Total Students :	175	Total Students :	120
Eligible Students :	131	Eligible Students :	104
Opted for Higher Studies:	30	Opted for Higher Studies :	16
Total Students Placed :	118	Total Students Placed :	102
No. of students who got more than Rs.5 lakhs :	59	No. of students who got more than Rs.5 lakhs :	32
(Kaar, Zoho, Boson Motors, Temenos, Sophra Steria, Virtusa)		(Kaar, Zoho, Boson Motors, Temenos, Sophra Steria, Virtusa)	
<b>Placement % = 90.08%</b>		<b>Placement % = 98.07%</b>	

- The Principal suggested to give a detailed schedule of all the placement training activities that are to be scheduled to the students.
- The Dean suggested to identify a mechanism to improve the conversion of students in coding test.

<ul style="list-style-type: none"> <li>• <b>Implementation strategies for Training and Placement</b> - Specialized training for students will be arranged to make them to be strong in <b>Data Structure And Algorithm, Fundamentals And Its Application, Tech Talk@9 Strategy</b> will be implemented through which every first hour each 3 students in a class should talk about any technological innovations for 3 minutes. This Strategy will improve communication skills and Students can face the interviews with high confidence</li> <li>• <b>To place the students with an annual package of Rs.10 Lakhs or more-</b> Peer Training for the placement eligible student by the placed students, Providing <b>Company Specific training</b> to the students, <b>Motivation talk by Alumni</b> from company with high wage packages.</li> <li>• <b>Expectation of High Package offering Companies from students</b> –Good projects, Profile in LinkedIn and Github, Ability to solve the problem with optimal solution, Ability to articulate ideas well and the Ability to understand the problem and requirements</li> <li>• <b>Honour and Minor degree offered by the department include-</b> Data Science, Cybersecurity and Internet of Things respectively</li> </ul>	
<p><b>ECE Department:</b>  <b>Dr. Gangatharan N, HoD of ECE has given a presentation on Action plan to place the students with an annual package of Rs.10 Lakhs+, Technology identified for placements with higher packages, Expectations of high package offering companies from students, Honour and Minor degree offered by the department include.</b></p> <ul style="list-style-type: none"> <li>• <b>Action plan to place the students with an annual package of Rs.10 Lakhs+-</b> learn at least three programming languages, Practice Skillrack daily to upgrade their level. Learn “Competitive Coding” from various sources. Have “coding experience” (Ex: Leet code, Hackerrank etc..) .Learn anyone popular Database, Participate in various coding competitions, Study the concepts thoroughly, Do peer</li> </ul>	<ul style="list-style-type: none"> <li>• The Principal suggested to give a detailed schedule of all the placement training activities that are to be scheduled to the students.</li> </ul>

learning and be strong in DSA (Data structures & Algorithms). Get motivated by knowing the opportunities available in our group of institutions. Be thorough in Front end/Full stack/App Development/Back end etc.. Have positive attitude.

- **Technology identified for placements with higher packages include**

- Full stack development
- Cloud computing/Cloud technology and IoT
- Project/App/Web development
- AI, Machine Learning/Deep Learning
- Blockchain Technology
- Cybersecurity
- 5G/VLSI

- **Expectations of high package offering companies from students**

- Excellent analytical and logical skills, Excellent coding skills and knowledge in some recent technologies (AI, Cloud computing, Robotics, IoT etc..). Excellent programming and conceptual knowledge. Clear understanding of basic concepts and subjects (ECE), Excellent communication skills, Very good attitude, Excellent learning ability, Adaptability towards various situations, Focus towards the goal and Continuity in the work progress and Obedience

- **Honour and Minor Degree offered by the department.**

- Minor Degree offered by ECE to other Departments (AIDS and CSE) -IOT
- Minor Degree offered to ECE by other Departments - Artificial Intelligence and Cybersecurity

**CSE-CS Department:**

Dr.S.M Udhaya Sankar, HoD of CSE-CS has given a presentation on target to place 80% of students in super dream companies through Skillrack Assignments Monitoring, Coding Contests and Hackathons, Promoting Competitive Programming through Platforms like geeksforgeeks, Hacker

- The Principal suggested to give a detailed schedule of all the placement training activities that are to be scheduled to the students.

Rank, Leet Code, Code Chef, and Code Forces which helps in improving problem-solving skills. Conduct personality Development Workshops to improve communication skills, leadership qualities, and confidence levels. Conduct mock interviews to prepare students for the placement process. This can help them gain confidence and refine their interviewing skills.

- He insisted that students should be very strong in Data Base and Data Structure fundamentals.
- He also insisted that question paper setting mechanism should be very strong.

#### **NIRF**

**A presentation was given by Dr K G Shanthi on the Parameters and Focus areas to bring RMKCET within 100 Band in NIRF.**

- Comparison of scores for previous years NIRF ranking.
- Pre-Registration NIRF Ranking 2024
- NIRF Ranking 2022 In the band 201-250
- NIRF Ranking 2021 In the band 251-300
- NIRF Ranking 2020 In the band 251-300
- Comparison of NIRF scores of REC, SKCET
- Summary of Ranking Parameters include Teaching, Learning & Resources (TLR), Research and Professional Practice (RPC), Graduation Outcomes (GO), Outreach and Inclusivity (OI) and Perception.
- Shortcomings for NIRF ranking includes less Median Salary, less Women Diversity, less Faculty retention, less Number of Faculty with PhDs, Percentage of Students from other States/Countries is less, Perception to be done exhaustively and Percentage of UG students being provided full tuition fee reimbursement by the institution to pursue their degree programs is less.
- Action plan to bring RMKCET within 100 Band in NIRF are to increase the number of Faculty with PhD, median Salary should be increased, Women Diversity to be increased. 50% women students. Faculty retention to be considered, increase the percentage of Students from other States/Countries. Perception to be done exhaustively and to increase the count of Economically and Socially Challenged Students (ESCS).

**NBA**

A presentation was given on the Autonomous NBA formats-Tier I by Dr T M Inbamalar

- NBA Tier-I & Tier – II Evaluation Comparison
- NBA Audit report of CSE and ECE
  - Findings and suggestions
  - Accreditation upto 30-06-2025
  - To upload SAR in 2024
  - PO attainment to be calculated for batches
    - CAY -2024-25 (2021-25)
    - CAY M1 - 2023-24 (2020-24)
    - CAY M2 - 2022-23 (2019-23)
    - CAY M3 - 2021-22 (2018-22)
- Faculty members shall be asked to complete at least one Nptel/SWAYAM course related to Outcome Based Education
- Faculty members shall be asked to attend one FDP in NITTTR related to Outcome Based Education
- Orientation programs to be organized at least once in a semester by NBA coordinators of respective departments to disseminate the vision, Mission, PEOs, Pos and PSOs
- Criteria 5 – Faculty requirements to be monitored periodically and to maintain required ratio as per NBA requirements
- Documentation for mentoring, Quality of Student Projects, Visiting/Adjunct/Emeritus Faculty

**CDC**

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

- Placement Statistics for 2019-2023 Batch- overall 89.77% of placement achieved
- Placement Statistics for 2020-2024 Batch- overall 20.65% of placement achieved
- Department wise Summary for 2019-2023 Batch-  
CSE-9.86%  
ECE-38.89%  
MECH-10.81%

- The Principal insisted to train yet to be placed students and they should get placement in this academic year

<p>AI &amp; DS-19.23%</p> <ul style="list-style-type: none"> <li>• Department wise Summary for 2020-2024 Batch- CSE-90.08% ECE- 90.08% EEE- 86.96% MECH- 89.29%</li> <li>• Interview Status for 2020 - 2024 Batch- 25 companies visited as on date.</li> <li>• Summary of Training Programmes for the Academic Year 2023-2024 for faculty – 25 programmes conducted so far.</li> <li>• Summary of Training Programmes for the Academic Year 2023-2024 for students– 46 programmes conducted so far and 13 programmes planned.</li> </ul>	<ul style="list-style-type: none"> <li>• The Dean insisted in placing all the students and placing the students with a package more than 10 LPA.</li> </ul>
<p><b>Research Cell</b> <b>Presentation by Overall Research Cell Coordinator</b> The Research Coordinator <b>Dr. C. Arun</b> presented department wise and overall report on research activities completed so far</p> <ul style="list-style-type: none"> <li>• WOS Publication Status</li> <li>• Scopus Publication Status</li> <li>• Patent Published/Granted Status</li> <li>• Funding Proposals Submitted Details</li> <li>• Consultancy Projects Received Status</li> <li>• Vidwan Portal – Department wise and Overall College Report</li> <li>• Overall Fund received by each department</li> </ul>	<ul style="list-style-type: none"> <li>• The Principal motivated to apply for funding proposals for both events and research to various funding agencies consistently.</li> <li>• The Dean insisted all the HoDs to encourage their respective faculties to achieve the targets in publications/consultancy/ proposals and patents.</li> </ul>
<p><b>A presentation was given on IIC and EDC activities by Dr.P.K.Devan, IIC Coordinator</b></p> <ul style="list-style-type: none"> <li>• Second Council meeting held on 25.02.2023 has approved IIC Semester II activities.</li> <li>• To conduct and upload the above approved IIC activities.</li> <li>• To conduct second Exposure visit for ATL Schools in the month of June'23.</li> <li>• To participate in YUKTI Innovation Challenge 2023 (YIC 2023).</li> </ul>	<ul style="list-style-type: none"> <li>• The Principal appreciated the activities conducted by the IIC and EDC</li> <li>• The Dean encouraged all the HoDs to support IIC cell and increase the number of startups</li> </ul>



<ul style="list-style-type: none"> <li>• To nominate 10 teams for YIC 2023. Last date 15th April</li> <li>• To submit patents for grant from MoE/AICTE under KAPILA Scheme</li> <li>• To identify students and motivate them to go for startups.</li> <li>• Number of Faculty startups to increase from 8 to 12</li> </ul>	
<p><b>AICTE- IDEA LAB</b>  <b>A presentation was given on the AICTE- Idea lab Activities by Dr S Senthil Kumar.</b></p> <ul style="list-style-type: none"> <li>• The primary necessity of the IDEA lab is to bring all the facilities under one roof.</li> <li>• He informed that on 29/09/2023 a group of school students is visiting the Idea lab.,</li> <li>• He also informed the scope and opportunities of the Idea Lab.</li> <li>• He also requested all to encourage students to actively participate in the activities conducted by the Idea lab.</li> </ul>	<ul style="list-style-type: none"> <li>• The Vice chairman said that the product development lab forms the basis for design thinking and problem identification.</li> <li>• UBAT scheme can be used for problem identification.</li> <li>• Problems faced in the institution can be worked in the Idea lab.</li> <li>• He also insisted that students will be given exposure to product development till 4<sup>th</sup> semester and in the end of 4<sup>th</sup> semester they will be able to develop a product and which will indirectly inculcate entrepreneur skill on the students</li> <li>• He also insisted that RMKCET ranking should be in Top5 in AICTE ranking for Idea lab</li> </ul>
<p><b>Address by the Principal:</b>  Principal greeted all the members of the IQAC and appreciated HoDs and Coordinators for their excellent presentation. Principal sir insisted to take a little more effort to train the students for placement. He also said that students must be trained from II year for placements. He suggested to give a detailed schedule of all the placement training activities that are to be scheduled to the students from all the departments. He also insisted that the students need to be motivated to use skillrack platform regularly. He also requested the counsellors to talk regularly to the students' parents regarding their wards skillrack performance. He insisted that the students should be very vibrant and open to learn. Regarding the AICTE Idea lab, he requested its coordinator to conduct all the programs on time as per the requirement.</p>	
<p><b>Address by the Dean: Dean- Research,</b> informed that the students are not realising their own responsibility and it is the responsibility of the counselor to develop the same through frequent communication with the students and their parents. He also insisted that students should actively participate in all the placement related activities conducted by the department. He also said that proper exposure regarding latest technologies has to be given by their faculties. He also informed that in NBA Tier-I research part is more important. He also insisted that curriculum development, design and structure of the curriculum must be concentrated more. He also insisted that in the next meeting</p>	

EDC should be included. He also informed that all the outcomes i.e. placement entrepreneurship and higher studies should be given equal importance.

**Address by the Vice Chairman:**

**The Vice chairman covered the following points in his address**

- Main purpose of the IQAC is to identify the minor issues and show continuous improvement in quality of the students and quality of institution.
- He insisted that the success of students is success of institution.
- Knowledgeable degree is the key for success of the institution.
- As 40% of the syllabus is provided by the knowledge partner, our students are 3 years ahead of experience than other students graduated from other institutions.
- He also informed that skill rack participation is purely dependent on the counsellor's interaction with the students, on an average a counsellor is expected to talk to 5 to 7 students per day.
- He also said that there is a degradation in the count of students getting placed with higher packages and that has to be addressed.
- He also insisted that our thinking and working should be towards NEP policy.
- RMKCET should be research and degree awarding institution.

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

*Amir*



*Dr. K. Ramar*  
27.9.23  
Principal  
Convener-IQAC

**Dr. K. RAMAR** B.E. M.E. Ph.D., FIE  
PRINCIPAL  
R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY  
PUDUVOYAL, GUMMIDIPOONDI TALUK - 601206.

*Members Attended:*

Name	Designation	Signature
Dr.K. Ramar	Principal, Convener -IQAC	R 27.5.23
Dr.K. Sivaram	Dean- Research	K. Sivaram
Dr. P Valarmathie	HOD – CSE	P. Valarmathie
Dr.N.Gangatharan	HOD – ECE	N. Gangatharan
Dr.M.Balasubramanian	HOD – MECHANICAL& NAAC Coordinator	M. Balasubramanian
Dr. B. Prathusha Laxmi	HOD - AI& DS	B. Prathusha Laxmi
Dr.K.A Selvakumaran	HOD - S&H	K.A. Selvakumaran
Dr.T.M.Inbamalar	NBA Coordinator	T.M. Inbamalar
Dr.K.G.Shanthi	NIRF Coordinator	K.G. Shanthi
Dr.C.Arun	Convener- Research & Development Cell	C. Arun
Dr G.Devi	Academic Coordinator	G. Devi
Ms. J Gana Jeslin	IQAC-Department Coordinator& IQAC Co-Coordinator -CSE	J. Gana Jeslin
Ms. S.Seshavidhya	IQAC-Department Coordinator – ECE	S. Seshavidhya
Dr.Karthick K	IQAC-Department Coordinator - MECHANICAL	K. Karthick
Ms.A.Jency	IQAC-Department Coordinator - AI& DS	A. Jency
Dr.Sakthi R	IQAC-Department Coordinator - S& H	S. Sakthi
Dr.N Dharini	IQAC-Department Coordinator - CS Cyber Security	N. Dharini
Dr.C.Bibin	Convener- Career Development Centre	C. Bibin
Dr.S.Senthil Kumar	Convener- Higher Education Cell, IDEA Lab Coordinator	S. Senthil Kumar
Dr.Chettiyar Vani Vivekanand	Coordinator –IQAC	V. Vivekanand