R.M.K. ENGINEERING COLLEGE

(An Autonomous Institution)
R.S.M. Nagar Kavaraipettai - 601206

MINUTES OF THE 20th IQAC MEETING HELD AT 13:30 AM ON 11-12-2021
Venue: RJ Block Seminar Hall-II

Preamble:

1. Dr. K.A.MohamedJunaid   -   Principal and IQAC Convener
2. Dr. Elwin Chandra Moni   -   Dean Research
3. Mr. B. Kumar   -   Manager, RMKEC
4. Dr. S.Pavai Madheswari   -   Academic Coordinator & HoD- S&H
5. Dr.Binu Sukumar   -   HoD - CE
6. Dr.T.Sethukarasi   -   HoD - CSE
7. Dr.Geetha Ramadas   -   HoD -EEE
8. Dr.T.Suresh   -   HoD- ECE
9. Dr.K.R.Senthil Kumar   -   HoD-MECH
10. Dr. M.SheerinBanu   -   HoD- IT
11. Dr. Sandra Johnson   -   HoD - ADS
12. Dr. K.ChidambaraThanu   -   HoD – CSBS
13. Dr. K. K. Sivagnana Prabhu   -   Head, Training and Corporate Affairs
14. Dr.V.Srinivasan   -   Prof-S&H & CoE
15. Dr. A. Kadirvel   -   Prof/MECH, Transport-in-charge
16. Dr. M. Seenivasan   -   Chief Librarian
17. Dr. S.D.Uma Mageswari   -   ASP / S&H and Higher Education Coordinator
18. Dr. M.Somasundaram   -   Prof/ECE
19. Dr. S. Vijayalakshmi   -   Professor/ EEE
20. Dr. Murali Krishna T   -   Assoc. Prof. / Civil
21. Dr. G. Mahendran   -   Assoc. Prof. / MECH
22. Mr. K. Vijayanand   -   Assoc. Professor /EIE
23. Ms. R.Samyugdha   -   IV Year / CSE / RMKEC
24. Mr. JehanCharle   -   Brand Manager,Kellogg's Tolaram Nigeria Limited
25. Mr. J. Venkatesh   -   Operations Manager,Capegemini, Bangalore
26. Mr. M.P. Somasekar   -   Programme Manager, GE Power Conversion, Chennai
27. Mr. M.Siva   -   Manager- Projects, Cognizant
28. Ms. K. Sathiarekha   -   Senior Programmer Analyst,Zifo R&D Solutions, Chennai

The IQAC meeting was conducted under the chairmanship of Dr. K.A.Mohamed Junaid, Principal and IQAC Convener

1.REVIEW OF PREVIOUS MEETING

➢ Dr. M. Somasundaram reviewed the following points in the presence of all the IQAC members

✓ IQAC 13th IQAC meeting was conducted on February 20, 2020 in physical mode in the college campus

✓ IQAC 14th to 19th meetings were conducted through online mode between May 2020 to May 2021 due to lock down period.

✓ Steps were initiated and progresses made with respect to the following during May 2020 – May 2021.

- ❖ Introducing new UG programs
- ❖ Applying for Autonomous status
- ❖ Initiating the Establishment of the RMKEC calibration center
- ✓ Suggestions were made, but could not be pursued due to the pandemic period
    - ❖ Discussions on improving the college branding and celebration of the 25th anniversary
    - ❖ Preparations of R&D brochures and to circulate it to do industry consultancy activities.
    - ❖ Proposals to NAAC for conducting seminars
    - ❖ Plan to get sponsorship from MSME to start incubation center

2. ACTION TAKEN REPORT ON PREVIOUS MEETING

- ➢ Dr. M. Somasundaram presented the action taken report on previous meeting as follows
    - ✓ NAAC Accreditation is extended from September 2022 to December 2025
    - ✓ NBA Accreditations for 3 departments (CSE, ECE and EIE) were extended by 1 year to June 2022
    - ✓ 2 new UG Programs started in 2020-2021 (B.Tech. - Artificial Intelligence and Data Science and B.Tech. - Computer Science and Business Systems) and 1 new UG Program in 2021 – 2022 (B.E. - Computer Science and Design)
    - ✓ Conferred with Autonomous Status and necessary procedures were implemented. Framing the New curriculum and syllabus, conducting Board of Studies meetings, Academic Council meetings, establishing Controller of Examination (CoE) office with members.
    - ✓ AI powered Learning Platform (RMK Nextgen) has been introduced which gives highly personalized learning experience to the students based on their strengths and weakness. Faculty can continuously track students' conceptual learning, Engineering Attributes, career alignment, and their holistic progress.
    - ✓ Calibration center established
    - ✓ Mentoring other institutions for NBA and NAAC accreditation;
    - ✓ Research Coordination activity initiated with regular department and college level reviewing, targets set and being monitored
    - ✓ Improvements in Training & Placement
        - ❖ All activities conducted through online successfully
        - ❖ New companies visited for campus placement: eg. Accenture, Lister, Wiley, Likewise
        - ❖ Average salary increased from 3.85 LPA (2020) to 4.43 LPA (2021)
        - ❖ Day1 Placement of 2022 Batch

Company Name	No of students Placed
Cognizant	236
Wipro	162

Accenture	97
Tata Consultancy Services	85
Total	580

MAJOR LAURELS AND ACHIEVEMENTS OF THE COLLEGE

➢ Principal summarized about the major laurels and achievements of the institution and contribution of Rs.1 Crore and 8 lakhs by the Institution Chairman Shri. R.S.Munirathinam towards the Tamil Nadu Chief Minister's COVID relief fund on 11.6.2021 on behalf of the Management and faculty of the institution and Rs 10 lakhs towards Tamilnadu Hindu Religious and Charitable Endowments Department (TNHRCE) general fund.

3. ACADEMICS

➢ Principal elaborated the activities related to academics as given below

a. Unique features of Autonomous Regulations 2020

b. Department wise syllabus revision carried out and approved by Board of Studies and Academic council for the academic year 2021-2022

c. Academic Calendar highlighting the dates of commencement of classes, internal assessment tests, class committee meeting and Model Exam along with salient features of new lecture Plan implemented from the academic year 2021-2022.

d. Number of workshops and webinars/Guest lectures conducted in the academic year 2020-2021

e. Industrial visits/ Mini projects/ internships/ student projects completed in the academic year 2020-2021

f. New courses introduced across all the U.G and P.G Programmes offered during the year

g. Value-added courses has been offered by all the departments through center of excellence & UHV Program for imparting transferable and life skills during the year 2021-2022

h. New initiatives for enhancing Teaching and learning process - Digital Course Materials, AI Powered Learning Platform – RMK Nextgen, AICTE Idea lab establishment and plan of action.

i. Achievements of students

j. Procedures for Academic Audit

k. New Infrastructure and Learning Resources has been developed using MODROBS by EEE, ECE, EIE and MECH for Rs 36,21,438.

l. Variation in Intake for existing UG Courses and Introduction of Additional UG Programmes in 2021-22 - As per the approval received for additional UG courses in previous Governing council Meeting, B.Tech. - Computer Science and Design with an intake 60 is introduced in the academic year 2021-2022. It has been decided to reduce the intake in the UG courses in 2020-2021 for the following courses and approved by Anna University.

B.E. – Civil Engineering from 60 to 30

B.E. – Electronics and Instrumentation Engineering from 60 to 30

m. Number of Professors, Associate Professors and Assistant Professor in each department for the academic year 2021-2022 is presented.

4. (i) PLACEMENT

➤ Dr. K. K. Sivagnana Prabhu, Head, Training and Corporate Affairs, updated on the following Training and Placement activities:

✓ Placement Training Programs planned and completed for first, Third, Fifth and Seventh semester students during the Odd semester 2021-2022.

✓ Number of students placed and number of companies visited the campus as on 11.12.2021 for the 2022 Batch.

✓ Number of students placed in higher salary package in 2022 Batch.

✓ Presented the following awards received

❖ SHL (formerly Aspiring Minds) awarded the National Employability Award for being among the top 10% campuses in their state

❖ Virtusa has awarded Long term relationship award towards running Virtusa campus CoE programme successfully for the last 5 years

(ii) Higher Studies

➤ Dr. S.D. Uma Mageswari, ASP/S&H, updated on the following Higher Education activities:

✓ Presented the 17 webinars conducted by the Higher Education Cell from May 2020 to October 2021.

✓ Universities participated in Two Virtual Education fair organized by Higher education cell.

✓ New MoUs registered with The State University of New York, Binghamton New York, U.S.A in the current academic Year

✓ Higher studies statistics with number of students pursuing higher studies in India and abroad.

(iii) Entrepreneurship

➤ Dr. N.M. Jothi Swaroopan, Prof./EIE, updated on the following Entrepreneurship activities:

✓ Activities of the Entrepreneurship Cell, IIC, Incubation Center, IPR Cell, RMK Startup Programme and ARIIA etc., with number of programs conducted in the current academic year.

✓ Entrepreneurship statistics for the year 2020-2021.

5. RESEARCH AND DEVELOPMENT

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

✓ Journal Publication by the individual departments and overall, by the institution in SCI, WoS, Scopus and UDC Care indexed journals for the past five years.

✓ Number of Patents Applied/Published/Granted by the individual departments for the past five years.

- ✓ Research Projects submitted / received by the individual departments.
- ✓ Consultancy Projects completed by the individual departments.
- ✓ Ph.D Pursing/ Completed by the faculty of all the departments.
- ✓ Conferences organized/attended by the individual departments
- ✓ Incentive Policies for Promoting Research Activities
- ✓ Projects funded by college to the individual departments

EXTRA-CURRICULAR AND CO-CURRICULAR ACTIVITIES OF STUDENTS

- ➢ Principal mentioned the following Extra-Curricular and Co-Curricular activities of Students:
  - ✓ 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. to fulfill the SDGs.
  - ✓ Outreach Programmes Planned (NSS/YRC, Swachh Bharat, Gender Sensitization) for inculcating the Co-Curricular interests among the students.

RANKING AND ACHIEVEMENTS

- ➢ Dr. N.M. Jothi Swaroopan, Prof./EIE. & Dr.B.Jaison, ASP/CSE. updated on ARIIA / IIC Activities and plan for conducting training on patent filing.
- ➢ Dr. Chidambara Thanu K, HoD - CSBS, updated on the NIRF Ranking and improvement strategies
- ➢ Dr. Sandra Johnson, HoD – AI&DS & Dr. Murali Krishna T, Assoc. Prof. / Civil., updated on the AQAR report preparation status. The AQAR for 2020 – 2021 will be submitted before December 31, 2021.

PURCHASE OF NEW SOFTWARE LICENSE AND HARDWARE

- ➢ Dr. A. Arthanareeswaran, System Admin. updated on the activities of the Purchase of new Software license and Hardware: 2021-2022

BUDGET

- ➢ Dr. Murali Krishna T, Assoc. Prof. / Civil and finance committee coordinator updated on the activities of Budget Proposed/Sanctioned for the Financial Year 2020-21 and Budget Estimate for the Financial Year 2021-22

ANALYSIS OF STUDENT SATISFACTION SURVEY (SSS) ON OVERALL INSTITUTIONAL PERFORMANCE

- ➢ Dr. Chidambara Thanu K, HoD – CSBS., updated on the activities of analysis of Student Satisfaction Survey (SSS) on overall institutional performance
- ➢ Ms. R.Samyugdha (Student, IV Year CSE) thanked the Principal and the IQAC organizers to have included her as a student member in the IQAC and invited her for the IQAC meeting and conveyed about the steps taken for effective teaching learning process and various webinars, competitions conducted during online class by the college

ADDITIONAL ACTIVITIES

➢ Principal updated on the following Additional Activities:

✓ Strengthening the green initiatives through energy/green audit by Eco Club activities, Quiz on SDG, World Environment Day -2020 celebration, COVID 19 Awareness activities and Technology projects have been executed.

✓ Future plans such as Development of Smart Green House sponsored by Management for Rs.3.18 lakhs, Herbal Park in RMKEC, Tree Plantation in Chinnakavanam Village and Development of Miyawaki forest inside the campus.

✓ One District One Green Champion Award has been presented to RMKEC by The Mahatma Gandhi National Council of Rural Education (MGNCRE), Ministry of Education, Government of India for clean and sanitized HEI and making continuous efforts towards "Swachh Bharat".

✓ Plan for Silver Jubilee Celebration during 2021-2022

PROPOSED NEW INITIATIVES

➢ Principal proposed the following new initiatives: Development of NIRF Dashboard, NAAC Dashboard and introduction of New Courses in emerging Technology during 2022-2023.

STRATEGIC PLAN 2020 -2025

➢ Principal proposed the following Strategic Plans for the period 2020-2025:

✓ Starting the preparation for NAAC A++ accreditation

✓ Continuous improvement in R&D and Consultancy

✓ NIRF ranking within top 100 ranks

✓ AI based Teaching, Learning, Counseling and Career planning etc customized to students (implementing processes in a phased manner)

✓ Mapping with National Education Policy 2020

✓ Fulfilling the Sustainable Development Goals

✓ Increasing the Research & Funded projects

✓ Establishment of RMK Incubation Center with 100 plus startups

✓ AICTE Idea Lab, AR / VR Lab etc.

PRESENTATION BY EXTERNAL MEMBERS

➢ Mr. Jehan Charle (Brand Manager, Kellogg's Tolaram Nigeria Limited, Chennai) 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. Interested to know more details of the entrepreneurship and startup activities of the students of the college. Willing to help and guide the students in entrepreneurship and setting up startups. Explained the recent opportunities in agriculture technology for startups and willingness to guide students in this area.

- Dr. N.M Jothi Swaroopan, Professor / EIE gave a brief update on the entrepreneurship activities and some examples of the startup companies in the RMKEC Incubation Center.
- Mr. J. Venkatesh (Operations Manager, Capegemini, Bangalore)**,** made a presentation on what the recruiting companies and in particular, Capgemini are expecting from fresh graduates / students.
- Dr. K. K. Sivagnana Prabhu, HoD / T&P explained about the initiates taken by T&P in providing training to students in these areas. Informed that Capgemini has agreed to visit the college for the first time for campus placement of students
- Mr. M.P. Somasekar (Programme Manager, GE Power Conversion, Chennai)**,** enquired about Calibration Center, 3D printing facility, Energy Audit Center and Renewable Energy Center and gave some suggestions for effective implementation of them. Willingness to visit the centers to give some suggestions and how his company can collaborate with the college on these activities.
- Mr. M.Siva (Manager- Projects, Cognizant, Chennai) 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. Suggested that our students should improve in the communication and group discussions as these skills are very much required for them which they join corporate and work in teams in IT projects.
- Ms. K. Sathiarekha (Senior Programmer Analyst, Zifo R&D Solutions, Chennai) thanked the principal and organizers of the IQAC meeting for having invited her for the IQAC meeting and happy to note the various developments and achievements of the college.

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 2020 for Autonomous Syllabus & Syllabus revision – 2021-2022	Principal and all HODs and faculty members	28.02.2022
2	Principal and Academic Coordinator	Academic Audit	Principal, AC and all HODs and faculty members	31.03.2022
3	Dr. T.V.Padmavathy, Prof./ECE Dr.S.Sambath/Prof. MECH	Idea Lab status and plan; Need for collaboration and inputs from industry	Respective coordinators	31.03.2022
4	Dr. T.V.Padmavathy, Prof./ECE	Projects funded by college	Respective coordinators	31.03.2022

5	Dr. S. Pavai Madheswari, Academic Coordinator and HoD – S&H. Dr. S.Vijayalakshmi, Prof./EEE.	Student club activities	Club in charges	31.03.2022
6	Dr. S. Pavai Madheswari, Academic Coordinator and HoD – S&H. Dr. S.Vijayalakshmi, Prof./EEE.	Outreach Programmes Planned (NSS/YRC, Swachh Bharat, Gender Sensitization)	Respective coordinators	31.03.2022
7	Dr. N.M. Jothi Swaroopan, Prof./EIE. Dr.B.Jaison, ASP/CSE.	ARIIA / IIC Updates and plan for conducting training on patent filing	Dr. Jothi Swaroopan & Respective coordinators	28.02.2022
8	Dr. Chidambarathanu K, HoD – CSBS.	NIRF Ranking and improvement strategies	All HODs and Respective coordinators	28.02.2022
9	Dr. Sandra Johnson, HoD – AI&DS. Dr. Murali Krishna T, Assoc. Prof. / Civil.	AQAR (2020 - 21) Report preparation status	Dr. Sandra Jhonson, Dr. Murali Krishna T & Respective coordinators	28.02.2022
10	Dr. Binu Sukumar/ HoD - CE Dr. S.D. Uma Mageswari, ASP/S&H.	Strengthening green initiatives through energy/green audit	Dr. Binu Sukumar/ HoD - CE Dr. S.D. Uma Mageswari	28.02.2022
11	Principal	Strategic Plan 2020 -2025	Principal and all HODs and faculty members	31.03.2022

➢ Dr. S. Vijayalakshmi, member proposed a vote of thanks, thanking all the members of IQAC for their valuable and valid suggestions given for the further improvement of the quality standards of institution and for their future involvements.

➢ It is proposed to nominate Dr. S. Vijayalakshmi, Prof/EEE, as IQAC coordinator for a period of three years from January 2022 to December 2024.

➢ Principal thanked all the members of the IQAC for their participation and active involvement in the discussions.

Station : Kavaraipettai
Date : 31-12-2021

Copy to
1) Dean Research
2) All the HoDs
3) IQAC Members

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

PRINCIPAL/IQAC Convenor

PRINCIPAL
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