



R.M.K. ENGINEERING COLLEGE

(An Autonomous Institution)

R.S.M. Nagar, Kavaraipettai - 601206



MINUTES OF THE 21ST IQAC MEETING HELD AT 10:30 AM ON 26-03-2022 Venue: RJ Block Seminar Hall-II

Preamble:

1. Thiru. R.S. Munirathinam - Founder - Chairman
2. Thiru. R.M. Kishore - Vice-Chairman
3. Dr. M.S.Palanichamy - Advisor & Educationist representing local society
4. Dr. K.A.Mohamed Junaid - Principal and IQAC Convener
5. Dr. K. Chandrasekaran - Dean - Academics
6. Dr.Elwin Chandra Moni - Dean Research
7. Dr.S.PavaiMadheswari - Academic Coordinator & HoD- S&H
8. Dr.BinuSukumar - HoD - CE
9. Dr.T.Sethukarasi - HoD - CSE
10. Dr.GeethaRamadas - HoD -EEE
11. Dr.T.Suresh - HoD- ECE
12. Dr. T. Gnanasekaran - HoD-EIE
13. Dr.K.R.Senthil Kumar - HoD-MECH
14. Dr.M.SheerinBanu - HoD- IT
15. Dr.Sandra Johnson - HoD - ADS
16. Dr.K.ChidambaraThanu - HoD – CSBS
17. Dr. K. K. Sivagnana Prabhu - Head, Training and Corporate Affairs
18. Mr. B. Kumar - Manager, RMKEC
19. Mr.Elango - Administrative officer
20. Dr.V.Srinivasan - Prof-S&H & CoE
21. Dr. A. Kadirvel - Prof/MECH, Transport-in-charge
22. Dr. M. Seenivasan - Chief Librarian
23. Dr.S.D.Uma Mageswari - ASP / S&H and Higher Education Coordinator
24. Dr. Vakada Krishnarjuna Rao - Assistant Director
25. Dr. S. Vijayalakshmi - Professor/ EEE
26. Dr. Murali Krishna T - Assoc. Prof. / Civil
27. Dr. P.Kavitha - Assoc. Prof. / EEE
28. Mr. K. Vijayanand - Assoc. Professor /EIE
29. Mr. J. Venkatesh - Operations Manager,Capegemini, Bangalore
30. Mr. M.P. Somasekar - Programme Manager, GE Power Conversion, Chennai
31. Mr.M.Siva - Manager- Projects, Cognizant
32. Ms. K. Sathiarekha - Senior Programmer Analyst,Zifo R&D Solutions, Chennai
33. Mr. S. Venkatraman - Chief BIM Modeller,COWI India Pvt Ltd
34. Mr. Mohamed Wasim Ansari Kaleel - Application Development Team Lead, Accenture

IQAC meeting was presided over by our respected Chairman sir. Vice Chairman sir welcomed all the members for the 21st IQAC meeting. Advisor appreciated the activities carried out in ODD semester 2021-2022 and encouraged to continue the same. Principal welcomed all the internal and external members for the 21st IQAC meeting in Physical mode. Principal presented the agenda of the meeting to all the members.

1. REVIEW OF PREVIOUS MEETING

- Principal reviewed the following points discussed in 20th IQAC meeting conducted on 11th December 2021 in physical mode in the college campus in the presence of all the IQAC members
 - ✓ Introducing new UG program and Knowledge partners proposed in the academic year 2021-2022
 - ✓ Various Value added courses were conducted through the department as well as through the corresponding CoEs.
 - ✓ Fulfilled all the requirements for academic activities during online mode.
 - ✓ Established Calibration center.
 - ✓ Digital course materials uploaded in our college website for all the courses
 - ✓ Recorded video lecture were uploaded for the benefit of students who missed the online classes.
 - ✓ Virtual industrial visit, online guest lectures and online internship were arranged

2. ACTION TAKEN REPORT ON PREVIOUS MEETING

- Principal presented the action taken report on previous meeting as follows
 - ✓ Number of workshops and webinars/Guest lectures conducted in the academic year 2020-2021
 - ✓ Industrial visits/ Mini projects/ internships/ student projects completed in the academic year 2020-2021
 - ✓ New courses introduced across all the U.G and P.G Programmes offered during the year
 - ✓ Value-added courses have been offered by all the departments through center of excellence for imparting transferable and life skills during the year 2021-2022
 - ✓ 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.
 - ✓ Achievements of students
 - ✓ Procedures for Academic Audit
 - ✓ New Infrastructure and Learning Resources has been developed using MODROBS by EEE, ECE, EIE and MECH for Rs 36,21,438.
 - ✓ 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.E. - 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

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

3. CURRICULAR ASPECTS

- Principal informed about the start of new programme, B.E - Computer Science and Design with an intake 60 in the academic year 2021-2022.
- Principal presented the knowledge partners of all the U.G programs and benefits of it.
- Principal summarized the number of students and faculty members enrolled for NPTEL courses and registration for examination in the month of March 2022 and April 2022.

4. TEACHING, LEARNING AND EVALUATION

- Academic coordinator elaborated the activities related to academics as given below
 - ✓ Academic Calendar highlighting the dates of commencement of classes, internal assessment tests, class committee meeting and Model Exam along with salient features of new lecture Plan implemented from the academic year 2021-2022.
 - ✓ As a new initiative the Digital Record of Attendance and Assessment is created which is to record the daily attendance of the student. It will help to enhance continuous monitoring and corrective actions. It also includes all modes of lecture delivery like class room teaching, Video lectures, content beyond syllabus, mini-project evaluation. It will provide the individual student's performance analysis.
 - ✓ Presented about the special Coaching classes conducted for first year students during Odd semester 2021-2022 at institution and hostel for slow learners
 - ✓ Academic goals in terms of target percentage for all the departments were presented. The overall target percentage for college is fixed as 89.06%.

5. RESEARCH, INNOVATIONS AND EXTENSION

- Dr. Elwin Chandra Monie, Dean – Research, updated on the following Research and Development activities in the odd semester 2021-2022:
 - ✓ Journal Publication by the individual departments and overall, by the institution in SCI, WoS and Scopus indexed journals.
 - ✓ Number of Patents Applied/Published/Granted by the individual departments.
 - ✓ Amount sanctioned for Research Projects of all the departments.
 - ✓ Consultancy Projects completed by all the departments.
 - ✓ Ph.D Pursing/ Completed by the faculty of all the departments.
 - ✓ International Conference on Next Generation Wireless Communication and Networking Technology for a Smarter World (ICNGTSW 2022) on 28 & 29th of April 2022 and International Conclave (Hybrid - Virtual and In-person) on 'The Road from Industry 4.0 to

Society 5.0 and Beyond: Evolving Technologies and Transformations' on 15.12.2022 and 16.12.2022 organized by R.M.K

- ✓ Incentive Policies for Promoting Research Activities
- ✓ Projects funded by college to the all the departments

6. STUDENT SUPPORT AND PROGRESSION

(i) PLACEMENT

- Dr. K. K. Sivagnana Prabhu, Head, Training and Corporate Affairs, updated on the following Training and Placement activities:
 - ✓ 360° view of the placement training program provided to the students
 - ✓ Placement Training Programs 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 for the 2022 Batch.
 - ✓ Number of students placed in higher salary package in 2022 Batch.
 - ✓ Day 1 company offers for 2022 Batch
 - ✓ Presented the following awards received
 - ❖ Signing of MoU with Virtusa for Full Stack Development (22.03.2022)
 - ❖ Inauguration of Full Stack Development CoE Lab by Virtusa (22.03.2022)
 - ✓ Presented placement statistics and internship offers for 2023 Batch.

(ii) Higher Studies

- Dr. S.D. Uma Mageswari, ASP/S&H, updated on the following Higher Education activities:
 - ✓ Presented the webinars conducted by the Higher Education Cell from September 2021 to February 2022.
 - ✓ Presented the planned activities of Higher Education cell for EVEN Semester 2021-2022.
 - ✓ 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:
 - ✓ Presented various activities completed during odd semester 2021-2022.
 - ✓ Presented various activities planned for Even semester 2021-2022
 - ✓ 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.

(iv) Review of student club activities

- Academic coordinator elaborated about the following club activities in ODD semester 2021-2022:
 - ✓ 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.
 - ✓ Presented the number of activities conducted by all the departments in ODD semester 2021-2022.
 - ✓ New club started- Humor Club

(v) Outreach Programmes Planned (NSS/YRC, Swachh Bharat, Gender Sensitization)

- Academic coordinator presented the number of Outreach Programmes organised (NSS/YRC, Swachh Bharat, Gender Sensitization) for inculcating the Co-Curricular interests among the students in the ODD Semester 2021-2022.
- Presented the achievements of students in various competitions conducted by

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

- Academic coordinator mentioned about the achievements of students in competitions conducted by ISTE, IEI, IETE, Ideathon, National conference paper presentation, District Sports Karate Association of Thiruvallur, Chennai district Whusu Association and Tamilnadu junior and senior Judo Championship.

(vii) Student's disciplinary issues – Strengthening monitoring mechanism

- Principal informed about the various committees involved in maintaining the discipline of students as per the AICTE and Anna university requirements.
- No disciplinary issues were found in ODD Semester 2021-2022.

(viii) Innovation and Incubation Council

- Dr. Jaison presented the activities conducted in the ODD Semester 2021-2022 through IIC cell and the planned activities for EVEN semester 2021-2022.

7. ALUMNI

- Mr. Vijayanand, Alumni Coordinator conveyed the following points
 - ✓ Our Alumni Association have successfully completed 31 Alumni meet under the support of our Management.
 - ✓ More than 1000 active participation for all the meet.
 - ✓ Alumni supports for maximum number of Guest Lectures in latest Technology to bridge the gap between Academia and Industry.

- ✓ For Even semester more Alumni Interaction is planned as Guest lectures, Mentors for National level Competitions like SIH and Chief guest for inauguration of various functions and activities to enrich the students in latest trends and Opportunities.
- ✓ Planned to conduct Alumni meet in forthcoming Graduation Day in our college.
- ✓ Planned to conduct Alumni meet in Chennai during the month of October.
- ✓ Strong Alumni connect is established using our Alumni association website to share their achievements <https://rmkalumni.org/> and social media.
- ✓ To make employability for the alumni and from the alumni we have dedicated website <https://rmkec.alumniconnect.in/home>

8. BEST PRACTICES

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

- Principal stated about the establishment of Idea lab and purpose is to provide all facilities such as 3D Printer, 3D Scanner, CNC Laser cutter, CNC wood router, PCB milling machine, Computer work stations etc. under one roof for the conversion of an idea into a prototype.
- Main focus to encourage students for the application of Science, Technology, Engineering and Mathematics (STEM) fundamentals and to train students so that they become imaginative and creative and stay so at the workplaces they join.
- Principal conveyed that One-day orientation programme on AICTE -IDEA Lab for the Faculty members of Engineering Colleges & Polytechnics held on 24th March 2022. 30 participants have attended hands on training on ON SHAPE Software for 3D Printing & Tinker CAD for Embedded system design.

b. First Year Admission: 2022-2023

- Principal presented the students admission to U.G and P.G programmes of 2021-2022 academic year.

9. RANKING AND ACHIEVEMENTS

- Dr. N.M. Jothi Swaroopan, Prof./EIE. Proudly announced that the institution achieved 2nd Rank in ARIIA ranking.
- Dr. Chidambarathanu K, HoD - CSBS, updated on the NIRF Ranking and improvement strategies
- Dr. Sandra Johnson, HoD - ADS. & Dr. Murali Krishna T, Assoc. Prof. / Civil., updated on the AQAR report preparation status and its submission.

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

- Dr. Sandra Johnson informed about the additional questions related to quality of digital course material, RMK Nextgen, Autonomous syllabus and current trend and practices added along with the curriculum feedback updated on the activities of analysis of Student Satisfaction Survey (SSS) on overall institutional performance.

11. PROPOSED NEW INITIATIVES

- Principal mentioned that 160 credit points for 2022 Regulation has to be followed in line with AICTE Model curriculum. And additional 20 credits for receiving Minor degree program.
- Principal presented the principles and benefits of ISO 21001: 2018 -Educational Organizations Management System and proposal to implement in the nearest future.

14. PRESENTATION BY EXTERNAL MEMBERS

- Mr. M.P. Somasekar (Programme Manager, GE Power Conversion, Chennai) appreciated all the faculty members for the implementation of various activities and lots of improvements and initiatives done. Expressed his considerations in setting the Key performance indicators (KPI). And measure how many are going for higher studies. He also appreciated that the amount received for project is huge and gives a positive sign and it is in par with MNC. He suggested each and every student should publish minimum one paper in journal and requested the faculty has to make them to realise the importance of journal publication. He was suggesting to have a language club which will provide them to move forward towards technology growth. He also insisted on market watch and told to do some alterations in the existing product or do some innovations to reduce the price.
- Principal thanked for the suggestions provided and replied that foreign language club is there for Japanese to support the students to get certification and planning to start a club for German language also.
- Mr. Mohamed Wasim Ansari Kaleel (Application Development Team Lead, Accenture) expressed his views about placement and enquired about Cloud based training to the students. He said that business is shifting towards cloud application and Industry ready students are needed for the company. He also suggested that these training should be provided to all dept students.
- Principal replied that Google cloud certification courses are conducted for CSE and IT students through Amazon AWS academy. Mr.Venkat replied that daily coding practice test is posted for all the department students for practice.
- Mr. M.Siva (Manager- Projects, Cognizant) gave a presentation for his views. He appreciated that RMK has taken technology advancement and suggested to find strategic partners for maximizing alliances- AWS, google cloud etc. He suggested to connect with these industry in order to get the growth along with the industry. He expressed his interest to conduct Fresher's referral program or a seminar on Business development for our students. He also presented a table with job title and skills needed. He expressed his willingness to guide the students for the project work.
- Principal invited him for a guest lecture and to associate him with our E cell to help us in future

- Mr. J. Venkatesh (Operations Manager, Capegemini, Bangalore), made a presentation on How did we battle COVID?. He expressed his happiness that around 1 crore rupees were given to CM fund. He also said that “New is exciting but old is time tested”. He suggested an open atmosphere discussion between management and staff to adopt good practise which was taken care during the past 20 years. In order to promote socialisation between staff and for better understanding he was suggesting mix fun and work. He also suggested to find Niche skills like Electrical design (mentor graphics, logic) Civil (sea bridge, stadium, tunnel building) and train the interested students in them.
- Principal conveyed that a brainstorm session will be carried out to reinvent on the old.practices. Niche skills for EEE and MECH will be planned.
- Mr. S. Venkatraman (Chief BIM Modeller,COWI India Pvt Ltd) thanked the Principal and organizers of the IQAC meeting for having invited him for the IQAC meeting and happy to note the various developments and achievements of the college. He suggested training can be given to faculty in new technology. He too insisted Niche skills on infra structural projects for students in training (building model and building structure).
- Principal replied that the BIM lab in CIVIL dept and plan to provide the Niche skills and also the ATAL Tunnel project worth 2 lakhs sanctioned by AICTE.
- 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.
- Dean (Dr. Chandrasekaran) said that the core branches are facing tough time and asked the external members to suggest how to strengthen the core engineering with Niche Skills.
- Somasekar replied that to retain core engineering mechanical can have 2 years core knowledge and 2 years software knowledge and different name can be given to this course. HoD/MECH replied that courses related to software are introduced in regulation 2020.

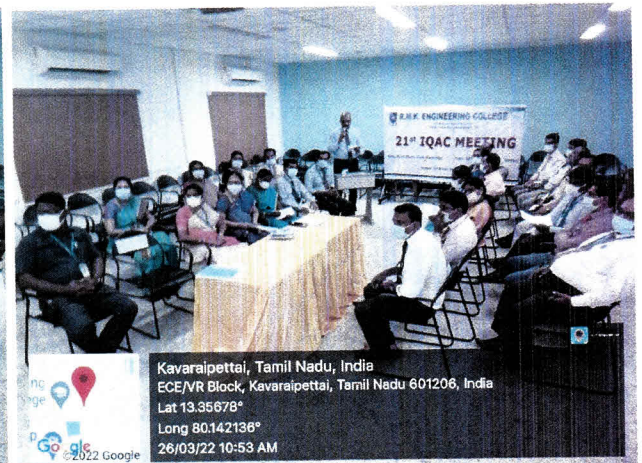
KEY DISCUSSION POINTS AND CONCLUDING REMARKS

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 2022 for Autonomous Syllabus & Syllabus revision – 2021-2022	Principal and all HODs and faculty members	31.04.2022
2	Dr. S. Pavai Madheswari, Academic Coordinator	Academic goals and followup of the institution for Academic Year 2021-2022(EVEN)	Respective coordinators	31.05.2022

3	Dr.Elwin Chandra Monie, Prof./ECE	Projects funded by college	Respective coordinators	31.04.2022
4	Dr. S. Pavai Madheswari, Academic Coordinator and HoD – S&H. Dr. S.Vijayalakshmi, Prof./EEE.	Student club activities	Club in charges	31.05.2022
5	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	31.05.2022
6	Dr. N.M. Jothi Swaroopan, Prof./EIE. Dr.B.Jaison, ASP/CSE.	Plan for conducting training on patent filing	Dr. Jothi Swaroopan & Respective coordinators	31.04.2022
7	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	31.04.2022

- Dr. S.Vijayalakshmi, proposed a vote of thanks , thanking all the members of IQAC for their valuable suggestions given for the further improvement of the quality standards of institution and for their future involvements.
- Principal thanked all the members of the IQAC for their participation and active involvement in the discussions.





Station : Kavaraipettai

Date : 30.03.2022

Imaad
30/03/22

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



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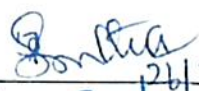


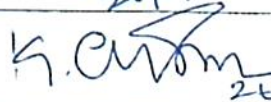

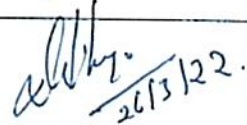

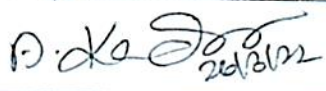



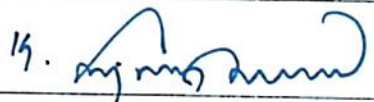


INTERNAL QUALITY ASSURANCE CELL (IQAC)

LIST OF MEMBERS AND ATTENDANCE

21st Meeting 26-03-2022 at 10.30 a.m.

S.No.	IQAC Member	Representing	Signature
1	Thiru. R.S. Munirathinam Founder - Chairman	Founder - Chairman	
2	Thiru. R.M. Kishore Vice-Chairman	Vice-Chairman	RM Kishore 26/3/22
3	Dr. M.S.Palanichamy Former Vice Chancellor Tamilnadu Open University	Educationist representing local society	
4	Dr. K.A. Mohamed Junaid Principal (Convener)	Head of the Institution	Junaid 26/3/22
5	Dr. S.Vijayalakshmi Prof.- EEE	IQAC Coordinator	S.Vijayalakshmi 26/3/22
6	Dr. K. Chandrasekaran Dean - Academics	Dean - Academics	
7	Dr. Elwin Chandra Monie Dean - Research	Dean - Research	Elwin 26/3/22
8	Mr. B. Kumar Manager, RMKEC	Member representing the Management	B. Kumar,
9	Dr. S. Pavai Madheswari Academic Coordinator and HoD – S&H	Senior Teacher	Pavai Madheswari 26/03/2022
10	Dr. Binu Sukumar HoD – Civil	Senior Teacher	Binu Sukumar 26/3/2022
11	Dr. T. Sethukarasi HoD – CSE	Senior Teacher	Sethukarasi 26/3/22
12	Dr. Geetha Ramadas HoD – EEE	Senior Teacher	Geetha 26/03/2022

13	Dr. T. Suresh HoD – ECE	Senior Teacher	 26/03/2022
14	Dr. T. Gnanasekaran HoD - EIE	Senior Teacher	 26/03/22
15	Dr.K.R.Senthil Kumar HoD – Mechanical	Senior Teacher	 26/3/22
16	Dr. M. Sheerin Banu HoD – IT	Senior Teacher	 26.3.2022
17	Dr. Sandra Jhonson, HoD – ADS	Senior Teacher	 26/3/22
18	Dr. Chidambarathanu K HoD – CSBS	Senior Teacher	 26/3/22
19	Dr. K.K.Sivagnana Prabhu Head, Training , Placement and Corporate Affairs	Head of Training, Placement and Corporate Affairs	
20	Mr. D. Ilango Administrative Officer	Administrative Officer	 26/3/22.
21	Dr. V.Srinivasan Controller of Examinations	In charge of CoE	
22	Dr. A. Kadirvel Transport-in-charge	Transport Incharge	 26/3/22
23	Dr. M. Seenivasan Chief Librarian	Library Incharge	 26/3/22
24	Dr. Vakada Krishnarjuna Rao Assistant Director	Physical Education	
25	Dr. S.D. Uma Mageswari Member, Rotary Club of Gummidipoondi Industrial City	Local society	
26	Mr. K. Vijayanand Assoc. Professor /EIE	Alumni Representative	
27	Ms. R.Samyugdha -111718104080, IV Year / CSE / RMKEC	Student	AB
28	Mr. Jehan Charle, Brand Manager, Kellogg's Tolaram Nigeria Limited.	Alumni and Industrialist	AB

29	Mr. Ratnakar Rao, General Manager(Mobile Protocols & Platforms Team),Samsung R&D India Centre, Bangalore.	Alumni and Industrialist	AB
30	Mr. J. Venkatesh, Operations Manager, Capegemini, Bangalore	Alumni and Industrialist	AB
31	Mr. M.P. Somasekar Programme Manager, GE Power Conversion, Chennai	Alumni and Industrialist	MPSomasekar
32	Mr. M.Siva, Manager- Projects, Cognizant	Alumni and Industrialist	MS
33	Mr. S. Venkatraman, Chief BIM Modeller,COWI India Pvt Ltd,	Alumni and Industrialist	SV
34	Ms. K. Sathiarekha, Senior Programmer Analyst, Zifo R&D Solutions, Chennai.	Alumni and Industrialist	K. Sathiarekha
35	Mr. Mohamed Wasim Ansari Kaleel, Application Development Team Lead, Accenture Solutions Pvt Ltd, Chennai.	Alumni and Industrialist	Mohamed Wasim Ansari
36	Dr. Murali Krishna T Assoc. Prof. / Civil.	IQAC Member	MD
37	Mr. K. Naresh Kumar Asst. Prof. / EEE	IQAC Member	AB
38	Dr.P.Kavitha Assoc.Prof./EEE	IQAC Member	P.K. 26/3/22
39	Dr. N.M. Jothi Swaroopan Professor / EEE	E-CELL Co-ordinator	N.M. 26/3/22
40	Dr. B. Jaison Professor / CSE	IIC – Co-ordinator	B. Jaison 26/3/22
41	Dr. S. Sambath Professor / Mech	IDEA LAB – Co-ordinator	S. Sambath 26/3/22