



RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University
Accredited by NAAC & An ISO 9001:2015 Certified Institution
NBA Accredited UG Programs: CSE, EEE, ECE and MECH

Department of Electrical and Electronics Engineering
Academic Year 2023 – 24

Ref.: RIT/EEE/PA&QIC/07

Date: 18.08.2023

Circular

The 7th Program Assessment & Quality Improvement Committee Meeting to review the progress of 2022-23 (Even Semester) is planned on **01.09.2023 (Friday)** from **10.00 AM to 12.30 PM** at EEE Seminar Hall. All PA&QIC Members and other Faculty Members are invited to attend the meeting. The agenda for the meeting is listed below,

Sl.No.	Topics to present	Faculty In-charge	Time
1	Review of Previous meeting (6 th PA&QIC)	Dr. K. Karthikeyan	10.00 – 10.10 AM
2a	Teaching and Learning : (i) Curricular Gap and content beyond syllabus, (ii) New Initiatives and Innovative methods practiced and its implications, (iii) Action taken for slow learners and bright students, (iv) Question paper quality improvement (v) Outcome of Academic audit	Mrs. S. Jeyanthi	10.10 – 10.30 AM
2b	Institute – Industry Interactions and its impact - Internship & In-Plant Training	Mr. E. Thangam & Dr. K. Karthikeyan	10.30 – 10.40 AM
3	(i) Attainment of COs, POs, PSOs with program effectiveness (2021-2022), (ii) Proposed methodologies to set target attainment for CO (iii) Initiatives for adding Co-Curricular and Extra-Curricular activities towards CO attainment	Mr. E. Thangam & Mr. A. Guna	10.40 – 10.50 AM
4a	Student Participation: Professional Societies and Technical Association	Mr. A. Arun Kumar, Mrs. S. Jeyanthi & Mr. A. Guna	10.50 – 11.00 AM
4b	Student Participation: Inter-Institute events and online course	Dr. B. Deepa Lakshmi	11.00 – 11.10 AM
5	Faculty Performance, Participations, online course and Research and Development activities	Dr. D. Karthik Prabhu	11.10 – 11.20 AM
6	New facilities created & Laboratory utilization	Mr. S. Meenakshi Sundaravel	11.20 – 11.30 AM
7	Continuous Improvements	Mr. A.S. Vigneshwar	11.30 – 11.40 AM
8a	Training and Placement Progress	Mr. A. S. Vigneshwar	11.40 – 11.50 AM
8b	EDC & Carrier Guidance Cell activities	Ms. S. Sharmila Kumari	11.50 – 12.05 PM
8c	Feedback Analysis (Student / Parent / Alumni / Recruiters / Employee)		12.05 – 12.10 PM
9	Budget allocation and Utilization (2022-23)	Mr. A. Arun Kumar	12.10 – 12.20 PM
10	Any other matters		12.20 – 12.30 PM

G. L. S. 18/8/23
Department NBA Coordinator
Copy to:

S. K. S. 18/08/23
HoD/EEE

18/8/23
Vice Principal

18/8/23
Principal

- 1) All PA&QIC Members and faculty members through email
- 2) File



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Department of Electrical and Electronics Engineering
Academic Year 2023 – 24

Date: 01.09.2023

7th Program Assessment & Quality Improvement Committee Meeting Attendance Sheet

Sl. No	Name of the Faculty	Signature
1.	DR.M. GOMATHY NAYAGAM	
2.	Dr. J. JERALD (Jovan) BRATZO AP(SG)/M.E.S	
3.	G. GNANA PRIYA, AP(SG)/ECE	
4.	C. SUBHA, AP(SG) /CIVIL	
5.	E. Thangam AP(SG) /EEE	
6.	K. Kartikayyan, ASP/EEF	
7.	S. Meenakshi Sundaravel AP(SG)/EEE	
8.	A. Guna, AP/EEE	
9.	D. Karthik Prabhu AP(SG)/EEE	
10.	A. Anam Kumar, AP(SG)/EEE	
11.	S. JEYANTHI, AP(SG) /EEF	
12.	G. SIVAPRIYA, AP /EEF	
13.	S. SHARMILA KUMARI, AP /EEF	
14.	DR. S. RANNAN Pradhano/EEF	
15.		
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18.		
19.		
20.		



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Department of Electrical and Electronics Engineering

Academic Year 2023 – 2024

Minutes of Meeting – 7th Program Assessment & Quality Improvement Committee (PA&QIC)

Date of Meeting : 01.09.2023 (Friday)
Time of Meeting : 9:30 AM to 12:30 PM
Reference : RIT/EEE/PA&QIC/05
Venue : EEE Seminar Hall

Members Present:

Sl. No.	Name of the Faculty Member	Designation	PAQIC
1.	Dr. S. Kannan	Professor / EEE	Convener
2.	Dr. K. Karthikeyan	Associate Professor / EEE	Member
3.	Dr. D. Karthik Prabhu	AP(SG) / EEE	Member
4.	Mrs. C. Subha	AP (SG) / Civil	Member
5.	Dr. M. Gomathynayagam	Associate Professor & Head / CSBS	Member
6.	Mrs. G. Gnanapriya	AP (SG) / ECE	Member
7.	Dr. J. Jerold John Britto	AP (SG) / Mechanical	Member
8.	Mr. E. Thangam	AP (SG) / EEE	Representative
9.	Mr. S. Meenakshi Sundaravel	AP (SG) / EEE	Representative
10.	Mr. A. Arun Kumar	AP (SG) / EEE	Representative
11.	Mr. A. S. Vigneshwar	AP (SG) / EEE	Representative
12.	Mrs. S. Jeyanthi	AP (SG) / EEE	Representative
13.	Ms. S. Sharmila Kumari	AP / EEE	Representative
14.	Mrs. G. Sivapriya	AP / EEE	Representative
15.	Mr. A. Guna	AP / EEE	Representative

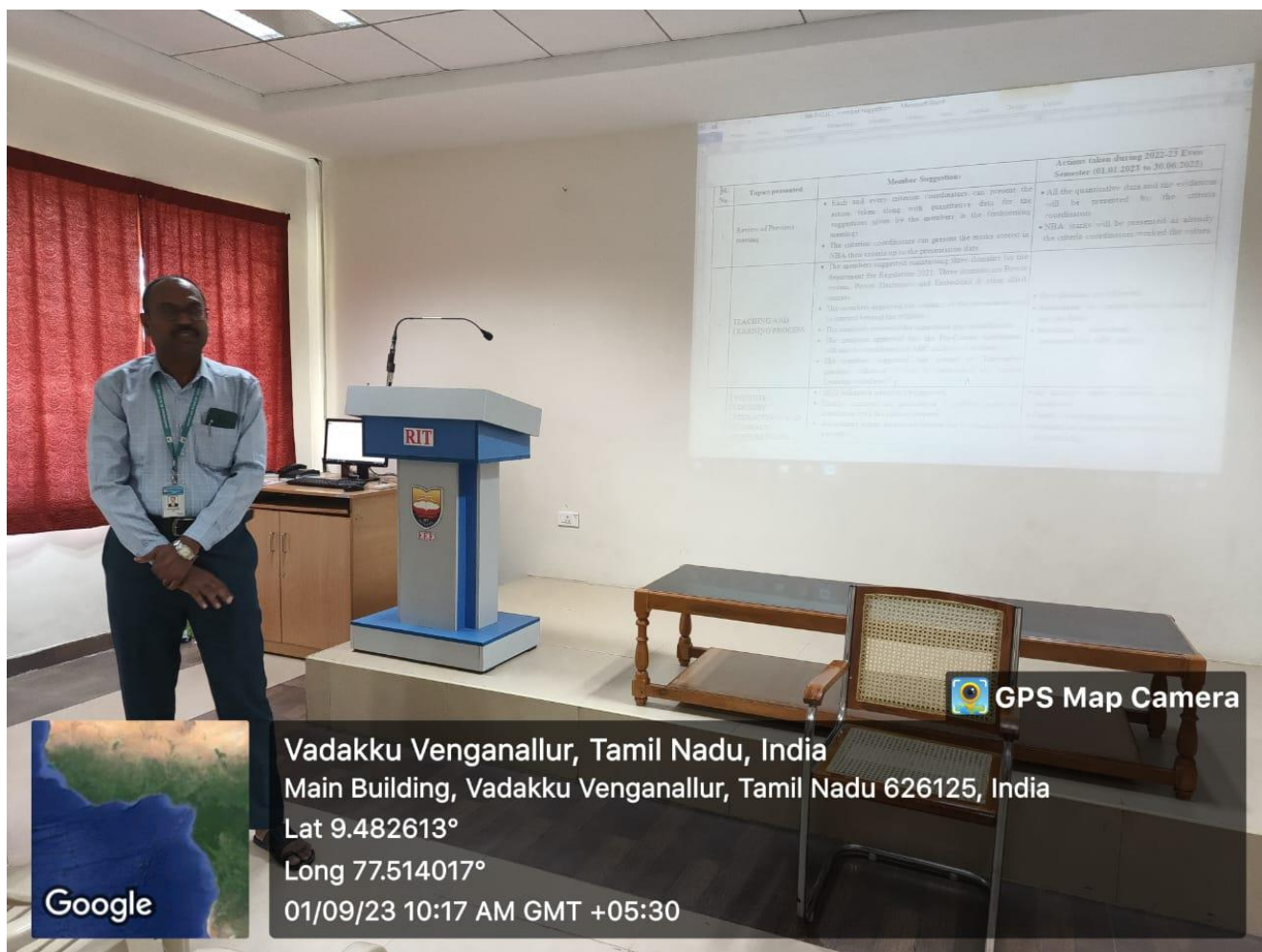
The agenda of the meeting

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1A. REVIEW OF PREVIOUS MEETING (6th PA&QIC)

Presenter: Dr. K. Karthikeyan, ASP/EEE

- The contents discussed during the 6th PAQIC meeting under various headings, suggestions given by the members and actions taken for those suggestions are presented.



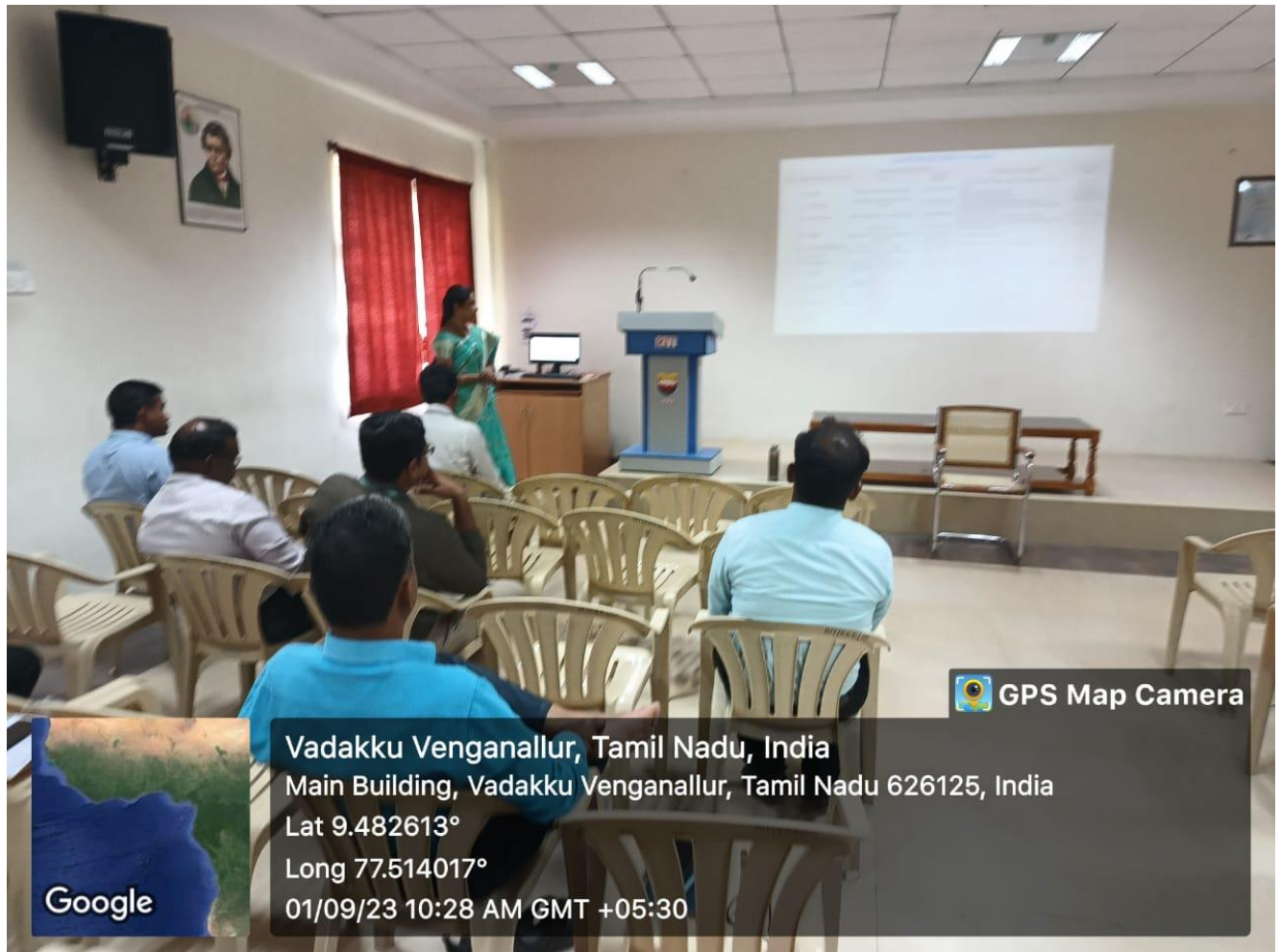
Suggestions given by the members

- Members suggested that the summary of the previous meeting minutes can only be presented to save the time rather than the detailed meeting minutes.
- It is appreciable that many of the suggestions have been implemented by the department.
- Members suggested that the actions not taken for any of the suggestions should be highlighted in the presentations and discussed with cause analysis. This will provide opportunities for the members to suggest remedial actions for the same.

2A. TEACHING AND LEARNING PROCESS

Presenter: Mrs. S. Jeyanthi, AP (SG) / EEE

- The process of curriculum gap identification and its analysis has been presented.
- The new initiatives taken by the department and CDIO initiatives by the department were presented and reviewed.
- Innovative practices in the Teaching and Learning Process have been reviewed.
- The consolidated report of Question paper evaluation and the answer script evaluation done by the HoD has been presented.
- The findings of the academic audit have been presented.

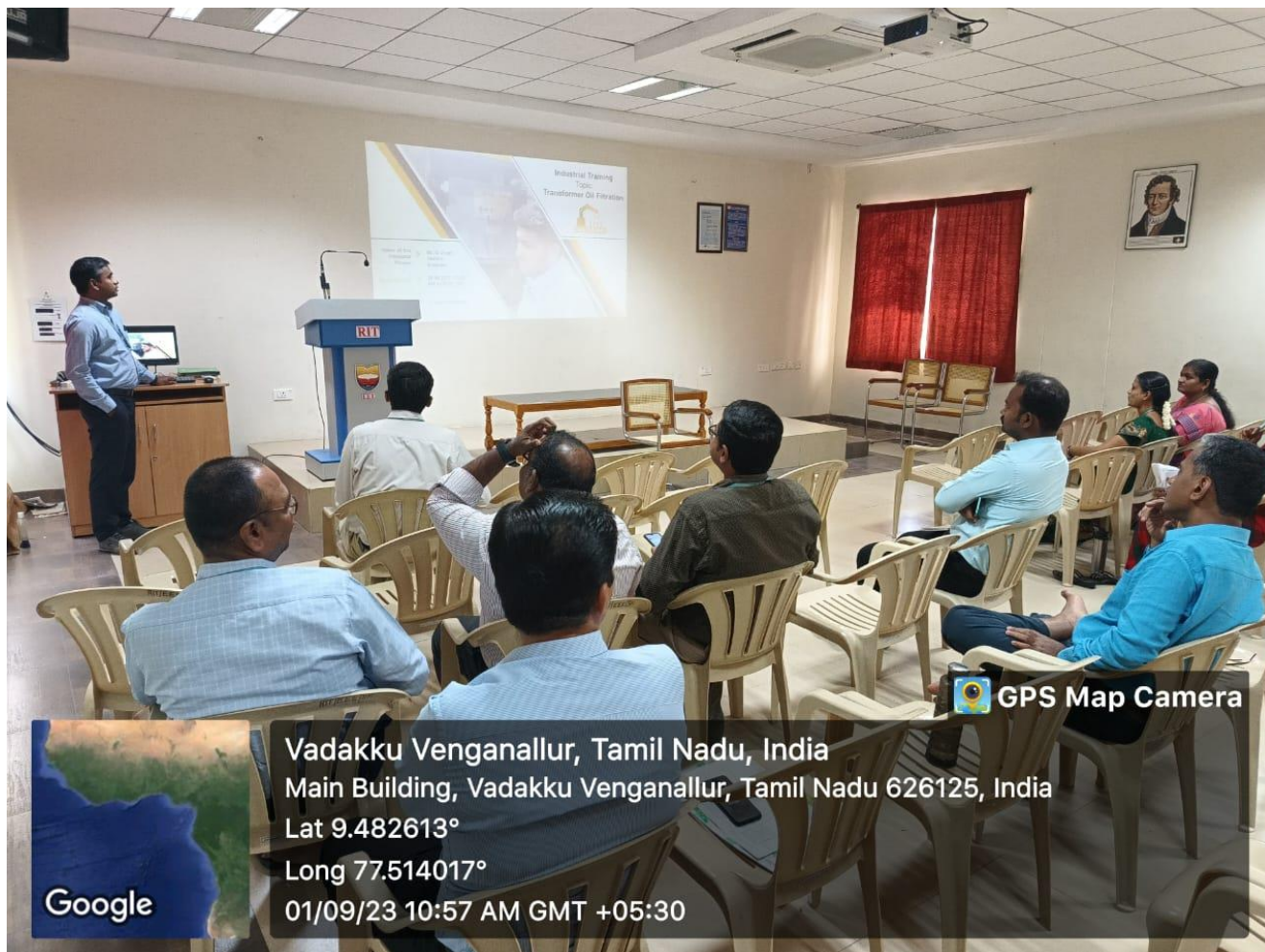


Suggestions from the members:

- Members have suggested finding the suitable domain coordinator for the common management courses like disaster management and Principles of Management.
- Members have informed to communicate the curricular gap to the Centre for Academic Courses, Anna University as soon as possible.
- The delivery of content beyond the syllabus was verified. Members advised to conduct an assessment from next semester onwards to find the effectiveness.
- Members suggested conducting more activities like guest lecture, seminars by inviting the resource person from Industry in order to know the latest trends in the industry. Also, it may be useful for NBA Accreditation.
- Members have suggested having a detailed action plan for academic audit findings.
- The domain classification should be justified for R2017 and R2021 with the valid opinions and advices.

2B. INSTITUTE – INDUSTRY INTERACTIONS AND ITS IMPACT - INTERNSHIP & IN-PLANT TRAINING

Presenter: Mr. E. Thangam, AP (SG) / EEE



i. Industry Institute Interactions and its Impact

a) Student Industrial Visit

Sl. No.	Class / Semester	Name of the Company	No. of Students Visited	Accompanied Faculty members
1.	I Year / II Semester	Doddabetta Tea Factory, Ooty	61	Mrs. S. Sharmilakumari Mrs. G. Sivapriya Mr. R. Thangasankaran
2.	II Year / IV Semester	TRACO Cable Company Ltd, Kochi	57	Mr. A. Arunkumar Mrs. S. Jeyanthi
3.	III Year / VI Semester	Kanan Devan Hills Plantations Company Private Limited Munnar, Kerala	47	Mr. S. Meenakshi Sundaravel Mr. A. S. Vigneshwar
4.		110 kV Substation Visit at Ramco Group Textile Division, Rajapalayam	57	Dr. S. Kannan, Mr. E. Thangam, Mrs. S. Sharmilakumari

b) Faculty Industrial Training

Sl. No.	Name of the Faculty	Name of the Company	Training Period		No. of days
			From	To	
1.	Mr. D. Karthikprabhu	Wind Farm Training at National Institute of Wind Energy, Kayathar	02.01.2023	12.01.2023	11
2.	Mr. E. Thangam	Wind Farm Training at National Institute of Wind Energy, Kayathar	06.02.2023	17.02.2023	11
3.	Mr. E. Thangam	Ramco Group Textile Division Wind Farm at Aralvaimozhi	19.01.2023	21.01.2023	3
4.	Mr. S. Meenakshisundaravel	Wind Farm Training at National Institute of Wind Energy, Kayathar	02.01.2023	12.01.2023	11
5.	Mrs. S. Jeyanthi	Rajapalayam Spintext Rajapalayam	16.01.2023	18.01.2023	3
6.	Mr. A. S. Vigneshwar	Wind Farm Training at National Institute of Wind Energy, Kayathar	15.05.2023	26.05.2023	11
7.	Mr. P. Vijayakumar	Wind Farm Training at National Institute of Wind Energy, Kayathar	15.05.2023	26.05.2023	11
8.	Mr. I. Johnbritto	Wind Farm Training at National Institute of Wind Energy, Kayathar	15.05.2023	26.05.2023	11

c) Industry Expert Interactions:

Sl. No.	Name of the Industry Expert	Nature of Interactions	Date	Beneficiaries
1.	Mr. P. Prem Kumar, ATE Test Engineer, Nash Technologies, Boblingen, Germany	Extramural Lecture on “Semiconductor Testing – An Overview”	11.02.2023	RIT EEE Students, and Faculty members
2.	Mr. A. Mohamed Sameer Senior Engineer Plant Maintenance, Rane NSK (P) Ltd, Chennai	Lecture on “ How to prepare themselves for an industry ready engineer	18.03.2023	RIT III year Students
3.	Mr. G. Naveen, Evol - Start-up Expert Rajapalayam	Project Reviewer	18.03.2023	RIT IV year Students

Sl. No.	Name of the Industry Expert	Nature of Interactions	Date	Beneficiaries
4.	Mr. A. Mohamed Sameer Senior Engineer Plant Maintenance, Rane NSK (P) Ltd, Chennai	Project Reviewer	18.03.2023	RIT IV year Students
5.	Mr. Mahaveer Savanur Sr. Technical Engineer Spruha build in solutions, Bangalore	Hands on Training on MokuGo M2 Kit	03.03.2023	RIT EEE and ECE Faculty members
6.	Mr. G. Vivek Service Engineer	Transformer Oil Filtration	28.04.2023	RIT EEE III Year Students
7.	Mr. V. Roshan, FLSmidh, Chennai	Scope and Opportunities in Industrial Automation	17.04.2023	RIT EEE II Year Students
8.	Mr. V. Roshan, FLSmidh, Chennai	Project Reviewer	17.04.2023	RIT EEE IV Year Students
9.	Dr. N. Pothirasan Proprietor, Hason Medicare, Rajapalayam	Project Reviewer	31.03.2023	RIT EEE III Year Students
10.	Mr. G. Naveen Evol Innovation Centre Rajapalayam	Project Reviewer	31.03.2023	RIT EEE III Year Students
11.	Er. N. Ragupathi Muthu Solar Consultant Sree Minniyal Ragu Enterprises, Sivakasi	Project Reviewer	28.04.2023	RIT EEE III Year Students

d) EEE Department MoU's with 24 Industries

<ul style="list-style-type: none"> • Ramco Group of Textile Division, Rajapalayam • Gowri House Metal Works, Rajapalayam • Minniyal Private Limited, Krishnankoil • Dynamic TEK, Chennai. • MEDSBY Healthcare AND Engineering Solutions, Coimbatore. • TVS training and services, Chennai. • Ramco Cements Ltd., Chennai. • Ramco systems Ltd., Chennai. 	<ul style="list-style-type: none"> • Enthu Technology Solutions India Private Limited, Coimbatore • Crystal Delta, Chennai • Geons Logix • Tessolve Semiconductor Pvt. Ltd., Bangalore • NI Systems Private Limited, Bangalore • Imarticus Learning Pvt Ltd • Great Learning • Aravind Herbal • Eureka education group
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<ul style="list-style-type: none"> • Ramco Industries Ltd., Chennai. • TCSion, Chennai. • M.S. Chellamuthu Trust, Madurai • Skill Shark 	<ul style="list-style-type: none"> • V-Invent Chemilab Private Limited, Rajapalayam • Raja Nursery Garden, Rajapalayam. • TRY CAE
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e. Impact Analysis

Sl. No.	Name of the Company	Impacts
1.	Tessolve Semiconductor Pvt. Ltd., Bangalore	9 students got placed in Tessolve semiconductors Pvt Ltd, Bangalore (2014-2018 – 1 student), (2015-2019 – 1 student), (2016-2020 – 1 student), (2017-2021 – 2 Students), (2019 -2023 – 2 student), (2020 – 2024 – 4 Students)
2.	The Ramco Cements Ltd., Chennai	10 students got placed in Ramco Cements Limited (2013-2017 – 1 student) (2014-2018 – 3 students) (2015-2019 – 3 students) (2016-2020 – 3 students) (2018-2022 – 1 students), (2019 -2023 – 3 student)
3.	Minniyal Private Limited, Krishnankoil	8 students have completed their final projects
4.	Ramco systems Ltd., Chennai	20 students placed in Ramco Systems, Chennai (2013-2017 – 1 student) (2014-2018 – 9 student) (2015-2019 -7 students) (2016-2020 – 3 students) (2019-2023 – 1 students)
5.	Ramco Group of Textile Division, Rajapalayam	5 students placed in Ramco group textile division (2013-2017 – 5 students), (2014-2018 - 1 student), (2016-2020 – 1 student) Display Equipment are being used for taking demonstration classes
6.	MEDSBY Healthcare and Engineering Solutions, Coimbatore	Students are allowed to attend the 3D printing classes in the MedsBy 3D printer
8.	NI Systems Private Limited, Bangalore	CLAD Training - Intensive training is being given to the students to get CLAD certificate by NI LabVIEW.

f. Industry Supported Laboratories

- NI LabView Academy - Year of Establishment - 2015
- Tessolve Semiconductor Test Engineering Laboratory - Year of Establishment – 2017
- RIT MEDSBY Innovation Centre - Year of Establishment - 2019
- e-yantra Laboratory - Year of Establishment – 2019
- Rajapalayam Mills Limited supported Renewable Energy Sources Laboratory - Year of Establishment – 2020

g. Industrial Training / Internship

As per Anna University Regulation 2017, Clause 4.5

- a. The students may undergo Industrial training for a period as specified in the Curriculum during summer / winter vacation. In this case the training has to be undergone continuously for the entire period.
- b. The students may undergo Internship at Research organization / University (after due approval from the Department Consultative Committee) for the period prescribed in the curriculum during summer / winter vacation, in lieu of Industrial training.

h. Department Consultative Committee Members

Sl. No	Name of the Faculty member	Designation	Position
1.	Dr. S. Kannan	Professor and Head (EEE)	Head
2.	Dr. K. Karthikeyan	Associate Professor/EEE	Internship in-charge
3.	Dr. D. Karthik Prabhu	Assistant Professor (Sr. Gr) / EEE	Member
4.	Mr. E. Thangam	Assistant Professor (Sr.Gr) / EEE	Member
5.	Mr. S. Meenakshi Sundaravel	Assistant Professor (Sr.Gr) / EEE	Member

i. Student Internship Progress:

Sl. No	Class / Semester	No. of Students completed 15 days Internship	No. of Students yet to be completed 15 days Internship
1.	IV Semester B.E. EEE	64	-
2.	VI Semester B.E. EEE	56	4
3.	VIII Semester B.E. EEE	33	-

j. Industry Projects Details:

6 batch of students are undergoing their final year projects in the industries, the details are given below

Sl. No.	Name of the Company	Name of the Supervisor
1.	Rajbio Electronics and Intelligent (P) Ltd. Krishnankoil	Dr. D. Karthik Prabhu, AP(SG)/EEE
2.		Mr. A. Arun Kumar, AP(SG)/EEE
3.		Mr. E. Thangam, AP(SG)/EEE
4.	Hashan Medicare, Rajapalayam	Dr. K. Karthikeyan, ASP/EEE
5.		Dr. S. Kannan, HoD/EEE
6.		Mrs. S. Jeyanthi, AP(SG)/EEE

Suggestions from the members:

- MoU utilization needs to be strengthened.

- The department can collaborate with the industrial person from MoU signed companies to publish paper, submit project proposal and solve industry / societal problems.
- An industry expert interaction session can be planned once a month.
- All the faculty members are encouraged to undergo industrial training, since it is mandatory for CDIO.
- Students shall be encouraged to undergo their mini- and major projects in the industries.
- The department should encourage the students to do internship at reputed companies / industries / organizations.
- The impact analysis of the internship / industrial training can be done and presented in the slides.

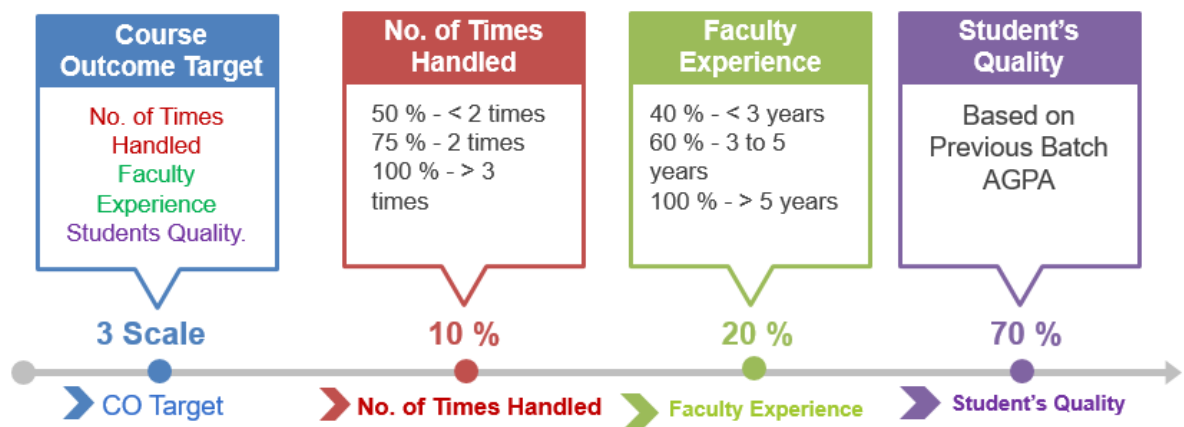
3. ATTAINMENT OF COs, POs, PSOs WITH PROGRAM EFFECTIVENESS (2021-22)

The points presented in the 7th PAQIC meeting by **Mr. E. Thangam, AP(SG)/EEE** and **Mr. A. Guna AP/EEE** are as follows,

a. Assessment methods practiced in the last academic year.

Direct	Indirect
Internal Assessment Test 1,2,3, Assignment, Quiz, Course Exit Survey	Alumni Exit survey, Program Exit survey

b. Proposed Course Outcome Target Setting Procedure for CO Attainment – R 2017 (With effect from 2021 – 2022 Odd Semester)



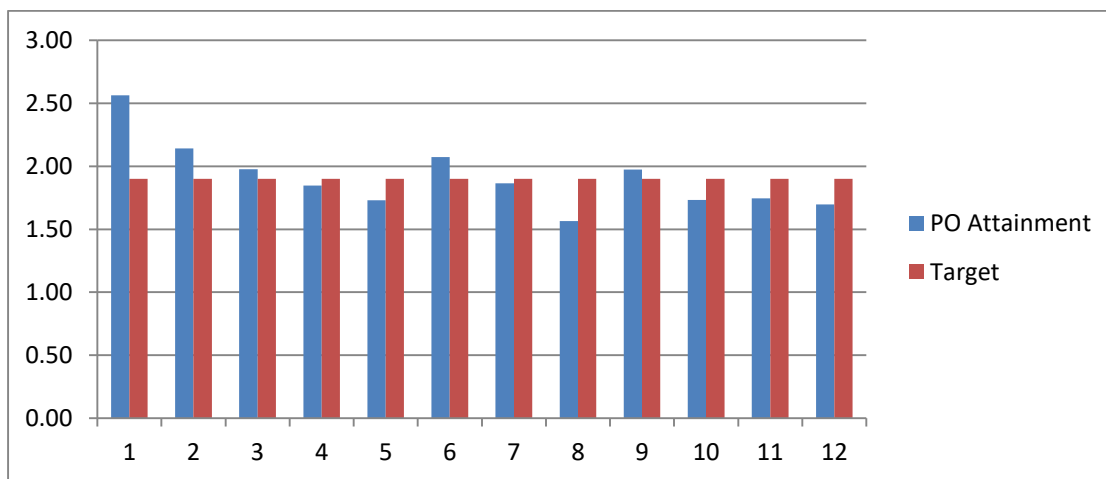


f. Target Setting Procedure for PO & PSO Attainment – R 2017

Batch	PO / PSO Target
2017 – 2021	1.8 (60 % of Mapping)
2018 – 2022	1.85
2019 – 2023	1.9
2020 – 2024	1.95

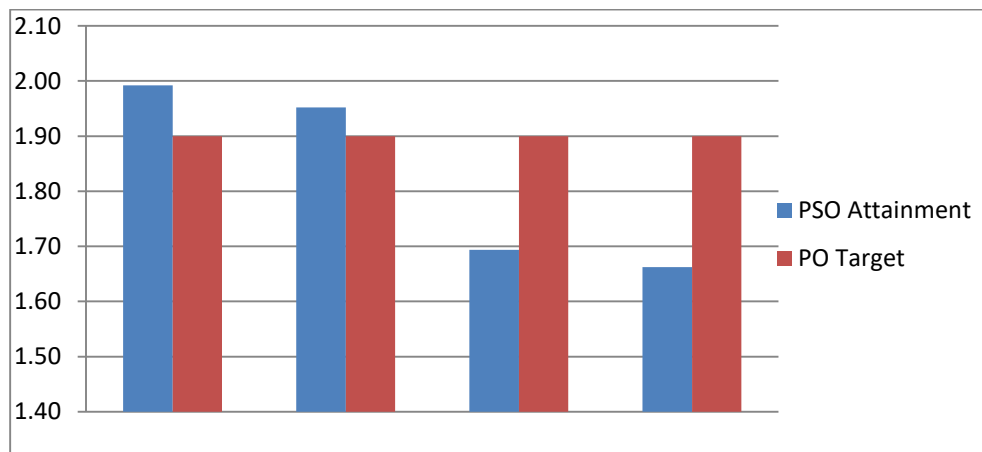
g. Details of PO Attainment

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PO Mapping	2.3	1.9	1.5	1.8	1.2	1.9	2.1	1.9	1.9	1.8	2.2	1.7
Target	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
PO Attain.	2.56	2.14	1.98	1.85	1.73	2.07	1.87	1.57	1.97	1.73	1.75	1.70



h. Details of PSO Attainment

PSO	PSO1	PSO2	PSO3	PSO4
PSO Mapping	1.3	1.4	1.3	1.2
Target	1.9	1.9	1.9	1.9
PSO Attain.	1.99	1.95	1.69	1.66




i. Initiatives and Feasibility of adding Co-Curricular and Extra-Curricular activities towards PO attainment

- A set of co-curricular and extracurricular activities should be planned for every batch of students, mapping a minimum of three Program outcomes like ethics, environment, and sustainability, and the engineer and society.
- PO mapping should be carried out prior to the conduct of the activities.

- Each activity's outcome should be calculated on a 3-point scale. (>60% means 1, >70% means 2, >80% means 3).
- Since it is planned to be included in the PO attainment of the batch of students, we must ensure a minimum of 80% of the students participate in all the activities.

Course Index	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C101	3	2	1	1	1		1		2	1	2	3
C102	3	2	1	1	1		1		2	1	2	3
....
C416	3	2	1	1	1		1		2	1	2	3
C501												
C502												
C503												

 Co-Curricular and Extra-Curricular activities

Regular Courses from I Semester to VIII Semester

j. Actions to be taken to get Maximum Score in Criterion 3

- CO-PO Mapping, CO-PSO Mapping, Target Calculation Procedure, Course Outcome Calculation Procedure, and PO/PSO Outcome Calculation Procedure should be familiar to all faculty members.
- Every faculty member must be able to give a proper, unique justification about the entire process we are following in attainment calculation.
- The course file should be prepared with utmost care, and all evidence should be provided on the spot.
- All faculty members, please try to take steps towards the attainment of POs 6 to 12, because these outcomes cannot be attained in the classroom.
- Faculty cooperation in the aspect of on-time submission of the completed course file is highly essential.

n. External member suggestions:

- The department can initiate the PEO attainment for the first one or two batches. The expert member in the next NBA cycle may ask for the attainment calculation procedure, level of attainment and improvement action plan.
- HoD sir insisted that the course files can be collected periodically and there should not be any pending files collection up to the evaluation period.
- The department can offer value added courses and conduct webinar, workshop and other activities that help in PSO attainment.
- Co-Curricular and Extra-Curricular activities towards PO attainment can be included in consultation with college NBA coordinator.

4A. STUDENT PARTICIPATION: PROFESSIONAL SOCIETIES AND TECHNICAL ASSOCIATION

Presenter: Mr. A. Arun Kumar, AP (SG) / EEE & Mr. A. Guna, AP/EEE

- The annual activities of professional societies were presented. It has been observed that all the planned activities have been conducted.



Suggestions given by the members

- Members have appreciated the professional society coordinators for the activities conducted.
- Members have suggested conducting activities by inviting industrial experts. Also, based on the appropriateness the activities shall be shown as an Innovative Practice for the theory course.
- Members suggested that the annual plan of the department can be prepared in that all the society and association activities can be shown.
- The activities planned should address / help in achieving all the POs.
- Members suggested that the impact analysis and feedback analysis of the professional society activities can be done and presented in the slides. The same can be utilized for PO attainment calculation.

4B. STUDENT PARTICIPATION: INTER-INSTITUTE EVENTS AND ONLINE COURSE

Presenter: Dr. K. Karthikeyan, ASP/EEE on behalf of Dr. B. Deepa Lakshmi, ASP/EEE

- The student's participation in the various events, Internship, technical symposiums, conferences and online course completion details are presented.
- The prize winning details are also presented.



Suggestions by members:

- The department must encourage the students to participate in more events especially the inter-institute events and other state events. Since in NBA, such activities only will be considered for awarding points.
- Members appreciated that more students have completed the online courses and also suggested that many students should be encouraged to do domain related fundamental courses.
- Members suggested that the department should devise an effective mechanism to track the student's participation.

5. FACULTY CONTRIBUTIONS AND R & D ACTIVITIES

Presenter: Mr. D. Karthik Prabhu, AP (SG) / EEE

- The current status of the NBA criteria 5 has been thoroughly presented in the slides.
- The faculty cadre ratio, faculty student ratio, faculty retention ratio, and research and development activities of the department have been presented.
- The details of the faculty participations in faculty development/training activities/STTPs and online course completion details are presented.
- The visiting professor class details have been presented.
- The sanctioned project details and consultancy works have presented.

Remarks from Members:

- Members suggested that the number of faculty participation in FDP, short term courses and workshop should be increased.
- Members suggested that the patent application process should be initiated. The follow-up should be done for the already applied patent.
- Members suggested that funded project proposal count can be increased.
- Members suggested that research activities should have a focus on NIRF also.
- The department must focus on improving the academic results. The results of the I year and III year in odd semester is not up to the mark.
- It is good to see that the department has started consultancy work. It still needs improvement.

6. NEW FACILITIES CREATED & LABORATORY UTILIZATION

Presenter: Mr. S. Meenakshi Sundaravel, AP (SG)/EEE

- The servicing of lab equipment's in control and Instrumentation lab, Power Electronics lab, Electrical Machines lab and Engineering Practices lab were completed.
- The details of the additional facilities purchased such as PLC and Moku Go M2 kits are presented.
- The utilization of the additional facilities for conducting the value added courses namely Industrial Automation using PLC & SCADA and Internet of Things have been presented.
- The students have utilized the additional facilities for doing their projects, those details have been presented.

Suggestions from the members:

- Members suggested that the utilization registers for Project laboratory and additional facilities can be maintained regularly.
- Members suggested that the format provided in the NBA SAR manual can be used for maintaining the additional facilities utilization.
- Members suggested that the laboratory experiments can be developed and conducted using the additional facilities.

7. CONTINUOUS IMPROVEMENTS

Presenter: Mr. A. S. Vigneshwar, AP (SG) /EEE

Presented the process of continuous improvement and following points are discussed.

- Student admission cutoff details are presented to members and details are given below.

For 2022-23

- ✓ The number of admitted students is 57
- ✓ The opening cutoff is 172.5
- ✓ The closing cutoff is 93

For 2021-22

- ✓ The number of admitted students is 60
- ✓ The opening cutoff is 190.13
- ✓ The closing cutoff is 127

For 2020-21

- ✓ The number of admitted students is 26
- ✓ The opening score is 154
- ✓ The closing score is 80

The cutoff for first year admission is maintained at average of 172.21 for opening cutoff and 100 for closing cutoff. The quality of admitted students is keeps on improving.

- Placement percentage is 79% considering the total strength and 97% considering placement opted students. The detailed training and placement details are described in separate section. The average CTC is improved compared to previous batches. Also consistent in placement percentage is achieved.
- The external academic audit conducted on 27.02.2023. The good practice followed by the department is highlighted. Also finding and remedial actions implanted were presented to members.
- The calculation of PO-PSO mapping for 2022 batch is completed and action taken for implementation is completed. The calculation of PO-PSO mapping for 2023 batch is completed and action taken for implementation is yet to be completed.

Suggestions from the members

- Members suggested that the department should address the not attained POs and PSOs with proper write up and remedial actions. The same can be completed for each and every semester and presented in the next meeting.
- The department can plan for the activities to improve the attainment of various POs and PSOs for the up-coming batches well in advance and execute the plan without fail.
- Members suggested that the coordinator can ensure that the implementation of the proposed action for the audit findings.

8A. TRAINING AND PLACEMENT PROGRESS

Presenter: Mr. A. S. Vigneshwar, AP (SG) /EEE

Presented the placement progress for the batch 2019-2023 and following points are discussed.

- Placement percentage is 79% considering the total strength and 97% considering placement opted students.
- Total Number of company visited is 53, out of which 33 are IT, 19 are Core and 1 Training and development.
- Highest CTC of the batch is 8.4 LPA & 8 LPA.
- Average CTC is increased to 3.5 LPA compared to last batch with 2.62 LPA and Lowest CTC is 2 LPA.
- List of companies visited were presented with sector wise.
- In 2020-2024 batch, 7 Students were placed.

Presented the training progress and summary are given below. Also training initiatives taken by internal faculty members were also presented.

Sl. No.	Training Details	Training Provider	Duration	Semester	Year	No. of Students Benefitted
1	General Training	Top Fresher, Chennai (External)	19.01.2023-23.01.2023 5 Days	I	I	57
2	Soft Skills Basic Aptitude & Programming	Top Fresher, Chennai (External)	13.02.2023-17.02.2023 5 Days	IV	II	64
3	Soft Skills Basic Aptitude & Programming	Top Fresher, Chennai (External)	13.02.2023-17.02.2023 5 Days	VI	III	60
4	Company Specific Training -Yaskawa	EEE Dept Faculties (Internal)	13.03.2023-18.03.2023 6 Days	VII	IV	2
5	Company Specific Training- embedUR	CSE Dept Faculties (Internal)	25.04.2023-26.04.2023 2 Days	VI	III	7
6	Company Specific Training – Tessolve	EEE Dept Faculties (Internal)	24.06.2023-30.06.2023 7 days	VI	III	19

Suggestions from the members

- Members suggested that the average CTC should be improved. It is good that the higher CTC is improved from the last year.
- Members suggested that the core company placement needs to be improved.
- Members suggested that the placement in reputed companies must be explored and brought in for the recruitment.

8B. EDC & CARRIER GUIDANCE CELL ACTIVITIES

Presenter: Mrs. S. Sharmilakumari, AP /EEE

- Presented the details of the events conducted by the EDC, IIC and carrier guidance cell and number of students benefitted from those events for the academic year 2022-2023 even semesters.
- Presented the action taken for the last meeting suggestions by the members.

Suggestions from the members

- The members suggested that the awareness programs for public sector career opportunities for EEE students such as UPSC and TNPSC can be conducted.
- The members suggested that the students should be encouraged for taking entrepreneurship role. They must be endorsed to attend the various entrepreneurship conclaves.
- Members suggested that the faculty should be trained to act as a carrier guidance experts, so that the students can get advice from them.



8C. STUDENT FEEDBACKS AND ANALYSIS

Presenter: Mrs. S. Sharmila Kumari, AP /EEE

- The modes of collecting student's feedback such as Online Feedback System in every semester, Class committee meeting and Course committee meeting has been explained.

- The Class committee meeting and Course committee meeting comments and actions taken for those comments are also presented.
- The analysis of the academic student feedback, PTA meeting Feedback and alumni Feedback has been presented. The actions taken for improving the academic feedback PTA meeting Feedback and Alumni Feedback score are also presented.
- The self-learning practice among the students and actions planned for improving this activity have been discussed.


Suggestions from the members

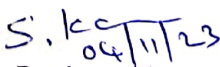
- The members suggested to explore the possible ways of analysing the individual subject feedback and present it in the forthcoming meetings.
- The members suggested that the quantitative data for the feedback analysis and its remedial measures can be presented.

9. BUDGET ALLOCATION AND UTILIZATION (2022-23)

Presenter: Mr. A. Arun Kumar, AP (SG) /EEE

- The budget allocated and utilized under various categories such as capital goods, recurring items, research and development, co-curricular activities, department development activities and faculty enhancement and enrichment activities by the department for the academic year 2022-23 has been presented.
- During this assessment period, the fund is utilized for faculty research incentives and professional society activities.
- The members suggested that the department should do maximum utilization of the budget allotted for the development.
- The members suggested that the additional facilities required for doing academic research and projects can be procured in the upcoming semesters.


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