



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 – 2024

Minutes of Meeting – 8th Program Assessment & Quality Improvement Committee (PA&QIC)

Date of Meeting : 28.05.2024 (Tuesday)
Time of Meeting : 02:00 PM to 04:30 PM
Reference : RIT/EEE/PA&QIC/08
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	Professor / EEE	Member
3.	Dr. D. Karthik Prabhu	ASCP / EEE	Member
4.	Mrs. C. Subha	AP (SG) / Civil	Member
5.	Dr. M. Gomathynayagam	Associate Professor & Head / CSBS	Member
6.	Dr. T. Vigneswari	AP (SG) / Physics	Member
7.	Dr. J. Jerold John Britto	AP (SG) / Mechanical	Member
8.	Dr. B. Deepa Lakshmi	ASCP / EEE	Representative
9.	Dr. P. Prem	ASCP / EEE	Representative
10.	Dr. A. Arun Kumar	AP (SG) / EEE	Representative
11.	Mr. E. Thangam	AP (SG) / EEE	Representative
12.	Mr. S. Meenakshi Sundaravel	AP (SG) / EEE	Representative
13.	Mr. A. S. Vigneshwar	AP (SG) / EEE	Representative
14.	Mrs. S. Jeyanthi	AP (SG) / EEE	Representative

Sl. No.	Name of the Faculty Member	Designation	PAQIC
15.	Ms. S. Sharmila Kumari	AP / EEE	Representative
16.	Mrs. G. Sivapriya	AP / EEE	Representative
17.	Mrs. S. Narthana	AP / EEE	Representative

The agenda of the meeting

Sl. No.	Topics to present	Faculty In-charge	Time
1	Review of Previous meeting (7 th PA&QIC)	Dr. K. Karthikeyan	2.00 – 2.05 PM
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	2.05 – 2.20 PM
2b	Institute – Industry Interactions and its impact - Internship & In-Plant Training	Mr. E. Thangam & Dr. K. Karthikeyan	2.20 – 2.30 PM
3	(i) Attainment of COs, POs, PSOs with program effectiveness (2022-2023), (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 & Mrs. G. Sivapriya	2.30 – 2.40 PM
4a	Student Participation: Professional Societies and Technical Association	Mrs. S. Jeyanthi & Dr. P. Prem	2.40 – 2.50 PM
4b	Student Participation: Inter-Institute events and online course	Dr. B. Deepa Lakshmi	2.50 – 3.00 PM
5	Faculty Performance, Participations, online course and Research and Development activities	Dr. D. Karthik Prabhu	3.00 – 3.10 PM
6	New facilities created & Laboratory utilization	Mr. S. Meenakshi Sundaravel	3.10 – 3.15 PM

7	Continuous Improvements	Mr. A.S. Vigneshwar	3.15 – 3.30 PM
8a	Training and Placement Progress	Mr. A. S. Vigneshwar	
8b	EDC & Carrier Guidance Cell activities	Mrs. S. Narthana & Mrs. G. Sivapriya	3.30 - 3.45 PM
8c	Feedback Analysis (Student / Parent / Alumni) / Recruiters / Employee)		
9	Budget allocation and Utilization	Dr. A. Arun Kumar	3.45 – 3.50 PM
10	Any other matters		3.50 – 4.00 PM

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

Presenter: Dr. K. Karthikeyan, Professor / EEE

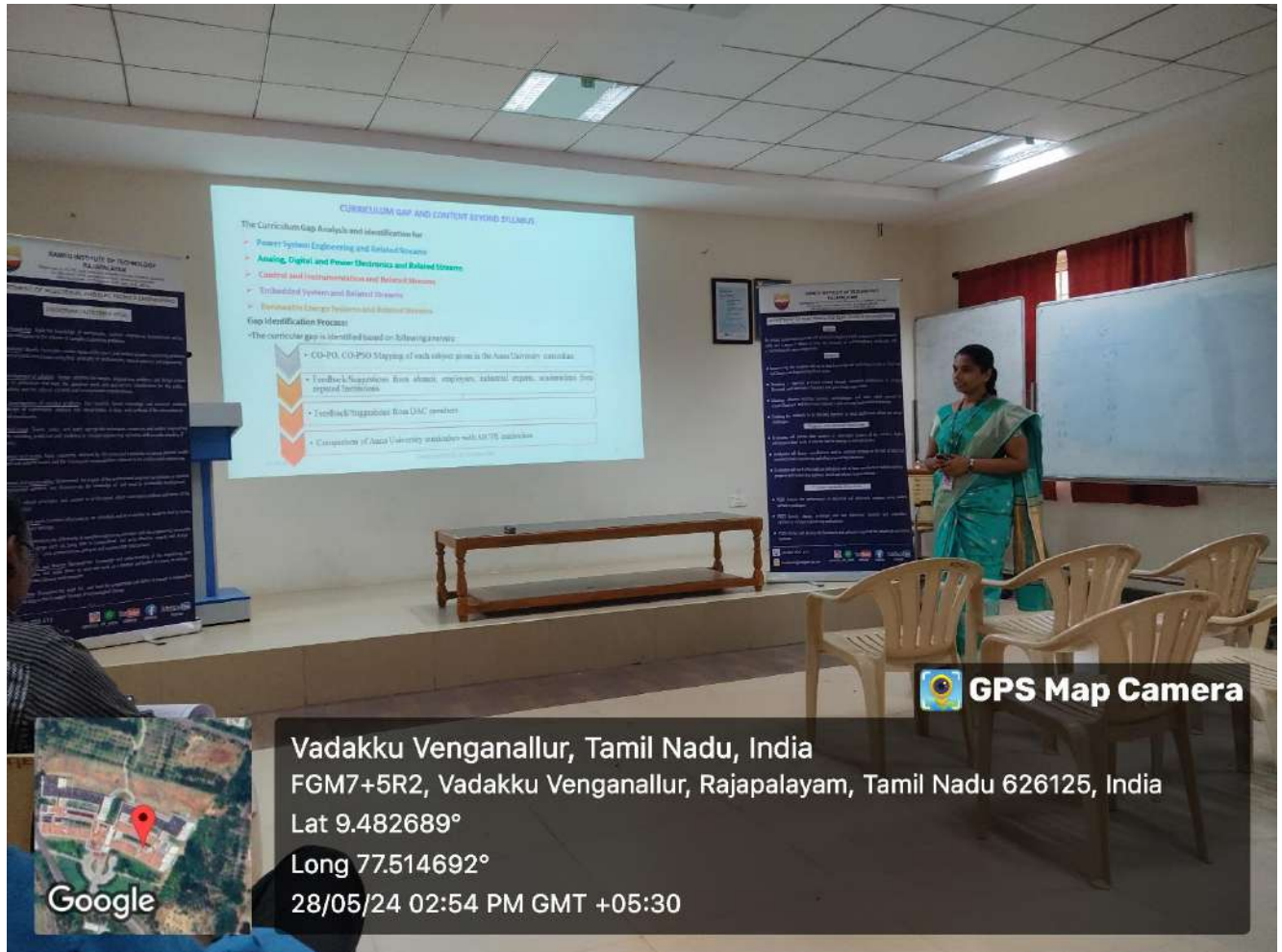


- The member suggestions from the 7th PAQIC meeting was discussed in the topics of teaching learning process, industry – institute interactions, PO and PSO attainment calculation, Student participation, Faculty contributions to the department, new facilities created in the department, continuous improvement, training and placement, EDC and Carrier guidance cell activities, Student feedback and analysis, and Budget allocation and utilization.

- Members suggested that each and every process owner can present these points in their slides along with their remedial actions.

2A. TEACHING AND LEARNING PROCESS

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



- The curricular gap within each domain has been identified, and it will be addressed for the respective students through content beyond the syllabus. Justification for aligning this additional content with Program Outcomes (POs) and Program Specific Outcomes (PSOs) has also been provided.
- Innovative practices have been implemented in all courses, with corresponding evidence documents available on the website for peer review and critique.
- Students have been classified into advanced, average, and slow learners, and tailored strategies have been developed for each category to support their learning needs.

- Rigorous scrutiny has been conducted on all Internal Assessment Test question papers, and evidence of improvements in question paper quality has been presented.

Member suggestions

- The clarity presentation slides pictures should be improved.
- The Geo-tagged photos should be used for the preparing the presentation slides.
- The date and duration of the events should be provided in the slides.
- The curricular gap identification should be send to the Anna University regularly.
- The domain classification should be discussed and finalized in the DRM. If it is based on the verticals, it needs to be ensured that all the verticals are covered.
- The industry lectures should be planned and conducted from this July onwards.
- From the next semester onwards, the assessment of content beyond the syllabus should be done by all faculty members.

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

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

- The industrial training provided to the students and MoU activities has been presented.
- The impact of the MoU activities such as number of students undergone internship, number of students got placement in the MoU signed companies has been presented.
- The impact of the internship has been presented.

Member suggestions

- The utilization of the MoU needs to be strengthened.
- The total number of students involved in the internship should be improved.
- The more number of companies such as Tessolve should be explored for placement and internship.
- Every semester, the internship coordinator should circulate the list of approved companies (minimum of 50) for doing internship among the students.



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

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

- The number of courses attained their CO target has been presented for the batches 2019-23, 2018-22, and 2017-21.
- The list of CO target not attained courses has been presented.
- The PO and PSO attainment calculation for the batch 2019-23 has been presented.
- The new course outcome target calculation process has been proposed and discussed in detail.
- The feasibility of adding Co-curricular and Extra-curricular activities towards CO attainment has elaborately discussed.
- The action to be taken by the department for getting maximum score in Criteria has been presented.

Member suggestions

- The faculty members can do the NPTEL course NBA accreditation and Teaching – Learning in Engineering (NATE) for better understanding of the NBA process.

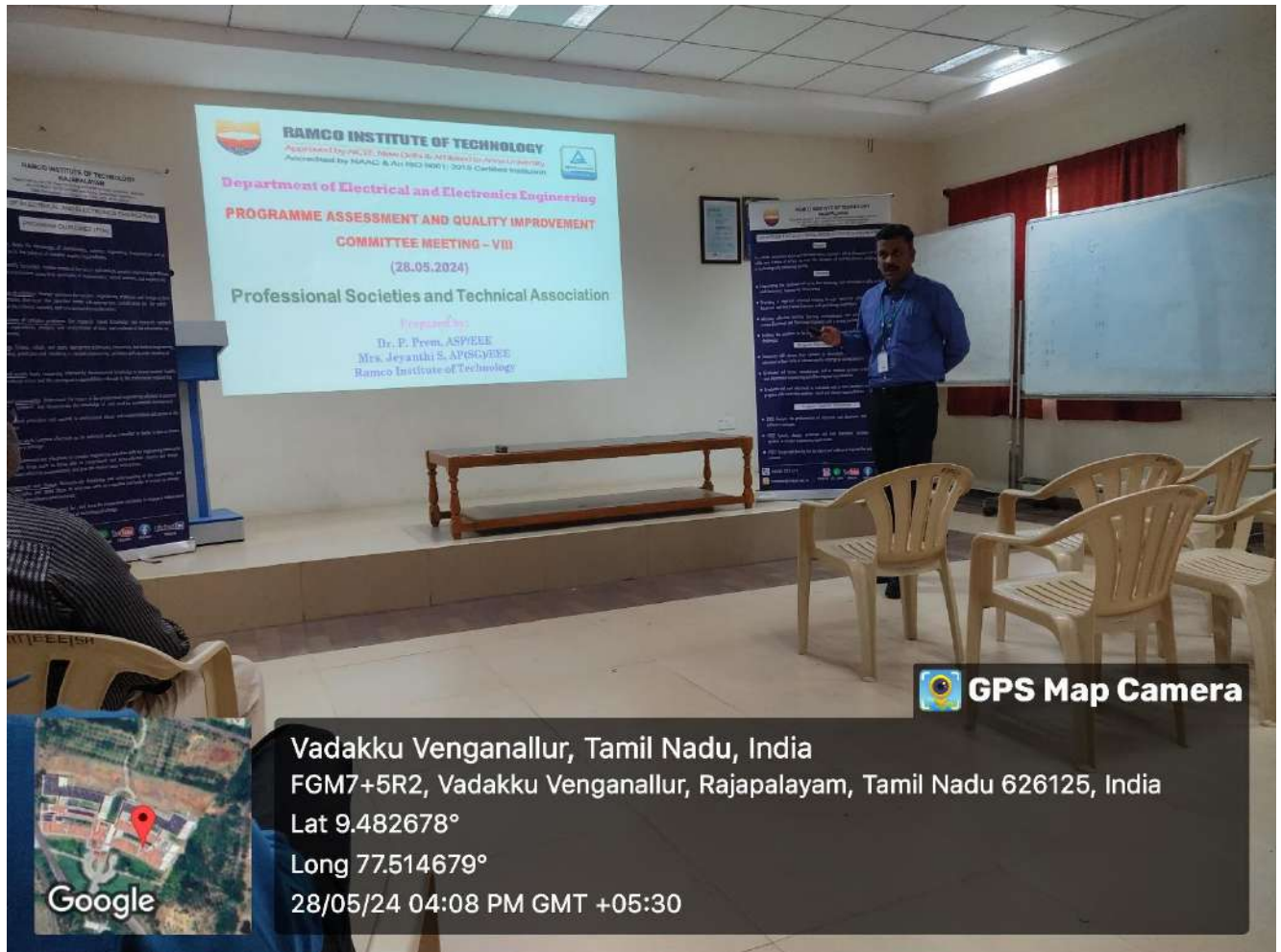
- The PO target procedure should be discussed and changed
- The evaluation of the PSO attainment should be discussed and started for the first two batches of the department.
- The IAT pass percentage of the subjects not attained course outcome should be presented.



4A. STUDENT PARTICIPATION: PROFESSIONAL SOCIETIES AND TECHNICAL ASSOCIATION

Presenter: Dr. P. Prem, ASCP / EEE

- The number of events conducted by the professional society IE(I) and Technical Association RIT-Electra during the assessment period has been presented.
- The number of participants, resource person, and the participant feedback analysis has been presented.



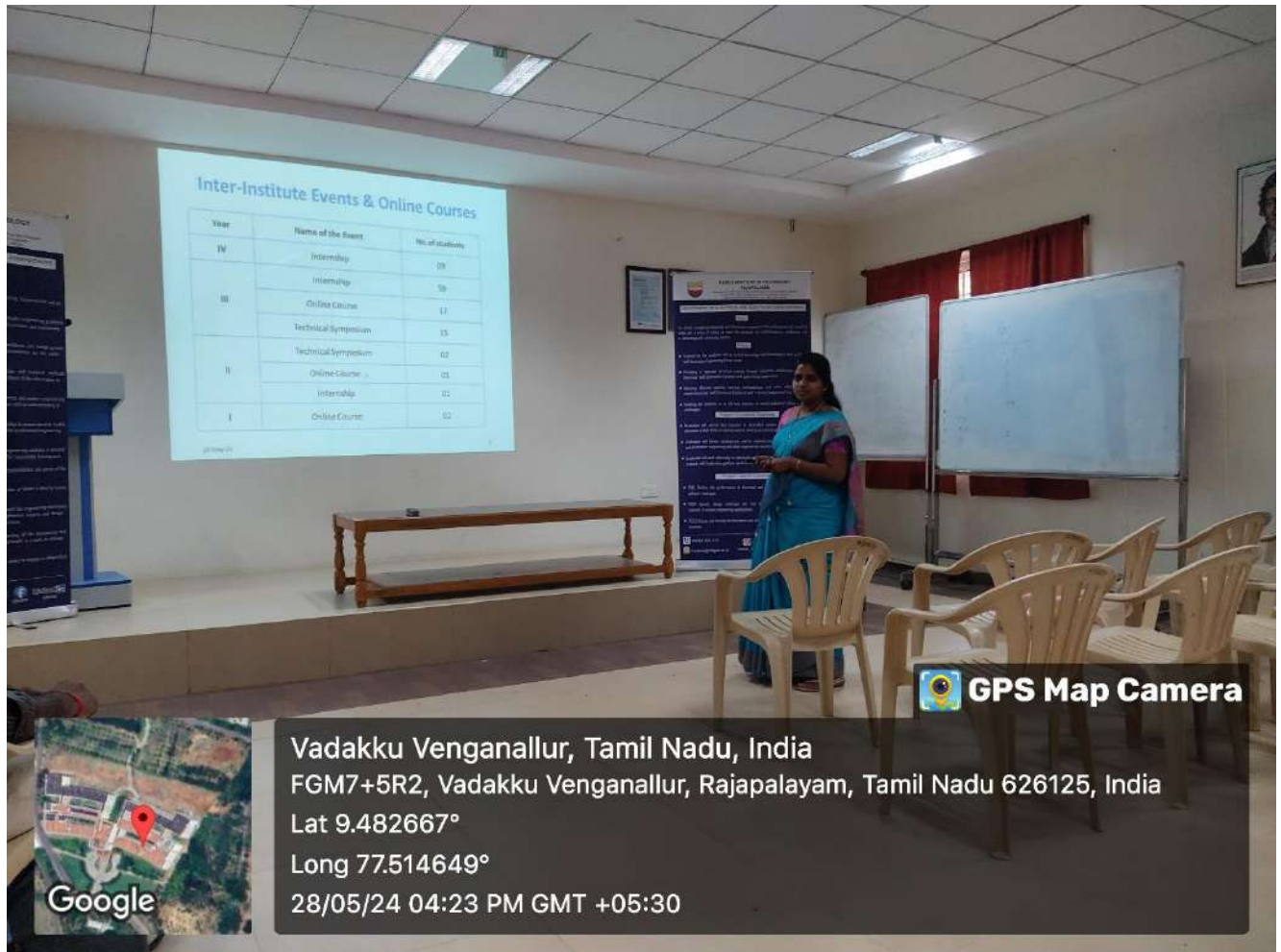
Member suggestions

- The IEEE student chapter can be reinitiated from the department.
- The Student Member in IE (SMIE) also can be initiated.
- The number of student project proposal submission to the professional societies should increase.

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

Presenter: Dr. B. Deepa Lakshmi, ASCP / EEE

- The student participation in Inter-Institute events and online courses along with sample certificates has been presented.
- The companies visited by the students for their internship and sample certificates has also been presented.
- The student participation in intercollege symposium is also presented.



Member suggestions

- The detailed participation of the students can be provided in the slides.
- The number of student participation and prize winning should be improved.
- The status of the other student activities such as Technical Magazine can be shown in the slides.
- The department should encourage the students participating in the events organized by the reputed colleges like IITs, NITs, etc.

5. FACULTY CONTRIBUTIONS AND R & D ACTIVITIES

Presenter: Dr. D. Karthik Prabhu, ASCP / EEE

- Presented the Faculty contribution during the period 2023-24 Odd semester including student faculty ratio, Faculty qualification, publications, funded projects, consultancy, patents applied and granted, Adjunct Faculty class delivered details and faculty online course details.
- Members suggested that to increase the funded project applied count.
- Members suggested that apply for seminar and workshop grant

- Members appreciated that two patents were granted
- Members appreciated that more consultancy works were initiated.



Member suggestions

- The faculty should actively post their class delivery contents in the slide share and YouTube.
- The one faculty from the department should participate in one program.
- The five faculty members should complete six days' program in a year to score full marks.
- The number of funded project proposal submission should be increased every semester.
- The faculty members should explore the consultancy opportunities.

6. NEW FACILITIES CREATED & LABORATORY UTILIZATION

Presenter: Dr. P. Prem, ASCP/EEE on behalf of Mr. S. Meenakshi Sundaravel, AP (SG)/EEE



- New Facilities created were presented for the Academic year 2023-24 Odd semester.
- Laboratory facilities were utilized for theory and practical classes through innovative practices.
- Project laboratory facilities were utilized by the students for doing mini projects and participated in Mini Project contests.
- Utilization registers for all the laboratory facilities are maintained regularly.

Member suggestions

- The utilization percentage of each lab, component and equipment can be included in the slides.

+

+

7. CONTINUOUS IMPROVEMENTS

Presenter: Dr. A. Arun Kumar, AP (SG) / EEE on behalf of Mr. A. S. Vigneshwar, AP (SG) /EEE

Item		CAY (2022-23)	CAY01 (2021-22)	CAY02 (2020-21)
State/University Level Entrance Examinations Others (Tamil Nadu Engineering Admission)	No. of Students admitted	100	77	60
	Opening Score/Mark	175.5	175.8	176.7
	Closing Score/Mark	97	84	117
	No. of Students admitted	8	4	11
Name of the Entrance Examinations for Lateral Entry or lateral entry details	Opening Score/Mark	86.14	87	84
	Closing Score/Mark	73.87	82.88	87

Vadaku Venganallur, Tamil Nadu, India
FGM7+5R2, Vadaku Venganallur, Rajapalayam, Tamil Nadu 626125, India
Lat 9.48266°
Long 77.514652°
28/05/24 02:23 PM GMT +05:30

- The number of students admitted in the last three academic years has consistently increased. Also the opening score is consistently maintained above 170 out of 200 in all the years.
- The opening score of lateral entry students is consistently maintained above 85 % in all the years.
- The placement percentage is maintained **more than 80% consistently**.
- The quality and **core industry hiring has consistently increased** in the last three academic years.
- The notable core companies visited and hired our students in campus are given below.
 - ✓ Tessolve Semiconductor (4.5 LPA)
 - ✓ Yaskawa (4 LPA)

- ✓ Ramco Cements (3.25 LPA)
- ✓ Pinnale Infotech (3.3 LPA)
- ✓ Salcomp (3 LPA)
- ✓ Igarasi Motors (2.5 LPA)

- The **average CTC** has continuously maintained **above 3 LPA** in the last three academic years.
- The **Highest CTC** is consistently maintained **above 6 LPA** in the last three academic years.
- The ISO internal audit is conducted on 15.07.2023 to 17.07.2023. The following findings and action taken are planned.

Findings:

1. Not able to identify the students who have not completed the In-Plant Training and internship details
2. Student Mini Projects (ACF 210) - Consolidation is missing in the file.

Actions taken:

1. Identified the not completed status of In-Plant Training and internship details and updated in file and in website also.

https://www.ritrjpm.ac.in/departments/electrical-electronics_engg/electrical-electronics-engg-program-organized-iv-ipt-internship-.php

2. Student mini project details are consolidated and updated in file.
- The ISO internal audit is conducted on 27.11.2023 to 28.11.2023. The following findings and action taken are planned.

Findings:

1. All III year students undergone internship, IV year- 5students yet to go for internship
2. Activities conducted, consolidated list of activities not available
3. The number of innovative practices used can be improved.
4. The curriculum feedback may be collected from all the stakeholders.

5. The outside student participation needs to be improved.
6. The student's participation in Internship needs improvement.

Actions taken:

1. All the five students who are yet to for internship is completed and updated in website.

<https://www.ritrjpm.ac.in/departments/electrical-electronics-engg/electrical-electronics-engg-program-organized-iv-ipt-internship-.php>

2. Consolidated list of activities conducted in professional societies and kept in file.
3. The number if innovative practices conducted is increased and updated in website.

<https://www.ritrjpm.ac.in/departments/electrical-electronics-engg/eee-innovative-practices.php>

4. Curriculum feedback is collected from all stockholders.
5. Students outside participation is improved.

<https://www.ritrjpm.ac.in/departments/electrical-electronics-engg/electrical-electronics-engg-program-organized-student-participation.php>

6. Students participation in internship is improved.

Member Suggestions:

- The average cut-off of all the students can be calculated and the insights from the analysis can be presented in the meeting.
- Action taken for the subjects not attained its outcome should be presented in the meeting.

8A. TRAINING AND PLACEMENT PROGRESS

Presenter: Dr. A. Arun Kumar, AP (SG) / EEE on behalf of Mr. A. S. Vigneshwar, AP (SG) /EEE

- The Overall placement percentage with respect to opted for placement students is 98% and with respect to total strength is 75%.
- The number of company visited is 35 out of which 25 companies are core, 8 are IT, 2 are others.



- The major recruiters for this year is Tessolve, Ramco Cements, Pinnacle, Igarashi motors, ZF, Sonacomstar, Sandatta and Sri Sai power equipment private limited.
- The highest CTC is 4.5 LPA, average CTC is 3 LPA, lowest CTC is 2.5 LPA.
- The following trainings are carried out
 - ✓ Salesforce company specific training for IV year students from 19.07.2023 to 28.07.2023 by CSE faculty members.
 - ✓ General training for IV year students from 07.08.2023 to 10.08.2023 by external trainers.
 - ✓ Hexaware company specific training for IV year students from 28.07.2023 to 01.08.2023 by external trainers.
 - ✓ Kaar company specific training for IV year students from 16.08.2023 to 19.08.2023 by external trainers.

Member suggestions

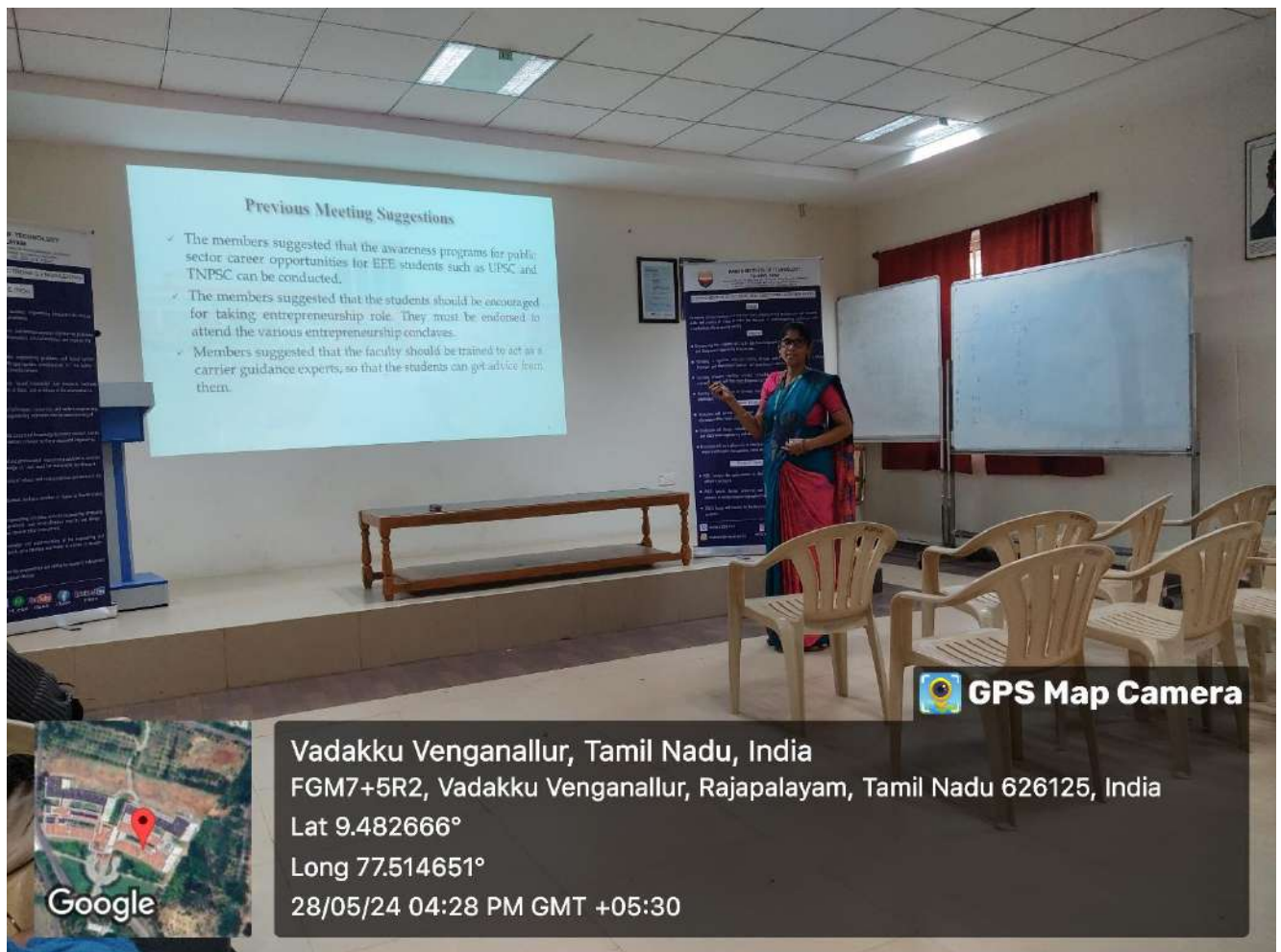
- The number of companies visited the campus is 35. The count is increasing likewise the quality of the placement should also increase.
- The higher CTC is wrongly mentioned in the slides; it is 4.5 LPA only.

8B. EDC & CARRIER GUIDANCE CELL ACTIVITIES &

8C. STUDENT FEEDBACKS AND ANALYSIS

Presenter: Mrs. S. Narthana, AP /EEE

- Various events conducted by the EDC, IIC and CG cell and number of students benefited from those events for the academic year 2023-2024 (Odd semester) have been presented.
- The collection of student's feedback for the individual subject through an online feedback system has been presented every semester. Class committee meetings and Course committee meetings have been made along with the respective actions.
- The specific training given by the companies have been utilized by the students effectively.



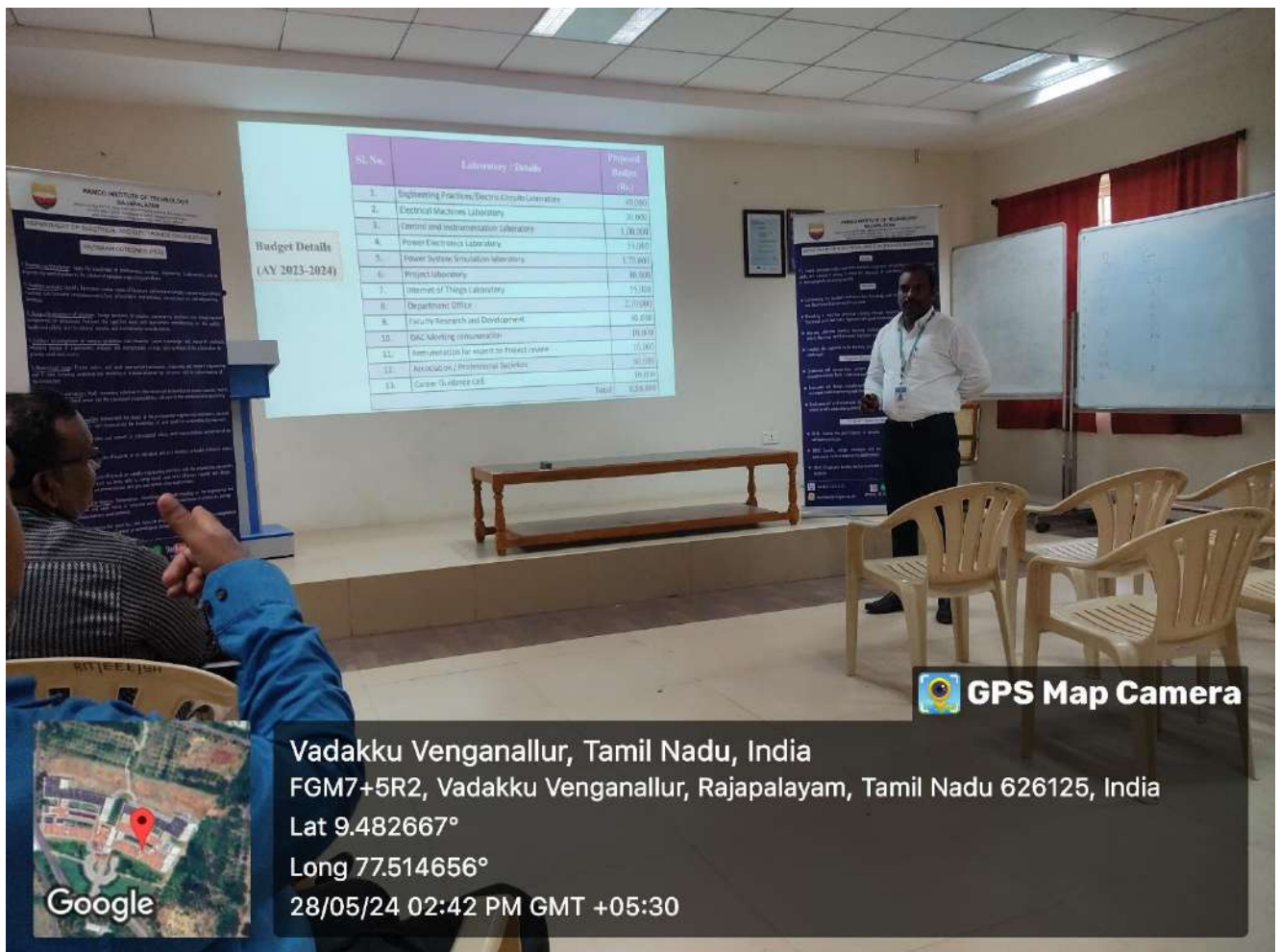
Member suggestions

- The EEE student strength in the college level events should be presented in the slides.
- The Virtual lab utilization should be verified with faculty members before presenting it to the members.
- The Alumni meet should be conducted for the admission promotion.

9. BUDGET ALLOCATION AND UTILIZATION (2022-23)

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

- The budget proposal which was submitted for the academic year 2023-24 has been presented.
- The department expenditure details for the calendar year 2023-24 was presented. The laboratory wise expenditure details for recurring and non-recurring items have been presented.
- The discussion for additional equipment purchased has been made.



GPS Map Camera

Vadaku Venganallur, Tamil Nadu, India

FGM7+5R2, Vadaku Venganallur, Rajapalayam, Tamil Nadu 626125, India

Lat 9.482667°

Long 77.514656°

28/05/24 02:42 PM GMT +05:30

Google

Member suggestions:

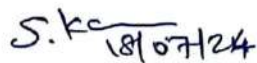
- The adjunct faculty salary has been included in the department office expenses. It should be properly added to the corresponding budget head.
- The expenses spend on the R&D and Value added courses (VAC) should be increased.


18/7/24

Prepared by

Dr. K. Karthikeyan

NBA Coordinator / EEE


18/07/24

Reviewed by

Dr. S. Kannan

HoD/EEE


18/7/24

Approved by

Principal