



RAMCO INSTITUTE OF TECHNOLOGY

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

**Department of Electronics and Communication Engineering
(Accredited by NBA)**

Department Advisory Committee Meeting-VII Agenda

Ref.: RIT/ECE/DAC/07

Date: 28.12.2024

The Seventh Department Advisory Committee (DAC) meeting is scheduled on **09.01.2025 (Thursday)** from 02.00PM to 03.30PM through Google meet. All DAC members and faculty members are invited to attend the meeting. The agenda is given below.

Sl. No.	Points of Discussion	Faculty In-charge
1.	Review of 6 th DAC Meeting.	1. Mr.B.Kannan
2.	Dissemination of Institute and Department Vision, Mission, Department PEOs and PSOs.	1. Ms.S.Harini shriram
3.	Program Curriculum, Processes Followed to Improve Quality of Teaching and Learning, Quality of Internal Question Papers, Assignments and Evaluation, Quality of Student Projects, Initiatives Related to Industry Interaction, Initiatives Related to Industry Internship/Summer Training.	1. Dr.A.Azhagu Jaisudhan Pazhani 2. Dr.S.Vairaprakash 3. Dr.A.Lakshmi 4. Mr.D.Gopinath 5. Mr.A.Rameshbabu 6. Ms.R.Chandralekha
4.	Attainment of COs, POs, PSOs with Program Effectiveness (2019-2023 Batch).	1. Mr.R.Deiva Nayagam 2. Mr.G.Sivakumar 3. Ms.S.Harini shriram
5.	Students Enrolment Ratio, Students Success Rate, Students Academic Performance, Placement, Higher Studies and Entrepreneurship, Professional Activities.	1. Mrs.V.Srirenga Nachiyar 2. Mr.A.Rameshbabu 3. Mr.P.Venkatesh 4. Ms.S.Harini shriram 5. Mr.R.Ramasamy
6.	Student-Faculty Ratio, Faculty Cadre Proportion, Faculty Qualification, Innovation by Faculty in Teaching and Learning, Faculty Participations, Research and Development, Faculty Performance Appraisal, Visiting/Adjunct Faculty.	1. Dr.R.Rajalakshmi 2. Mr.P.Gunasekaran 3. L.Krishna Kumari
7.	New Facilities Created and Technical Support	1. Dr.S.Vairaprakash 2. Mrs.V.Krishna Meera
8.	Status of Continuous Improvement, Training & Placement Progress, Academic Audit Implementation and Effectiveness.	1. Mrs.R.Ramalakshmi 2. L.Krishna Kumari 3. Mr.R.Ramasamy

(Signature)
28/12/2024
Faculty In-charge

(Signature)
28/12/24
HOD(ECE)

(Signature)
28/12/24
Vice-Principal

(Signature)
28/12/24
Principal

Copy to

- 1) All DAC members and faculty members through email
- 2) File



RAMCO INSTITUTE OF TECHNOLOGY

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

Department of Electronics and Communication Engineering
(Accredited by NBA)
Department Advisory Committee Meeting-VII
DAC Meeting Members

Date: 28.12.2024

Sl. No.	Name of the DAC Members	Affiliation	Position
1.	Dr.C.Vasanthanayaki	Principal Government College of Engineering, Bodinayakannur, Theni.	Academic Member
2.	Mr.A.Karthickvel	Tech Lead, Bosch Global Software Technologies Pvt Ltd, Coimbatore.	R&D Member
3.	Mr.K.Moorthi	Director-Business Development, Enthu Technology Solutions India Pvt Ltd, Coimbatore.	Industry Member
4.	Dr.C.Arunachala Perumal	Professor and Head, Department of ECE, Ramco Institute of Technology.	Convener
5.	Dr.A.Azhagu Jaisudhan Pazhani	Associate Professor, Department of ECE, Ramco Institute of Technology.	Co-Convener
6.	Dr.K.Basarikodi	Professor & Head, Department of Mathematics, Ramco Institute of Technology.	Internal Member
7.	Dr.P.Elamparithi	Associate Professor, Department of AI&DS, Ramco Institute of Technology.	Internal Member
8.	Dr.N.Karthikeyan	Associate Professor & Head, Department of Physics, Ramco Institute of Technology.	Internal Member
9.	Mr.B.Kannan	Assistant Professor (Sr.Gr.), Department of ECE, Ramco Institute of Technology.	Internal Member
10.	Mr.G.Harri Ram	Project Leader, Mobiveil Technologies Pvt, Ltd., Chennai.	Alumni Member (Batch 2013-2017)
11.	Mr.A.Sriram	Silicon Validation Engineer, Tessolve Semiconductor Private Limited, Bangalore.	Alumni Member (Batch 2015-2019)
12.	Ms.K.Sukuna	Assistant manager Programmer, Ramco Cements, Chennai.	Alumni Member (Batch 2018-2022)
13.	Mr.G.M.Vairamuthu	System Engineer, Data Patterhs (India), Ltd. Chennai.	Alumni Member (Batch 2017-2021)

Q. S. 28/12/2024
Faculty Coordinator

[Signature]
HOD/ECE

[Signature]
Principal







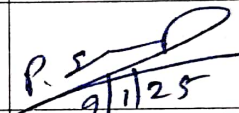
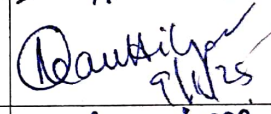
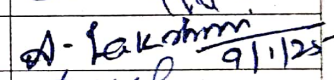
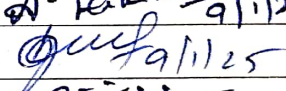
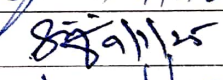
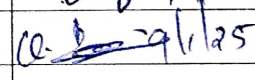
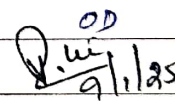
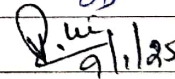
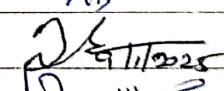
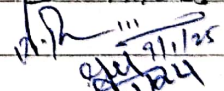
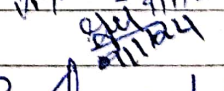
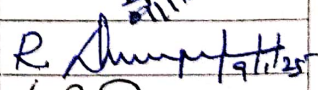
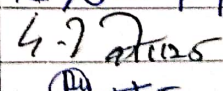
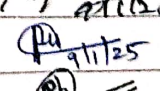
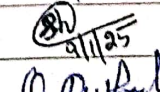
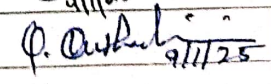
RAMCO INSTITUTE OF TECHNOLOGY

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

Department of Electronics and Communication Engineering
(Accredited by NBA)

Department Advisory Committee Meeting-VII
DAC Meeting Attendance

Date: 09.01.2025

Sl. No.	Name of the DAC Members	Affiliation	Signature
1.	Dr.C.Arunachala Perumal	Professor and Head, Department of ECE, Ramco Institute of Technology.	
2.	Dr.A.Azhagu Jaisudhan Pazhani	Associate Professor, Department of ECE, Ramco Institute of Technology.	
3.	Dr.K.Basarikodi	Professor & Head, Department of Mathematics, Ramco Institute of Technology.	online
4.	Dr.P.Elamparithi	Associate Professor, Department of AI&DS, Ramco Institute of Technology.	
5.	Dr.N.Karthikeyan	Associate Professor & Head, Department of Physics, Ramco Institute of Technology.	
6.	Dr.A.Lakshmi	Professor, ECE-RIT	
7.	Dr.S.Vairaprakash	Associate Professor, ECE-RIT	
8.	Dr.R.Rajalakshmi	Associate Professor, ECE-RIT	
9.	Mr.B.Kannan	Assistant Professor (SG), ECE-RIT	
10.	Mrs.G.Gnanapriya	Assistant Professor (SG), ECE-RIT	
11.	Mrs.V.SriengaNachiyar	Assistant Professor (SG), ECE-RIT	
12.	Mrs.R.Ramalakshmi	Assistant Professor (SG), ECE-RIT	AB
13.	Mr.D.Gopinath	Assistant Professor, ECE-RIT	
14.	Mr.A.Rameshbabu	Assistant Professor, ECE-RIT	
15.	Mr.P.Gunasekaran	Assistant Professor, ECE-RIT	
16.	Mr.R.Deiva Nayagam	Assistant Professor, ECE-RIT	
17.	Mr.G.Sivakumar	Assistant Professor, ECE-RIT	
18.	Mr.P.Venkatesh	Assistant Professor, ECE-RIT	
19.	Ms.S.Harini shriram	Assistant Professor, ECE-RIT	
20.	Mrs. G.Subhashini	Assistant Professor, ECE-RIT	

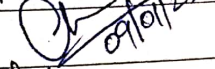

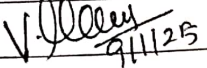


RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University

NAAC Accredited with 'A+' Grade & An ISO 9001: 2015 Certified Institution

NBA Accredited UG Programs: CSE, EEE, ECE and MECH

21.	Ms.L.Krishnakumari	Assistant Professor, ECE-RIT	 09/01/25
22.	Ms. R.Chandralekha	Assistant Professor, ECE-RIT	 AB
23.	Mr.R.Ramasamy	Assistant Professor, ECE-RIT	AB
24.	Mrs.V.Krishna Meera	Assistant Professor, ECE-RIT	 9/1/25


Faculty Coordinator


HOD/ECE



RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University

NAAC Accredited with 'A+' Grade & An ISO 9001: 2015 Certified Institution

NBA Accredited UG Programs: CSE, EEE, ECE and MECH

Department of Electronics and Communication Engineering

(Accredited by NBA)

Department Advisory Committee Meeting-VII

Ref.: RIT/Academic/ECE/DAC/2024-2025

MINUTES OF SEVENTH DEPARTMENT ADVISORY COMMITTEE MEETING

The Seventh Department Advisory Committee Meeting was held with the following agenda through an online platform (Google Meet).

- Review of previous meeting (6th DAC), Review of Quality Objectives and Suggestions given by NBA Peer Members
- Dissemination of Institute and Department Vision, Mission, Department PEOs and PSOs.
- Program Curriculum, Processes Followed to Improve Quality of Teaching and Learning, Quality of Internal Question Papers, Assignments and Evaluation, Quality of Student Projects, Initiatives Related to Industry Interaction, Initiatives Related to Industry Internship/Summer Training.
- Attainment of COs, POs, PSOs with Program Effectiveness (2020-2024 Batch).
- Students Enrolment Ratio, Students Success Rate, Students Academic Performance, Placement, Higher Studies and Entrepreneurship, Professional Activities.
- Student-Faculty Ratio, Faculty Cadre Proportion, Faculty Qualification, Innovation by Faculty in Teaching and Learning, Faculty Participations, Research and Development, Faculty Performance Appraisal, Visiting/Adjunct Faculty.
- New Facilities Created and Technical Support.
- Status of Continuous Improvement, Training & Placement Progress, Academic Audit Implementation and Effectiveness.
- Any other matters.

Welcome Address**(by Dr.A.Azhagu Jaisudhan Pazhani, Associate Professor/ECE)**

Dr.C.Arunachala Perumal, Professor and Head/ECE, welcomed and introduced the DAC members:	
Dr.C.Vasanthanayaki, Academic Member	Principal, Government College of Engineering, Bodinayakannur, Theni.
Mr.A.Karthickvel, R&D Member	Tech Lead, Bosch Global Software Technologies Pvt Ltd, Coimbatore.
Mr.K.Moorthi, Industry Member	Director-Business Development, Entho Technology Solutions India Pvt Ltd, Coimbatore.
Dr.C.Arunachala Perumal, Convener	Professor & Head. Department of Electronics and Communication Engineering, Ramco Institute of Technology, Rajapalayam.
Dr.A.Azhagu Jaisudhan Pazhani, Co-convener	Associate Professor, Department of Electronics and Communication Engineering, Ramco Institute of Technology, Rajapalayam.
Dr.P.Elamparithi, Internal Member	Professor, Department of Mathematics, Ramco Institute of Technology, Rajapalayam.
Dr.S.Vimal, Internal Member	Associate Professor, Department of Artificial Intelligence And Data Science, Ramco Institute of Technology, Rajapalayam.
Dr.N.Karthikeyan, Internal Member	Associate Professor & Head, Department of Physics, Ramco Institute of Technology, Rajapalayam.
Mr.B.Kannan, Internal Member	Assistant Professor (Sr.Gr.), Department of Electronics and Communication Engineering, Ramco Institute of Technology, Rajapalayam.
Mr.G.Harri Ram, Alumni Member	Senior Verification Engineer, Mobiveil Technologies Pvt, Ltd., Chennai.
Mr.A.Sriram, Alumni Member	Silicon Validation Engineer, Tessolve Semiconductor Private Limited, Bangalore.
Ms.K.Sukuna, Alumni Member	Assistant manager Programmer, Ramco Cements, Chennai.
Mr.G.M.Vairamuthu, Alumni Member	System Engineer, Data Patterhs (India), Ltd., Chennai.

Effective Date: 18.01.2016

Rev.No. 00

Form No. AC 11b



(by Mr.B.Kannan, AP(SG)/ECE)

1. Review of previous meeting (5th DAC) and Review of Quality Objectives

Points Delivered by the Faculty Members	Suggestions were given by DAC Members	Remarks with Target Date and Responsibility
<ul style="list-style-type: none"> • The review of the previous DAC V meeting and the quality objectives status report for the academic year 2022-2023 and 2023-2024. • The implementations are as per the suggestions given by the DAC members during the previous meeting. 	<p>Nil</p>	<p>NIL</p>

Screenshot



2. Dissemination of Institute and Department Vision, Mission, Department PEOs and PSOs.

(by Ms.S.Harini shriram)

Points Delivered by the Faculty Members	Suggestions were given by DAC Members	Remarks with Target Date and Responsibility
<ul style="list-style-type: none"> Department Vision, Mission, Program Educational Objectives (PEOs), and Program Specific Outcomes (PSOs). 	<ul style="list-style-type: none"> The institute's vision emphasizes achieving an international reputation in offering technology, research, and development. In alignment with this, the department's vision can be further elaborated to highlight the development of futuristic technologists by integrating advancements in R&D, skill enhancement, and emerging technologies. The mission statements can be refined to include specific technologies, methods, and tools to help achieve this vision. 	<p>Remarks: Nil Target Date: Continuous Responsibility: Faculty Members</p>

Screenshot

Dissemination of Vision, Mission, PEOs and PSOs

Vision of Department:

- ❖ Develop futuristic technologist in Electronics and Communication Engineering to meet the global challenges and the societal needs of our nation.

Mission of Department:

- ❖ Educate students to become enlightened engineers with the latest know-how to take on the challenges concerned with the society.
- ❖ Equip the students with the current trends and latest technologies in the field of Electronics and Communication Engineering to make them technically strong and ethically sound.
- ❖ Constantly motivate the students and faculty members to achieve excellence in Electronics and Communication Engineering and Research & Development activities.

Disseminating Modes of Vision, Mission and PEOs

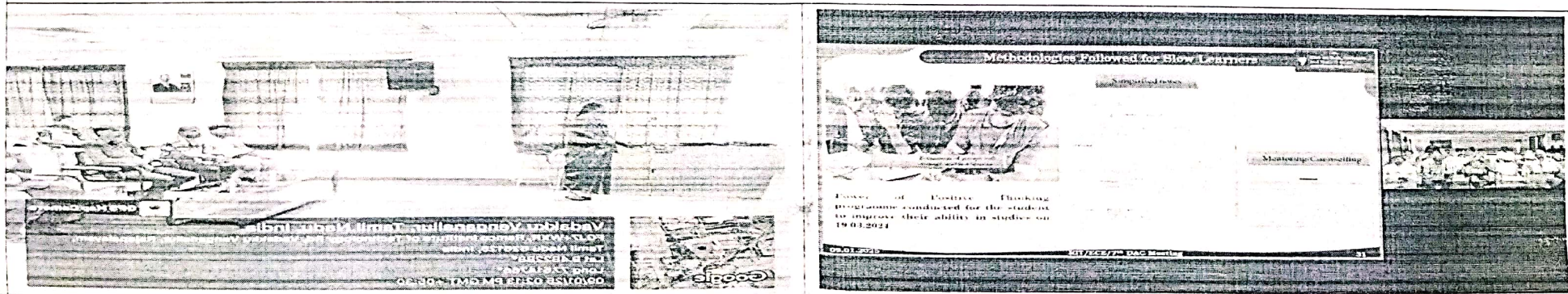
Modes of dissemination	
1.	Induction program for Freshers
2.	Student Orientation Program
3.	Parent - Teacher Meeting
4.	Alumni Meeting
5.	Department Review Meeting
6.	Class Committee Meeting
7.	Faculty Orientation Program
8.	Internal Quality Assurance Cell (IQAC) Meeting
9.	Management Review Meeting
10.	Program Assessment & Quality Improvement Committee (PA&QIC)
11.	Governing Council Meeting
12.	Department Advisory Committee Meeting
13.	Industry Person & Adjunct Professor
14.	ECE Seminar Hall

3. Program Curriculum, Processes Followed to Improve Quality of Teaching and Learning, Quality of Internal Question Papers, Assignments and Evaluation, Quality of Student Projects, Initiatives Related to Industry Interaction, Initiatives Related to Industry Internship/Summer Training.

(by Dr.S.Vairaprakash, Dr.A.Lakshmi, Mr.D.Gopinath, Mr.A.Rameshbabu & Ms.R.Chandralekha)

Points Delivered by the Faculty Members	Suggestions were given by DAC Members	Remarks with Target Date and Responsibility
<ul style="list-style-type: none"> The distribution of the Courses in the Curriculum Curricular Gap Identification Process Value Added Courses Planned & Conducted (2023-24) Patent, Project Proposal details Process to Segregate Slow Learner and Fast Learner Funded Program Details Methodologies to Encourage the Fast Learner Methodologies Followed for Slow Learners Internal Assessment Tests Question Paper Setting Process Project Assessment Criteria (Review-1, Review-2, Review -3) Research Publications & Industry Projects MoU Faculty Industrial Visit Details Industry Institute Interactions Students Industrial Visit Details Students Internship / In-plant Details 	<ul style="list-style-type: none"> In addition to number of programs conducted, statistical data showing how many students attended the program is required. For fast learners, Innovation and startup should be included. Programs can be conducted for IES, UPSC and other competitive exams for fast learners though Career guidance cell. Instead of using special classes, it can be mentioned as remedial classes for slow learners. In addition to categorizing the students as slow learner, fast learner based on the academic performance, some other additional strategy could be followed for slow learner like the students lagging in writing, memory retention or understanding problem etc.,. In addition with academic performance other Pshychomotor test could also be included. The approximate data for fast learner and slow learner from the sanctioned intake to be mentioned. The survey showing reduction in the slow learner after the conduction of remedial class to be included. Specific Tutorials conducted to give individual students attention. Progress of all the activity when compared with previous year should be included. Eg., Faculty attended industrial training with quantitive data comparison with previous year. 	<p>Remarks:</p> <ul style="list-style-type: none"> Strategy should be devised to categorise the students as slow learner as well as fast learner based on the Pshychomotor test in addition to the academic performance. Progress in each activity when compared with the previous year should be shown as quantitative data. <p>Target Date: Continuous Responsibility: Faculty Members</p>

Screenshot

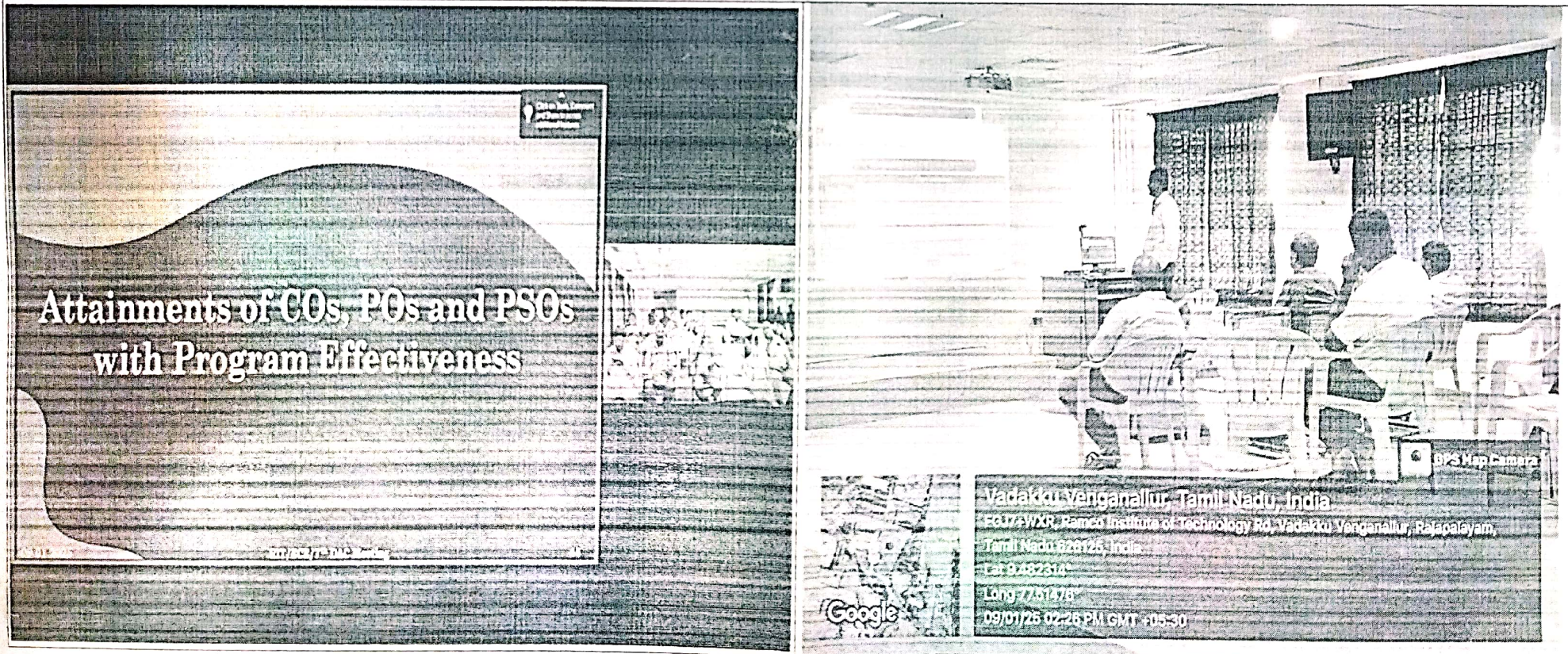


4. Attainment of COs, POs, PSOs with Program Effectiveness (2020-2024 Batch).

(by Dr.A.Azhagu Jaisudhan Pazhani, Mr.R.Deiva Nayagam, Mr.G.Sivakumar & Ms.S.Harini shriram)

Points Delivered by the Faculty Members	Suggestions were given by DAC Members	Remarks with Target Date and Responsibility
<ul style="list-style-type: none"> Elaborated CO, PO and PSO attainment calculation procedure. In addition target fixing procedure also discussed. Discussed about course target defined procedure for regulation 2021. The course exit survey for indirect assessmnet for the last academic year (2023-2024) 	<ul style="list-style-type: none"> Members suggested to define the procedure for fixing the target for regulation 2021. Members suggested fixing the course target and CO Wise target by individual faculty members. Members discussed about PO indirect assessment tools. Extracurricular and co-curricular activities should be taken for indirect assessments suggested by members. 	<p>Remarks: Encourage the students to participate in various co-curricular and extra curricular acivities to meet out the outcomes Target Date: Continous Responsibility: Faculty Members</p>

Screenshot

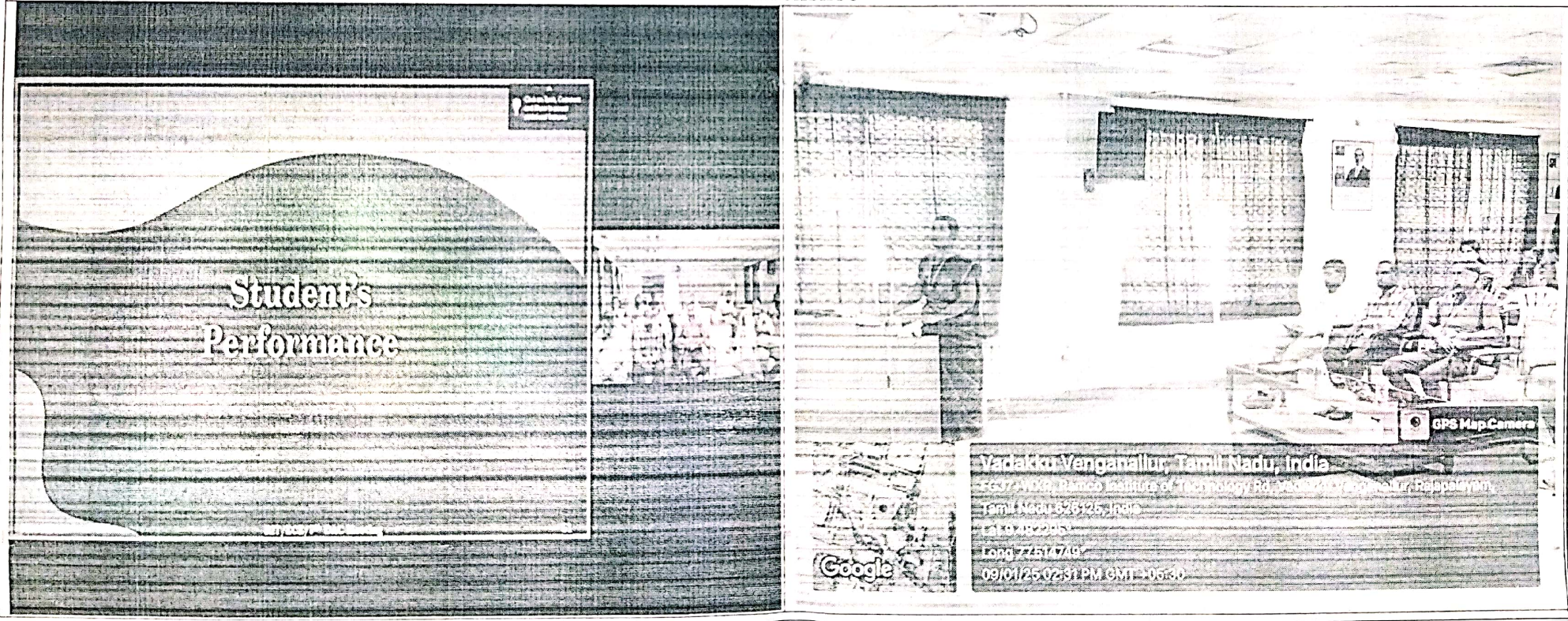


5. Students Enrolment Ratio, Students Success Rate, Students Academic Performance, Placement, Higher Studies and Entrepreneurship, Professional Activities.

(by Mrs.V.Slirenga Nachiyar, Mr.A.Rameshbabu, Mr.P.Venkatesh, Ms.S.Harini shriram, & Mr.R.Ramasamy)

Points Delivered by the Faculty Members	Suggestions were given by DAC Members	Remarks with Target Date and Responsibility
<ul style="list-style-type: none"> • Students enrolment ratio • Students success rate • Students academic performance • Placement details, • Higher studies and entrprenuership • Professional activities 	<ul style="list-style-type: none"> • The DAC members talked about the enrolment ratio, in the current academic year it is almost 100%. So it shows the quality & progresive performance of the department. • The DAC members recommended classifying the students according to the organization, such as IT, Core, and students placed in the government sector. The presentation should also include the wage package. 	<p>Remarks: Identify the MOU signed industries for consultancy work. Target Date: Continous Responsibility: Faculty Members</p>

Screenshot

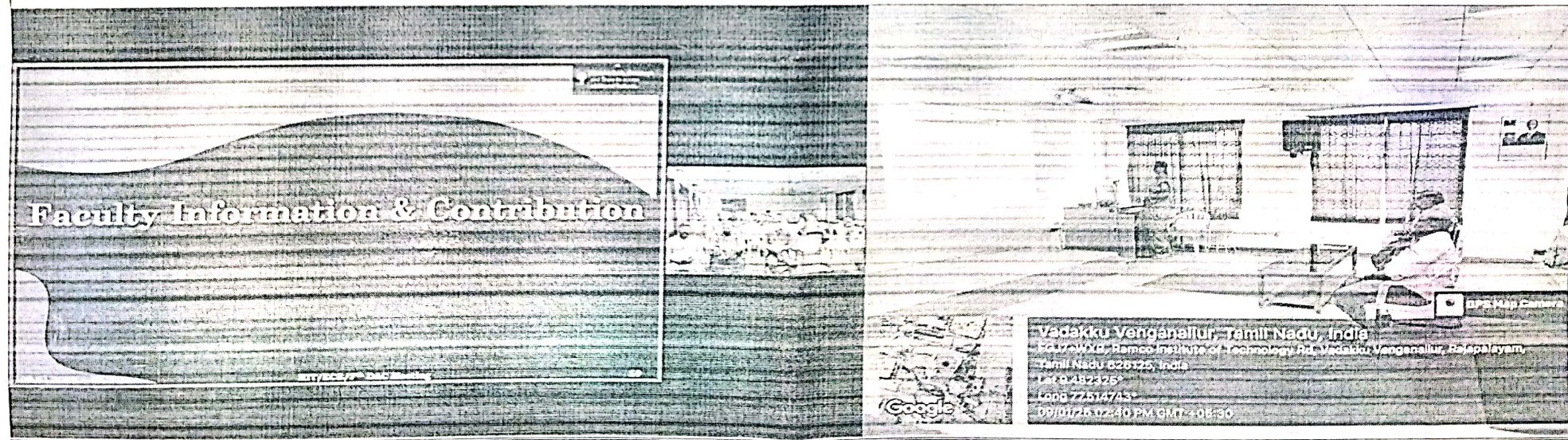


6. Student-Faculty Ratio, Faculty Cadre Proportion, Faculty Qualification, Innovation by Faculty in Teaching and Learning, Faculty Participations, Research and Development, Faculty Performance Appraisal, Visiting/Adjunct Faculty.

(by Dr.R.Rajalakshmi, Mr.P.Gunasekaran, & L.Krishna Kumari)

Points Delivered by the Faculty Members	Suggestions were given by DAC Members	Remarks with Target Date and Responsibility
<ul style="list-style-type: none"> Presented about Student-Faculty Ratio, Faculty Cadre Proportion, Faculty Qualification Presented the statistics on faculty participation in FDP/STTP/Workshop/Seminar/Webinar. Presented the Innovation by faculty in teaching and Learning Process. Elaborated the Faculty Performance Appraisal and procedures. Shared the PO and PSO attainment details and action taken for improvement of attainment. Students are encouraged to prepare and file patents to address novel solutions to existing problems. Students are motivated to submit proposals to funding agencies like FAER, TNSCST. Onion grand challenge, MSME. These are some of the actions taken for PO and PSO Improvement. As part of academic Audit Expert members from premier institute are solicited for auditing academic processes. Apart from this academic audit, we have internal and external ISO audits also to audit all the academic processes in ISO metrics. 	<ul style="list-style-type: none"> The DAC members enquired about the appraisal procedures and promotion policies. The DAC members suggested to include CO attainment percentages for co-curricular and extracurricular activities in the academic audit. 	<p>Remarks: From the suggestions given by DAC Members CO Attainment for co curricular and extra curricular activities will be included in the academic audit. Target Date: December 2026 Responsibility: Faculty Members</p>

Screenshot

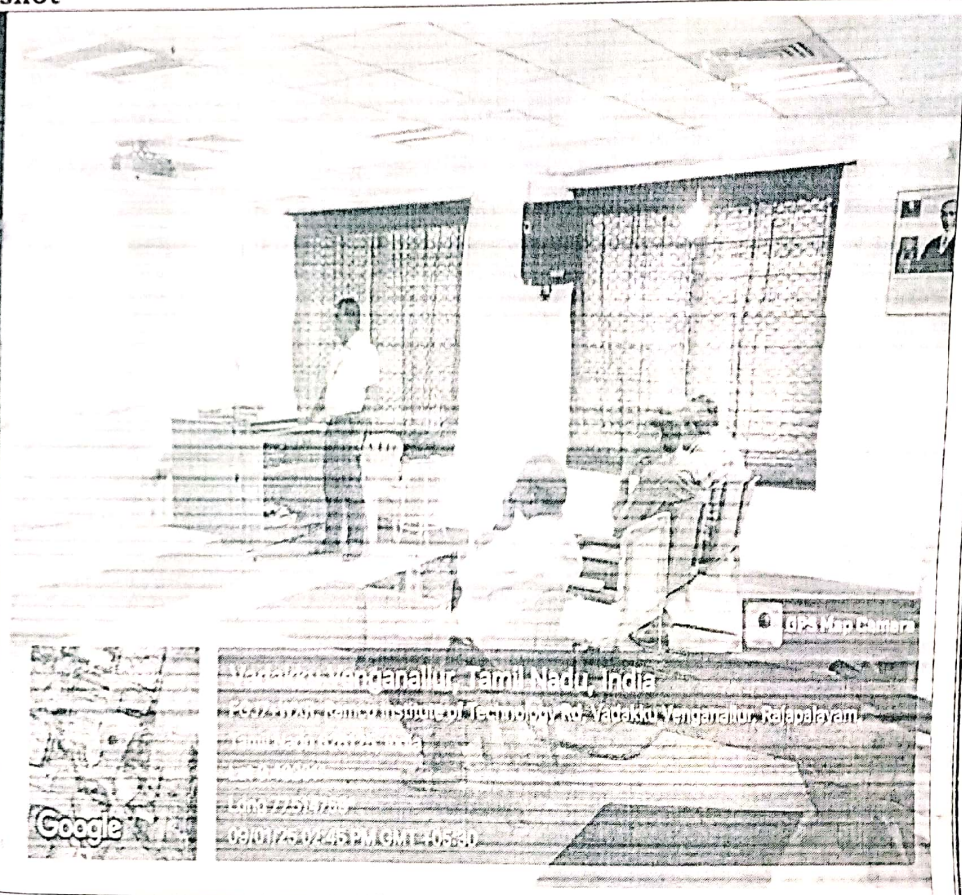
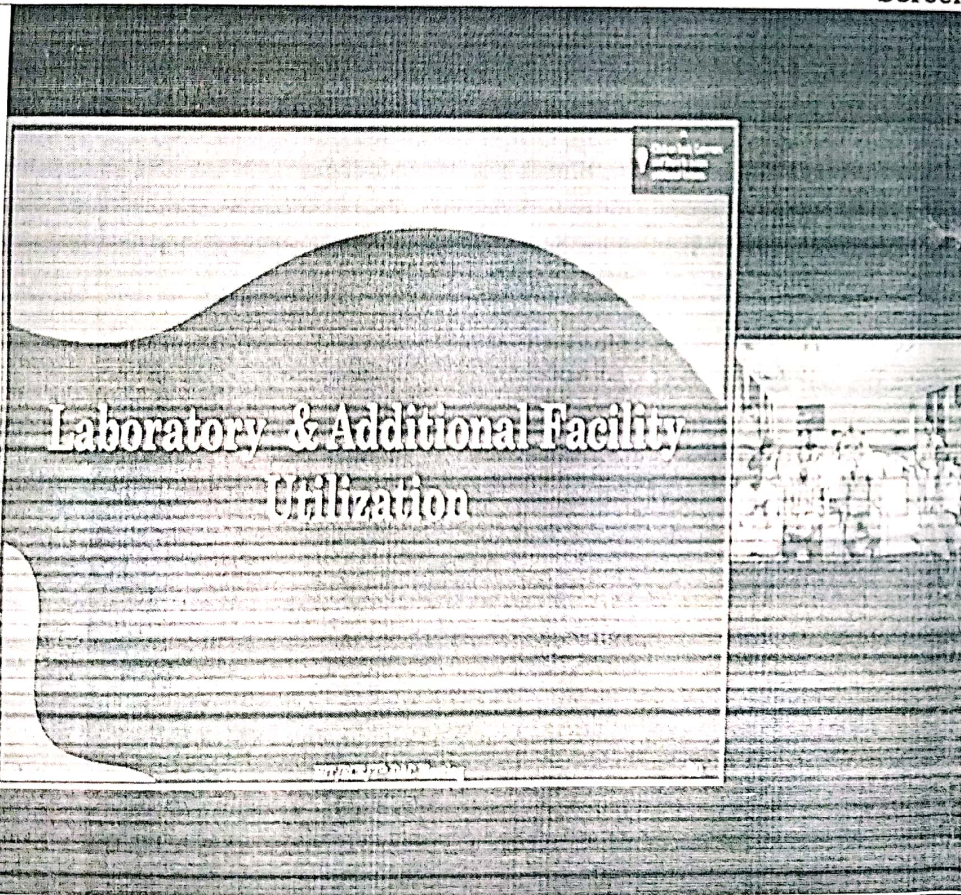


7. New Facilities Created and Technical Support.

(by Dr.S.Vairaprakash & Mrs.V.Krishna Meera)

Points Delivered by the Faculty Members	Suggestions were given by DAC Members	Remarks with Target Date and Responsibility
<ul style="list-style-type: none"> • Additional Laboratories. • Laboratory utilization for the experiments and projects. • Virtual lab utilization. 	<ul style="list-style-type: none"> • The DAC members suggested to include laboratory utilization percentage. • Asked to split the day utilization of the students, like theory hour's laboratory hours and laboratory used for the mini/major projects. • Suggested to plan more hands-on training to the students. 	<p>Remarks: Planned to improve the utilization of the additional laboratory for the projects. Target Date: Continuous Responsibility: All Faculty members/Lab In-charges and HOD/ECE.</p>

Screenshot



8. Status of Continuous Improvement, Training & Placement Progress, Academic Audit Implementation and Effectiveness.
 (by Mrs.R.Ramalakshmi, L.Krishna Kumari & Mr.R.Ramasamy)

Points Delivered by the Faculty Members	Suggestions were given by DAC Members	Remarks with Target Date and Responsibility
<ul style="list-style-type: none"> Presented the placement analysis of 2019-2023 & 2020-2024 Batch Students details. Discussed overall placement statistics and company visited details. 	<ul style="list-style-type: none"> The DAC members suggested categorizing the companies where students were placed into core and software sectors. Provide more training programs on C, Java, and mobile applications. 	<p>Remarks: Plan to implement the 2021-2025 Batch. Target Date: 2024-2025 Responsibility: Faculty Members</p>

Screenshot

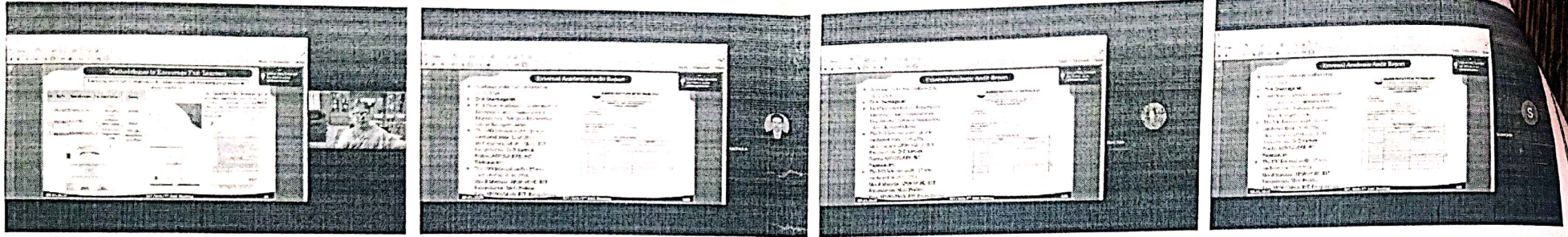
The screenshot shows a 'Placement Statistics' table with the following data:

Batch	Number of Companies Students Placed	Number of Students Placed/Placement Willing Students/Class Strength	Percentage
2013-2017	09	42 / 61 / 68	68.82%
2014-2018	12	62 / 77 / 115	83.13%
2015-2019	22	84 / 91 / 105	90.50%
2016-2020	22	74 / 100 / 105	74%
2017-2021	22	55 / 64 / 101	80.19%
2018-2022	21	60 / 62 / 72	90.32%
2019-2023	15	54 / 60 / 82	81.82%
2020-2024	15	55 / 60 / 67	82.98%
2021-2025	11	31 / 100 / 122	46.64%

Below the table is a photograph of a meeting in progress. A man in a white shirt is standing and presenting to a group of people seated around a table. A banner in the background reads 'Vedakkal Vaidyanathar Temple Vadai, India'.

Suggestions were given by DAC Members Overview:

- Slide No.21 Process to Segregate Slow Learner and Fast Learner.
- Analyze the effectiveness of the existing method used (flowchart given) by considering a batch of students for Case Study, How many students can move from one zone to another? Add a feedback path in the flowchart for refinement.
- Use a parallel method by using psychometric analysis tool.
- Encourage Multidisciplinary projects by students/Faculty for solving real time problems for society.



Prepared by: *10/10/15*

[Signature]
Verified by:

[Signature]
20 3 25

Approved by:

Copy to: 1) Circulate among all members for needful action.
2) File