



RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University
Accredited by NAAC and ISO 9001:2015 Certified Institution

Department of Electronics and Communication Engineering
(Accredited by NBA)
Department Advisory Committee Meeting-VI
Agenda

Ref.: RIT/ECE/DAC/06

Date: 10.10.2023

The sixth Department Advisory Committee (DAC) meeting is scheduled on **19.10.2023 (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 5 th DAC Meeting.	1. Mr.B.Kannan - <i>kb</i>
2.	Dissemination of Institute and Department Vision, Mission, Department PEOs and PSOs.	1. Ms.S.Harini shriram <i>SH</i>
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 <i>CC-3</i> 2. Dr.S.Vairaprakash <i>guy</i> 3. Dr.A.Lakshmi <i>ll</i> 4. Mr.D.Gopinath 5. Mr.A.Rameshbabu <i>Ramesh</i> 6. Ms.R.Chandralekha <i>RCh</i>
4.	Attainment of COs, POs, PSOs with Program Effectiveness (2019-2023 Batch).	1. Mr.R.Deiva Nayagam <i>R.D</i> 2. Mr.G.Sivakumar <i>GS</i> 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.SrirenaNachiyar 2. Mr.A.Rameshbabu <i>Ramesh</i> 3. Mr.P.Venkatesh <i>P</i> 4. Ms.S.Harini shriram <i>SH</i> 5. Mr.R.Ramasamy <i>RR</i>
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 <i>RR</i> 2. Mrs.S.Jeeva - <i>SJ</i> 3. Mr.P.Gunasekaran <i>guy</i> 4. L.Krishna Kumari <i>LK</i>
7.	New Facilities Created and Technical Support	1. Dr.S.Vairaprakash <i>guy</i> 2. Dr.E.Emerson Nithiyaraj <i>EN</i>
8.	Status of Continuous Improvement, Training & Placement Progress, Academic Audit Implementation and Effectiveness.	1. Mrs.R.Ramalakshmi <i>RR</i> 2. L.Krishna Kumari <i>LK</i> 3. Mr.R.Ramasamy <i>RR</i>

Q. K. S. 10/10/23
Faculty In-charge

10/10/23
HOD(ECE)

-OD-
Vice-Principal

S.K. 11/10/23
Principal

Copy to

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



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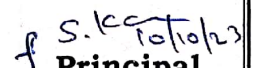
Department Advisory Committee Meeting-VI
DAC Meeting Members

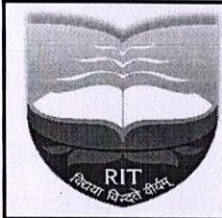
Date: 10.10.2023

Sl. No.	Name of the DAC Members	Affiliation	Position
1.	Dr.C.Vasanthanayaki	Principal, Government College of Engineering, Bodiyayanayakkanur, Theni.	Academic Member
2.	Mr.Prajesh Kalathil	Vice-President, Bharti Airtel Ltd, Chennai.	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.S.Vimal	Associate Professor, Department of AD, Ramco Institute of Technology.	Internal Member
8.	Dr.N.Karthikeyan	Assistant Professor (Sr.Gr.) & 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	Senior Verification Engineer, 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.R.Nandhini	Analyst Programmer, Ramco Systems, Chennai.	Alumni Member (Batch 2016-2020)
13.	Mr.G.M.Vairamuthu	System Engineer, Data Patterns (India), Ltd. Chennai.	Alumni Member (Batch 2017-2021)


Faculty Coordinator


HOD/ECE


Principal



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**Department of Electronics and Communication Engineering
(Accredited by NBA)
Department Advisory Committee Meeting-VI**

Ref.: RIT/Academic/ECE/DAC/2023-2024

Date: 12.12.2023

MINUTES OF SIXTH DEPARTMENT ADVISORY COMMITTEE MEETING

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

- Review of previous meeting (5th 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 (2019-2023 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.

1. Welcome Address**(by Dr. C.Arunachala Perumal, Professor and Head/ECE)**

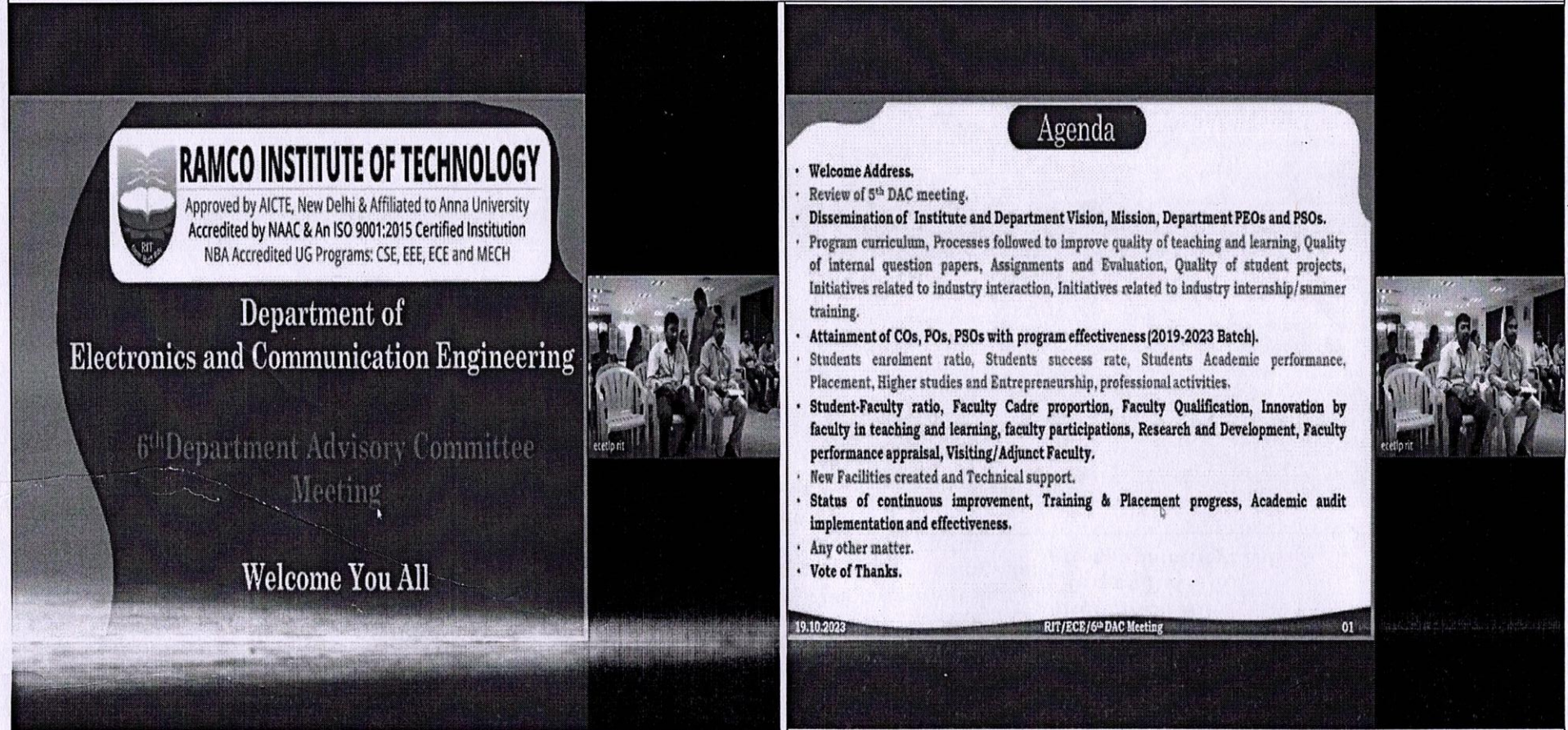
Dr.C.Arunachala Perumal, Professor and Head/ECE, welcomed and introduced the DAC members:

Dr.C.Vasanthanayaki, Academic Member	Principal, Government College of Engineering, Bodinayakannur, Theni.
Mr.Prajesh Kalathil, R&D Member	Vice-President, Bharti Airtel Ltd, Chennai.
Mr.K.Moorthi, Industry Member	Director-Business Development, Enthu 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.K.Basarikodi, 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	Assistant Professor (Sr.Gr.), 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	Silicon Validation Engineer, Tessolve Semiconductor Private Limited, Bangalore.
Ms.R.Nandhini	Analyst Programmer, Ramco Systems, Chennai.
Mr.G.M.Vairamuthu	System Engineer, Data Patterhs (India), Ltd., Chennai.

1. Review of previous meeting (5th DAC) and Review of Quality Objectives (by Dr.A.Azhagu Jaisudhan Pazhani, Asso. Prof/ECE)

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 2021-2022 and 2022-2023. The implementations are as per the suggestions given by the DAC members during the previous meeting. 	<p>Nil</p>	<p>NIL</p>

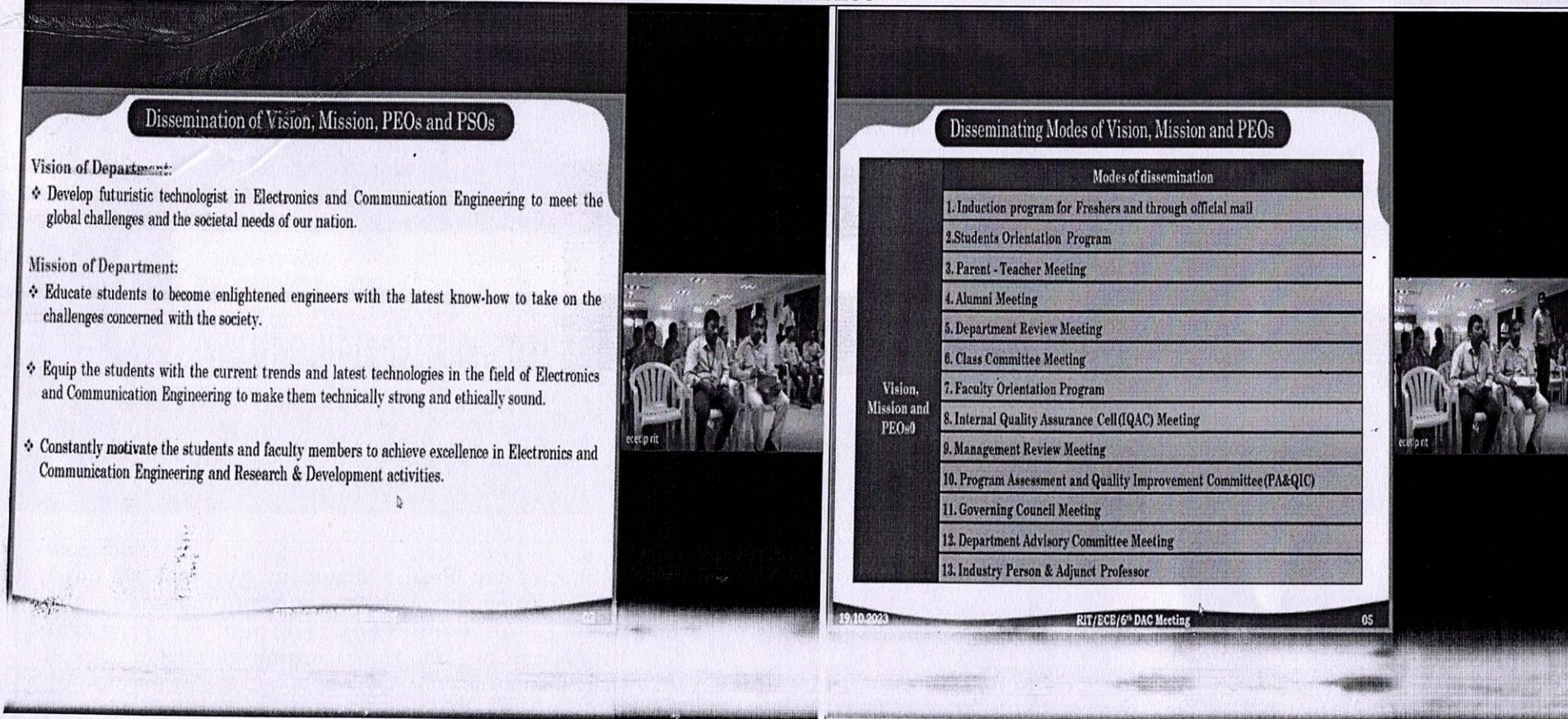
Screenshot



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"> DAC members suggested reframing the Vision and Mission of the department while going for Autonomous institution status. 	<p>Remarks: Nil Target Date: Nil Responsibility: Nil</p>

Screenshot



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.Rameshabu & 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"> Shared the details of MOUs signed in the academic year 2022-2023 with various industries. Explained the impact of MoUs. Shared the participation of the students in Internships and in-plant training in industries. 	<ul style="list-style-type: none"> The DAC members suggested to keep the documentation with proof well for all activities performed by students. To improve the department and industry interaction, the DAC members suggested to get at least one problem statement per industry. 	<p>Remarks:</p> <ul style="list-style-type: none"> Identified industry which is MOU with our Department, Consultancy work initiated with them. Faculty in-charge asked to get industry-related problem statement from MoU Industry. <p>Target Date: Responsibility: Faculty Members</p>

Screenshot

4. Attainment of COs, POs, PSOs with Program Effectiveness (2019-2023 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 assessment for the last academic year (2022-2023) 	<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 activities to meet out the outcomes</p> <p>Target Date: Continous</p> <p>Responsibility: Faculty Members</p>

Screenshot

Score	1	2	3	4	5	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
#Score 5	46	36	43	42	41	47	42	50	45	44	47	41	46	42	45	42	46	43	44	47	45	41	47	50	
#Score 4	19	27	20	15	16	16	19	20	19	16	17	15	13	16	19	18	14	19	18	16	18	15	20	18	12
#Score 3	4	6	7	9	7	9	7	4	5	8	7	8	4	5	3	4	4	6	4	8	5	5	7	7	
#Score 2	1	1	1	1	2	0	1	0	1	4	1	1	1	2	2	1	0	0	1	0	1	1	0	0	
#Score 1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	1	0	1	0	1	0	1	1	0	1	

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

(by Mrs.V.SlirengaNachiyar, 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 told about the enrolment ratio, 75% in previous three years & Now in current academic year is almost 97%. So it shows the quality & progresive performance of the department. • The DAC members suggested to categorize the students depends upon the company like IT, Core & students placed in Government sector and salary package should be mentioned in presentation. 	<p>Remarks:</p> <ul style="list-style-type: none"> • Identify the MOU signed industries for consultancy work. <p>Target Date:</p> <p>Responsibility: Faculty Members</p>

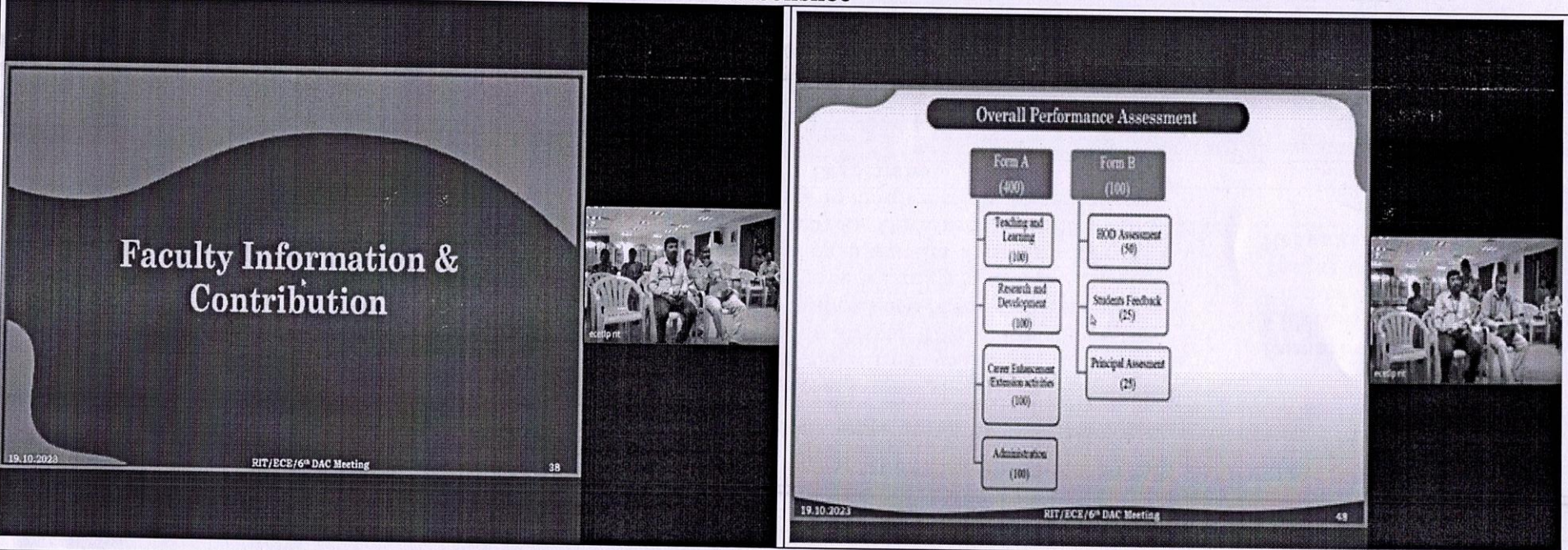
Screenshot

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, Mrs.S.Jeeva, 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"> 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 suggested to include CO attainment percentages for co curricular and extra curricular activities in academic audit. 	<p>Remarks:</p> <ul style="list-style-type: none"> From the suggestions given by DAC Members CO Attainment for co curricular and extra curricular activities will be included in the academic audit. <p>Target Date: December 2023 Responsibility: Faculty Members</p>

Screenshot



7. New Facilities Created and Technical Support.

(by Dr.S.Vairaprakash & Dr.E.Emerson Nithiyaraj)

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:</p> <ul style="list-style-type: none"> • Planned to improve the utilization of the additional laboratory for the projects. <p>Target Date: Continuous</p> <p>Responsibility: All Faculty members/Lab In-charges and HOD/ECE.</p>

Screenshot

The left screenshot shows a presentation slide with the title "Laboratory & Additional Facility Utilization". It includes a table with the following data:

Sl. No.	Name of the Laboratory	Year of establishment	Available facilities	PO and PSO relevance	Utilization
3.	Tessolve Semiconductor Test Engineering Laboratory	2017-2018	ADM's LG-Lite ATE with Load board LGPG125 Drive Logic & Sense Logic Characteristics	Relevant to PO1, PO2, PO3, PO5, PO6, PO8, PO9, PO10, PO12 & PSO2, PSO3, PSO4	During internship the students will utilize
4.	e-Yatra Laboratory	2018-2019	FireBird V 2560, Spark V Robot, FireBird V P89V51RD2, adapter card, FireBird V LPC2148 adapter card, P89V51RD2 development board	Relevant to PO1, PO2, PO3, PO4, PO5, PO8, PO12 & PSO2	Students - 12

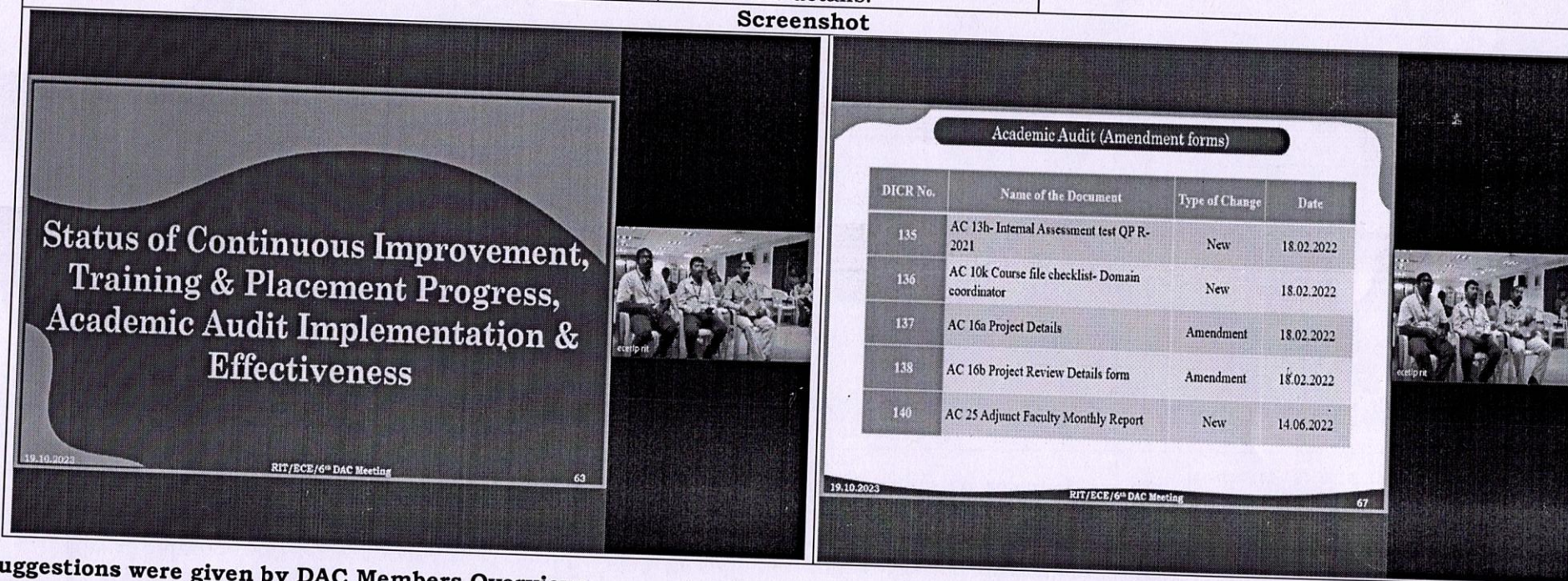
The right screenshot shows a similar slide with a table titled "Additional Laboratories":

Sl. No.	Name of the Laboratory	Year of establishment	Available facilities	PO and PSO relevance	Utilization
3.	Tessolve Semiconductor Test Engineering Laboratory	2017-2018	ADM's LG-Lite ATE with Load board LGPG125 Drive Logic & Sense Logic Characteristics	Relevant to PO1, PO2, PO3, PO5, PO6, PO8, PO9, PO10, PO12 & PSO2, PSO3, PSO4	During internship the students will utilize
4.	e-Yatra Laboratory	2018-2019	FireBird V 2560, Spark V Robot, FireBird V P89V51RD2, adapter card, FireBird V LPC2148 adapter card, P89V51RD2 development board	Relevant to PO1, PO2, PO3, PO4, PO5, PO8, PO12 & PSO2	Students - 12

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 2018-2022 & 2019-2023 Batch Students details. Discussed the overall placement statistics, company visited details and also about the admission statistics in college. 	<ul style="list-style-type: none"> The DAC members suggested to categorize (core and software) the students placed companies. The DAC members suggested to analyse the not yet placed students details. 	<p>Remarks:</p> <ul style="list-style-type: none"> Planned to implement in the 2020-2024 Batch. <p>Target Date: May 2024 Responsibility: Faculty Members.</p>

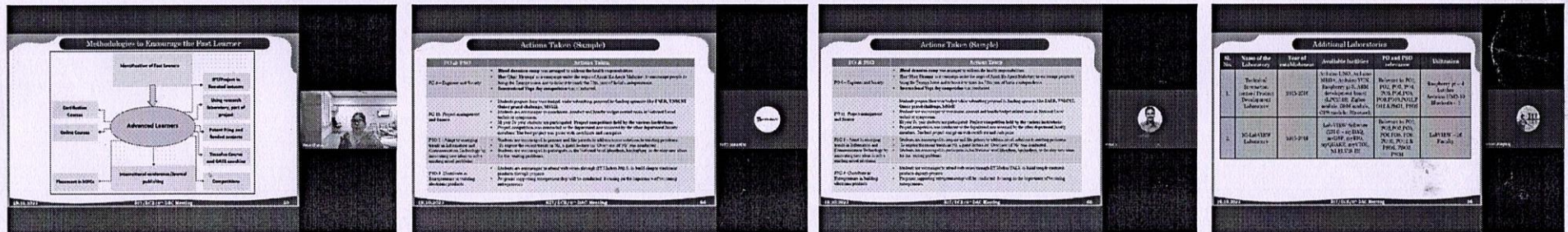
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Suggestions were given by DAC Members Overview:

- The DAC members suggested to keep the documentation with proof well for all activities performed by students.
- To improve the department and industry interaction, the DAC member suggested to get at least one problem statement per industry.
- Members suggested to define the procedure for fixing the target for regulation 2021.
- Members suggested fixing the course target and the 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.
- The DAC members told about the enrolment ratio, 75% in previous three years & Now in current academic year is almost 97%. So it shows the quality & progressive performance of the department.
- The DAC members suggested to categorize the students depends upon the company like IT, Core & students placed in Government sector and salary package should be mentioned in presentation.
- The DAC members suggested to include CO attainment percentages for co curricular and extra curricular activities in academic audit.
- The DAC members suggested to include a 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.
- Suggest to plan more hands-on training to the students.
- The DAC members suggested to categorize (core and software) the students placed in companies.
- The DAC members suggested to analyse the not yet placed students' details.
- Members asked to improve library utilization.
- Asked to calculate H-Index for the ECE department.
- Members suggested improving industry-oriented projects.



Prepared by:
 [Signature]
 12/12/2023

Verified by:
 [Signature]

Approved by:
 [Signature]
 13/12/23

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