

RAMCO INSTITUTE OF TECHNOLOGY
RAJAPALAYAM
(Approved by AICTE, Affiliated to Anna University Chennai)
Department of Civil Engineering

Minutes of 2nd Department Advisory Committee Meeting held on 21st
November 2020



RAMCO INSTITUTE OF TECHNOLOGY
Department of Civil Engineering

WELCOMES DAC MEMBERS

for

2nd DEPARTMENT ADVISORY COMMITTEE MEETING

DATE: 21.11.2020

ONLINE: GOOGLE MEET

TIME: 3.00 PM to 4.30 PM



SCHEDULE

Sl. No.	Topics	Faculty Incharge	Time
1.	Welcome Address	Mr.S.Dharmar & Mrs Mrs.A. Leema Margret	3.00 PM - 3.15 PM
2.	Review of previous meeting (1 st DAC)		
3.	Review of Quality Objectives		
4.	Teaching and Learning Process	Mrs.C. Subha & Mrs.L.Johny Rani	3.15 PM - 3.30 PM
5.	Course Outcomes and Program Outcomes	Mr. T.Chockalingam	
6.	Students performance	Mrs.R.Kalaimani	3.30 PM – 3.45 PM
7.	Department and Industry Interaction	Mr.G.Karthikeyan	
8.	Training and Placement Progress	Mrs.D.Darling Helen Lydia	3.45 PM - 4.00 PM
9.	Alumni interaction and contribution	Mr.R.Muruganatham	4.00 PM - 4.15 PM
10.	Faculty contribution	Mr. J. Ram Prashath	
11.	Laboratory	Mr.A.Manicka Mamallan	4.15 PM – 4.25 PM
12.	Any other matters	Mr.V.Ragavan	
13.	Vote of Thanks	Mr.G.Karthikeyan	4.25 PM - 4.30 PM

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Review of DAC - I

Industry Member : 1
Academic Member: 1
Internal Members :6

Civil: 02
CSE: 01
Maths: 01
Mechanical: 01
English : 01

Alumni : 1

Agenda of the DAC – I Meeting

- About the College
- About the Department
- Review of Vision, Mission, PEOs, PSOs, attainment of COs and POs
- Curriculum and syllabus
- Course outcomes/attainments
- Curriculum gap /content beyond syllabus
- Faculty Enrichment/Contributions
- Student Enrichment/Support systems/Co-Curricular
- Student's Progression/performance
- Department progress
- Teaching Learning Process
- Stakeholder /feedback
- Continuous improvement
- Academic Objectives

Dharmar S

Department Advisory Committee Members Present in Google Meet:

Er.M.Ravikumar, Dr.S.Nagan, Mr.S.Dharmar, Mr.G.Karthikeyan, Mr.P.Sureshkumar, Mr.R.Venkatesh, Dr.R.Subasree, Dr. M.Anand, Mr.G. Nirmal Ganesh, Mrs.C.Subha, Mrs.D.Darling Helen Lydia, Mr.T.Chockalingam, Mrs.R.Kalaimani, Mr.R.Muruganantham, Mr.J.Ram Prashath, Mr.A.Manicka Mamallan, Mrs.L.Johny Rani, Mrs.A.Leema Margret, Mr.V.Ragavan

Agenda of the Meeting

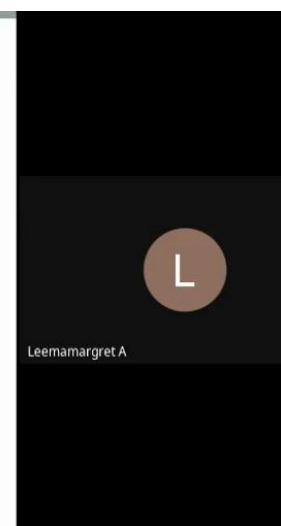
1. Welcome Address
2. Review of previous meeting (1st DAC)
3. Review of Quality Objectives
4. Teaching and Learning Process
5. Laboratory
6. Course Outcomes and Program Outcomes
7. Students Performance
8. Department and Industry Interaction
9. Training and Placement Progress
10. Alumni Interaction and Contribution
11. Faculty contribution
12. Any other matters
13. Vote of Thanks

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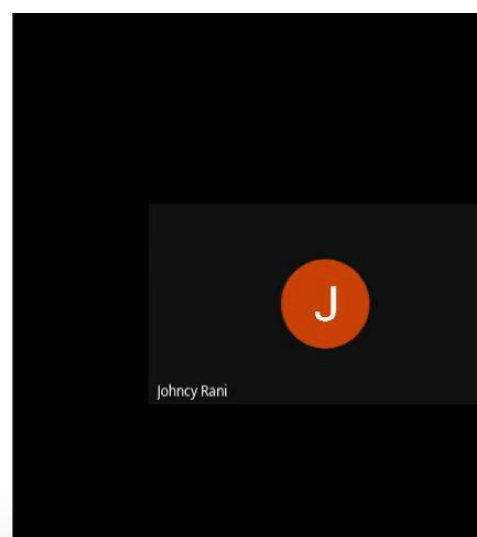
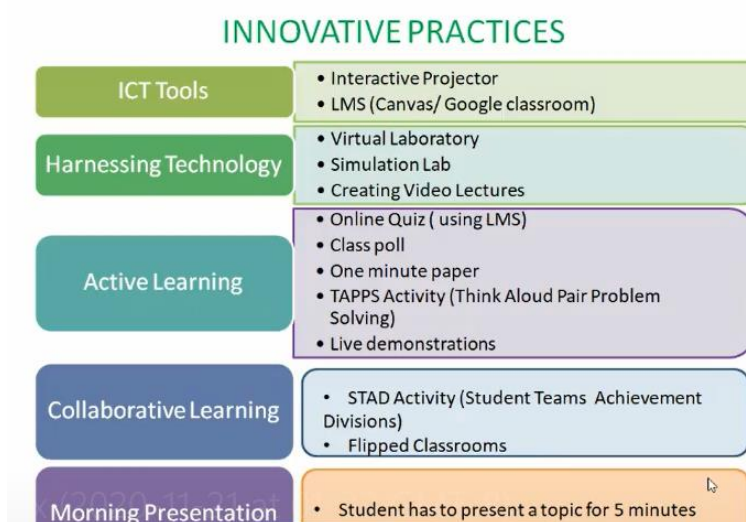
Minutes of Meeting

1. The second DAC meeting started with the address by Mr S.Dharmar, Assistant Professor (Sr.Gr.) and Head, Department of Civil Engineering in extending a warm welcome to the Department Advisory Committee members and a sincere gratitude was expressed towards all the members present in the meeting.
2. Mr.S.Dharmar, Assistant Professor(Sr.Gr.) and Head, Department of Civil Engineering presented the agenda of the meeting and review of previous (1st DAC) meeting.
3. Mrs.A.Leema Margret, Assistant Professor presented the Review of Quality Objectives

Objectives	Target	Status
♦ Virtual Laboratory Experiments	Two per semester (If applicable)	Achieved
♦ Signing of MoU with Industry	Two per year	15
♦ Organising Skill Development Programme for Non-Teaching Staff	One per year	Not Achieved
♦ Patent Filing	Two per year	In Progress
♦ Student Industrial visit	As per the Anna University regulations 2017	12 Students
♦ Internship at Research organization / University (after due approval from the Department Consultative Committee)	As per the Anna University regulations 2017	R- 2013 - 10 R-2017 - Inprogress
♦ Student Industrial training	As per the Anna University regulations 2017	In Progress
♦ Competitive Exams	10% out of appearing should clear the exam.	TANCET – 5 Students Achieved
♦ Activity/ programme with Alumni contribution	Two per year	8



4. Mrs.L.Johny Rani, Assistant Professor presented the Teaching and Learning Process



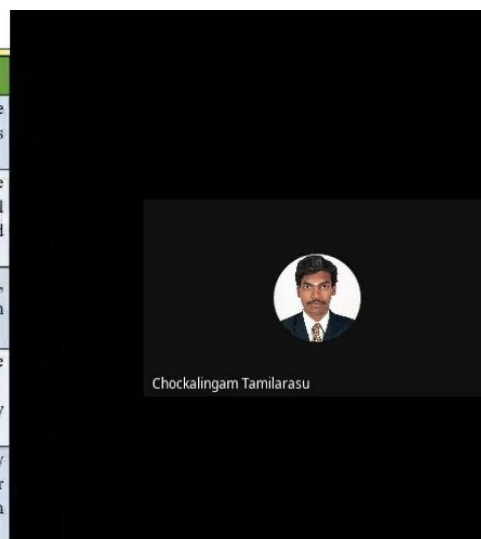
5. Mr.T.Chockalingam, Assistant Professor presented the Course Outcomes and Program Outcomes.

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Direct Assessment Techniques

Evaluation Methods	Process
Internal Assessment Tests	Three Internal Assessment Tests are conducted per semester to evaluate the attainment of course outcomes. Each questions are mapped with COs and blooms level.
Assignments & Tutorials	The tutorials and assignments are given to the students based on the subject nature. For four credit papers tutorials are mandatory. Tutorial and Assignment sheets are prepared by the faculty member with COs and levels.
Continuous Assessment & Model Exam (Laboratory Course)	The evaluation criteria for each experiment are based on performance, viva-voce and record mark. The attainment of COs is calculated through continuous assessment and model practical performance.
Project Reviews	<ul style="list-style-type: none"> Three reviews are conducted periodically to monitor and evaluate the progress of the project using project rubrics. Viva-Voce is conducted at the end of the semester as per University norms.
University Examination	At the end of each semester, final examination is conducted for Theory and Laboratory courses by Anna University, in which question paper covers the entire syllabus and all the Cos are covered in the question papers.

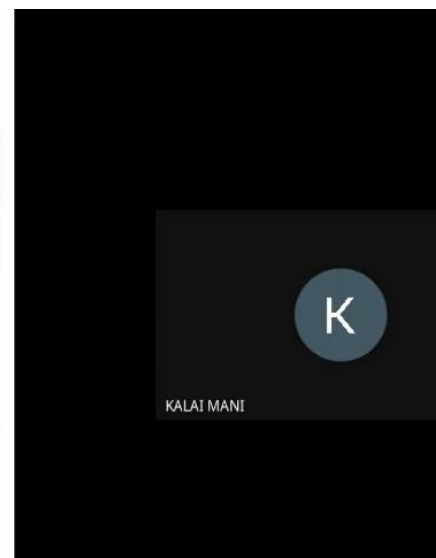


6. Mrs.R.Kalaimani, Assistant Professor presented the Students performance



Student Online course

S.No	Name of the course	Name of the University	No.of Students	Year
1.	Vector Calculus for Engineers	The Honkong University of science and Technology	1	III
2.	Drinking Water treatment	Delftx	8	II
3.	Municipal Solid Waste Management in Developing Countries	Ecole Polytechnique Federale de Lausanne	35	III
4.	Air Pollution - a Global Threat to our Health	University of Copenhagen	22	III

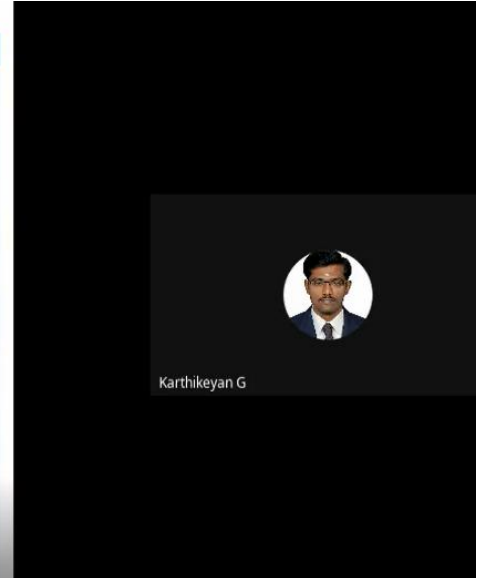


7. Mr.G.Karthikeyan, Assistant Professor (Sr.Gr.) presented the Department and Industry Interaction.

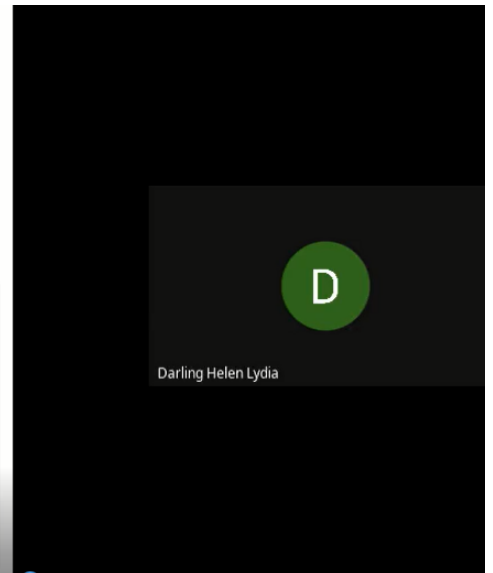
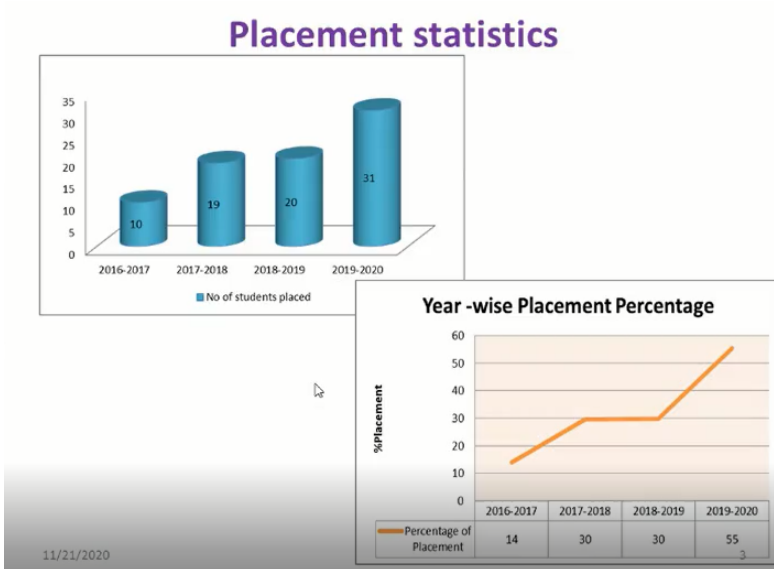
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Impacts of MOU

Organization	Benefits
Infinity PMC Private Limited	Webinar, FDP
Ramco Group of Textile Division	Industrial visits , IPT, Placement
Ramco Cements Ltd	Industrial visits , IPT, Placement
TCSion, Chennai	Offers free Online course s.
M.S. Chellamuthu Trust, Madurai	Workshop on Art on Counseling
Habitat Technology, Trivandram	IPT students & Faculty, Guest lectures, Placement
Land Coordinates Technology	Training, Projects, Virtual Workshops, Placement.
Builders Association of India, Tamil Nadu Centre.	IPT, Placements.
Federation of All Civil Engineering Association of Tamil Nadu	Students Chapter , IPT, Guest Lectures, Placements
Pidilite Industries Pvt. Ltd., Chennai	Placements
ETA Properties Pvt. Ltd., Chennai	Placements
Shinas College of Technology, Oman	Knowledge sharing between institutes



8. Mrs.D.Darling Helen Lydia, Assistant Professor presented the Training and Placement Progress.

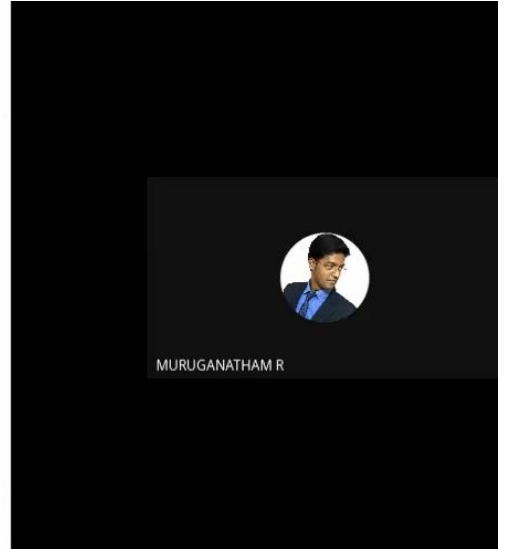


9. Mr.R.Muruganantham, Assistant Professor presented the Alumni interaction and contribution.

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Alumni Interaction

Mr.S.Aravindhnan from TCS Kochi, Kerala addressed the Third and Final year civil engineering students on 14.09.2019.



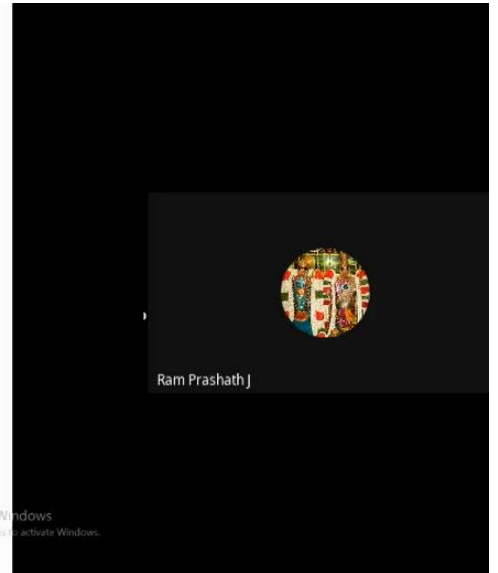
10. Mr.J.Ram Prashath, Assistant Professor presented the Faculty contributions.

Faculty Participation
Seminars, FDP, STTP, Workshops
Academic Year (2019 – 2020)

S.No.	Description	International	National	State	Local	Total
1.	Seminars	03	09	02	78	92
2.	FDP	-	05	09	01	15
3.	STTP	-	02	-	-	02
4.	Workshops	-	01	-	-	01
Total						110

Academic Year (2020 – 2021)

S.No.	Description	International	National	State	Local	Total
1.	Webinars	09	23	11	22	65
2.	FDP	-	05	-	01	06
3.	STTP	-	-	-	03	03
4.	Workshops	-	-	01	-	01
Total						75




11. Mr.A.Manicka Mamallan, Assistant Professor presented the Laboratory and any other matters.

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LABORATORY DETAILS


■ New Equipment Purchased (Concrete & Highway Engineering Laboratory)

■ As per 2017 regulation new Equipment were purchased in the Academic Year 2019 – 2020




Binder Centrifuge Extractor

Make : Aimil
Specification:
Capacity 1500g Electrically operated
Use: To determine bitumen percentage in bituminous mixtures



Benkelman beam

Make : Aimil
Specification:
Dial guage in wooden carrying case (as per IRC 81)
Use: To measure the deflection of flexible pavements under the action of moving wheel loads



Ravi Kumar

12. **Er.M. Ravikumar** suggested the following points:

- He appreciated our faculty members for organizing the Technical webinar series I, II and III.
- Target for pass percentage in every subjects should be higher.
- STAAD.Pro software can be taught for finding Shear Force and Bending Moment Diagrams during regular Strength of Materials Classes. He appreciated the faculty Mr.G.Karthikeyan, AP(Sr.Gr.) for the implementation of above concept and completion of online course IIEECP.
- He suggested comparing the attainments achieved for the same subject during the previous academic year which would be useful for faculty members to find where they can enhance.
- Wherever possible subjects topics can be taught correlating them to the laboratory/hands-on-training for better understanding of the concepts.
- In addition to HODs visiting industries, he recommended the faculty members of the department also to visit industries for knowledge updation and upskilling.
- GATE coaching classes can be started by our faculty members
- Innovative materials used in student projects can be used to construct the concrete fencing and poll in the campus.
- He appreciated our faculty members and students for publications in International conference.

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- He also appreciated Mrs.C.Subha, Assistant Professor (Sr.Gr.) for publishing a book chapter.
- He suggested all faculty members to use approved RIT Department power point presentation.
- Experiments have to be conducted to the students using Benkelman beam.
- Students should be engaged in preparing models related to Civil Department instead of purchasing from external members.
- All the faculty members are asked to contribute more towards the publications in journals.

13. **Dr.S. Nagan** suggested the following points:

- He appreciated the efforts taken by the Principal and Management by having a Department Advisory Committee involving academicians, industrial experts, alumni, in the development of Department in all aspects. He also observed that it is a good practice to review the suggestions made in the previous meeting and the measures taken towards the same.

For Teaching - Learning Process

- Classes for weaker students shall be organized.
- Objective type questions (1 mark, 2 marks and 5 marks) could be planned for subjects involving mathematical calculations.
- A well-developed course material for each course shall be prepared.
- Question Bank for each course shall be made ready.
- In case of online classes, the contents taught in the class shall be made available to the students in the form of ppt with audio explanation of each slide
- Further, in case of online classes, number of classes per day shall be limited to 4.
- Similarly, during offline classes also, the duration as well number of classes per day need to be reduced so as to impart effective teaching learning.
- In case of project reviews, Rubrics / guidelines for allocation of marks for each review shall be prepared and circulated to students for preparing accordingly.

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For Industry Institute Interaction

- Industry supported courses shall be attended by Faculty / students.
- NSIC, Hyderabad a Govt. of India undertaking is organizing number of useful courses required for staff as well students to meet industrial needs. They organize courses also for supporting staff. The Chair Person advised making use of these opportunities.
- Institution shall think of signing MoUs with such organizations to offer industry supported courses.
- Virtual Internship at Industries shall be planned especially during this lockdown.

For Sponsored Projects

- A workshop / meeting shall be arranged among the faculty to brief the details of various funding agencies, eligibility criteria, period of applying, etc

For Copyrights/Patents

- To apply for copyrights/patents, programs shall be organized to brief the procedures involved.

For Website Updation

- Faculty shall be advised to update their profile in the college website.

14. **Dr.R.Subhsree** congratulated all faculty members of Civil Engineering Department for supporting students in publishing papers in journals.

15. **Er.Nirmal Ganesh** appreciated our faculty members for conducting virtual laboratory for practical courses and for pursuing more online courses (by faculty members and students).

16. The meeting was closed by extending a appreciation for the details shared by the members. It was assured that sincere effort will be made to accomplish the suggestions effectively by the department.

17. All the advisory committee members were requested to be the driving force of the department and extend all their support towards reducing the curriculum gap in an effective manner.

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18. Mr.G.Karthikeyan, Assistant Professor (Senior Grade), Department of Civil Engineering, proposed the Vote of Thanks to all the members for attending the second DAC meeting with a request to provide long-term support towards the development of the department in all aspects.

Prepared by

Reviewed by

Approved by

Copy to:

1. All the members of DAC over email for information and record.
2. File