



RAMCO INSTITUTE OF TECHNOLOGY
Department of Civil Engineering
Academic Year 2022 – 2023



Minutes of 4th Department Advisory Committee Meeting

Date of Meeting: 18.04.2023 (Tuesday)
Time of Meeting: 10:30 AM to 1:30 PM
Venue : Civil Seminar Hall
Google Meet Link: <https://meet.google.com/cff-jsoc-tmt>

Members Present:

Sl. No.	Name of the Faculty Member	Designation	Member
01.	Dr.R.Lakshmi	Professor & Head,KCET, Virudhunagar	Academic
02.	Er.M.Ravikumar	Senior DGM, L&T Bullet Train Project, Chennai	Industry
03.	Er.R.Thangaraj	Executive Engineer, PWD, WRD, Madurai	PWD
04.	Dr.S.Dharmar	Associate Professor & Head / Civil	Member
05.	Dr.G.Karthikeyan	Assistant Professor (Sr.Gr.)/Civil	Member
06.	Mr.R.Arunkumar	Assistant Professor (Sr.Gr.)/ Mechanical	Member
07.	Dr.V.Anusuya	Associate Professor & Head/IT	Member
08.	Mr.E.Thangam	Assistant Professor (Sr.Gr.) / EEE	Member
09.	Mr.B.Kannan	Assistant Professor (Sr.Gr.) / ECE	Member
10.	Dr.T.Vigneswari	Assistant Professor (Sr.Gr.) / Physics	Member
11.	Dr.O.Senthilkumar	Professor & Head/Chemistry	Member
12.	Mr.V.Pradeepam	Assistant Manager/Civil, Dalmia Cements, Sattur	Alumni
13.	Ms.S.Loga Ganesh	Assistant Engineer, Highways Department, Madurai	Alumni
14.	Mr.S.Marutharaj	Assistant Manager/Civil The Ramco Cements Limited, R.R.Nagar	Alumni

15.	Mrs.G.Geetha Kalyani	Professor & Head, Madona Arts & Science College, Madurai	Parent
16.	Mr.V.Vineeth	IV year B.E. Civil Engineering	Student
17.	Dr. M. Indhumathi	Associate Professor / Civil	Representative
18.	Mrs.C.Subha	Assistant Professor (Sr.Gr.)/Civil	Representative
19.	Mrs. D. Darling Helen Lydia	Assistant Professor / Civil	Representative
20.	Mr. T. Chockalingam	Assistant Professor / Civil	Representative
21.	Mrs. R. Kalaimani	Assistant Professor / Civil	Representative
22.	Mr.R.Muruganantham	Assistant Professor / Civil	Representative
23.	Mr.A.Manicka Mamallan	Assistant Professor / Civil	Representative
24.	Mrs. A. Leema Margret	Assistant Professor / Civil	Representative
25.	Mr.V.Ragavan	Assistant Professor / Civil	Representative

1. REVIEW OF PREVIOUS MEETING (3rd DAC)

Presenter: Dr S.Dharmar, Associate Professor and Head/Civil & Mrs.A.Leema Margret, AP/Civil

- Dr.S.Dharmar extended a warm welcome to the DAC external and internal members and expressed his sincere gratitude towards all the members present in the meeting.
- He presented the agenda of the meeting

S.No.	Points of Discussion	Presentation By
1.	Review of 3 rd DAC meeting held on 25.09.2021 & Review of Quality Objectives	Dr.S.Dharmar & Mrs.A.Leema Margret
2.	Vision, Mission, PEOs and PSOs	Dr.G.Karthikeyan
3.	Program Curriculum and Teaching – Learning Processes <ul style="list-style-type: none"> a. Curricular Gap Identification and content beyond syllabus b. Implementation and effectiveness of teaching and learning c. Impact analysis of industry – institute interaction / industrial training and action taken 	Dr.M.Indhumathi & Mrs.D.Darling Helen Lydia

S.No.	Points of Discussion	Presentation By
4.	Course Outcomes and Program Outcomes	Mr.T.Chockalingam & Mr.V.Ragavan
5.	Students performance in Co-curricular / Extra-Curricular activities	Mrs.R.Kalaimani & Mrs.A.Leema Margret
6.	Faculty participation and contributions	Mr.T.Chockalingam & Mr.V.Ragavan
7.	Facilities and Technical support	Mr.R.Muruganantham
9.	Training and Placement Progress	Mr.T.Chockalingam & Mrs.R.Kalaimani
10.	Consultancy Work Progress	Mr.A.Manicka Mamallan
11.	Review of 4 th Program Assessment and Quality Improvement Committee (PA&QIC) meeting held on 04.08.2022 & Budget allocation and Utilization	Dr.G.Karthikeyan
12.	Any other matters (NBA Accreditation, Autonomous, Drone & DGPS Lab, Research Centre, Admission etc.,	Dr.S.Dharmar
13.	Overall Feedback and Suggestion from members of the committee	DAC Members

- Mrs.A.Leema Margret, Assistant Professor presented the review of the previous (3rd DAC) meeting and the status report of Quality Objectives of the Academic Year (2021-2022)

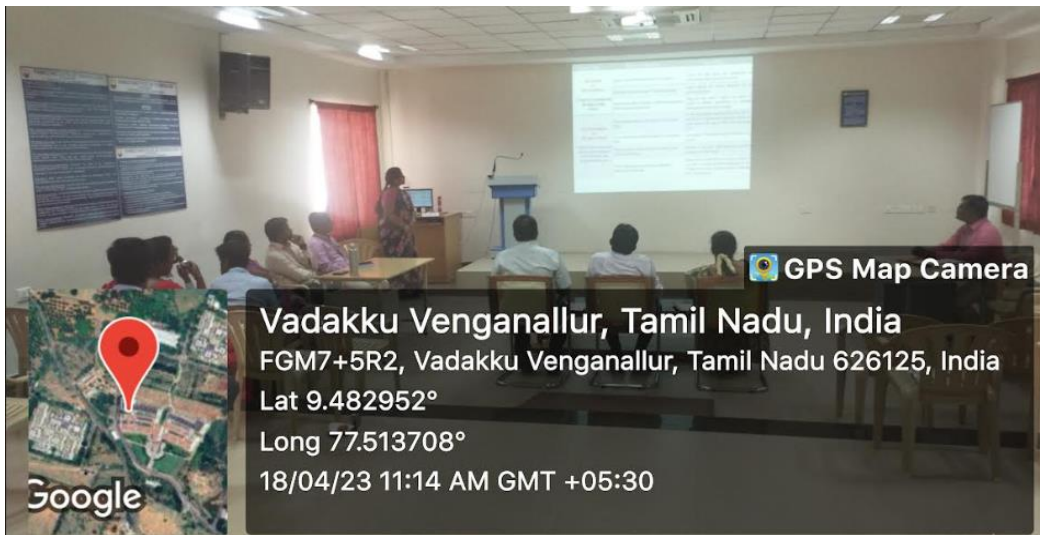


Fig.1 Review of previous meeting (3rd DAC) and Quality Objectives , Presented by Dr.S.Dharmar, Associate Professor & Head/Civil & Mrs.A.Leema Margret

2. Vision, Mission, PEOs and PSOs

Presenter: Dr.G.Karthikeyan, Assistant Professor (Sr.Gr.)/Civil

- Disseminated the Institute Vision, Mission, Department Vision, Mission, POs, PEOs and PSOs

- Presented the process involved in defining the Vision, Mission of the Department
- Presented the publishing modes of Vision, Mission, PEOs and PSOs with photos
- Presented the frequency of meeting for the dissemination of Vision, Mission, PEOs and PSOs among internal and external stakeholders with photos
- Presented the mapping of PEOs with Mission Statements

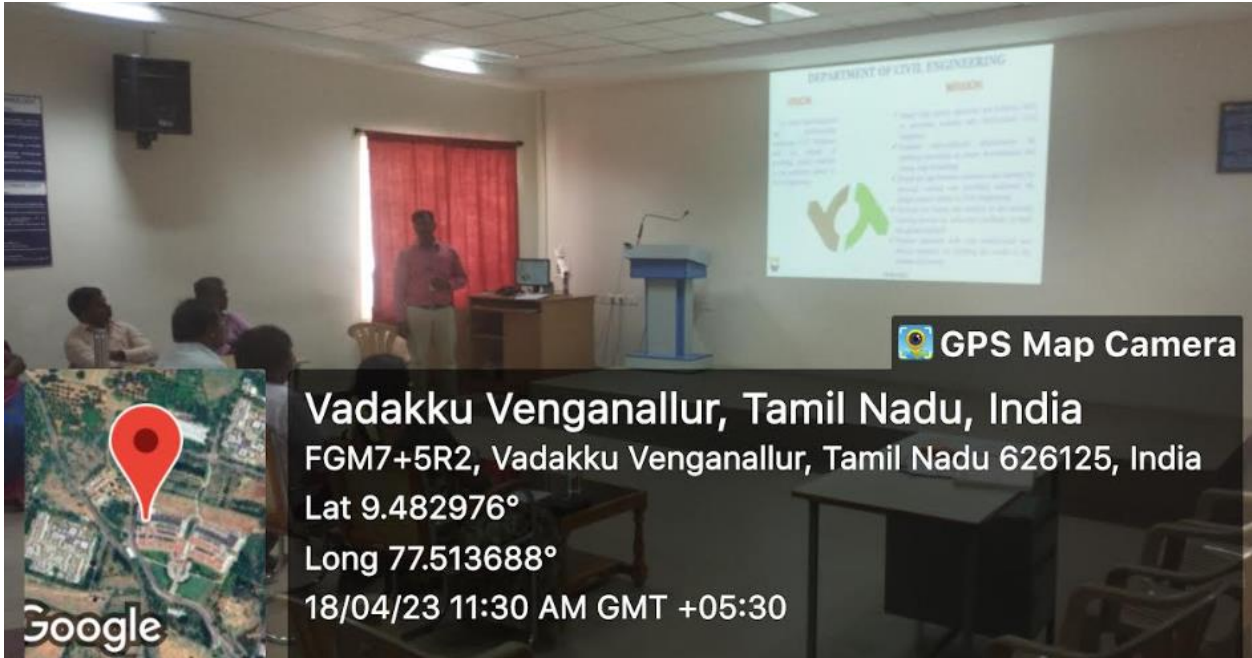


Fig.2 Vision Mission, PEOs and PSOs, Presented by Dr.G.Karthikeyan, AP(Sr.Gr.)/Civil

Remarks from Members:

- Present the outcomes from the activities conducted during last academic year for measuring PSOs
- Reduce and revise the PSOs statements as per the domain or Department specialization and stakeholders feedback
- Justification for mapping of PEOs with mission statements need to be presented

3. PROGRAM CURRICULUM AND TEACHING – LEARNING PROCESS

Presenter: Dr.M.Indhumathi, AP/Civil & Mrs.D.Darling Helen Lydia, AP/Civil

- Presented the Curriculum gap addressed to Anna University
- Presented the content beyond syllabus conducted as per lecture plan
- Online course particulars of students for the academic year 2021-2022 were presented

- Innovative practices followed and practiced during this academic year were presented
- Discussed about quality of internal, semester question papers, assignments and evaluation
- Final year students projects with its outcomes were presented
- Presented the Industry Institute interaction details such as site visit, IPT, Internships, Webinars, Value added courses etc.



Fig.2 Program Curriculum & Teaching Learning Process, Presented by Mrs.D.Darling Helen Lydia, AP/Civil

Remarks from Members:

- Identification & categorization of slow learners and bright learners should be done
- Internship impact analysis should be done
- Suggested to improve the outcome of final year projects

4. COURSE OUTCOMES AND PROGRAM OUTCOMES

Presenter: Mr.T.Chockalingam & Mr.V.Ragavan AP /Civil

Action taken for suggestions provided in the 3rd DAC meeting held on 25.09.2021 was discussed.

S. No.	Suggestions	Action Taken
1.	Initial target for subjects can be fixed as 70% of total target.	As the end semester examinations for the AY20-21 and AY21-22 (Odd Semester) happened virtually, the initial target is still kept as 60% of the total target (1.8)
2.	Try to include ethics (professional ethics) somewhere in PSOs	The department is planning to apply for NBA during AY23-24, thereby fine-tuning of Programme Specific Outcomes is in progress
3.	Students needs to be well versed with codal provisions – both IS as well as IRC.	Relevant IS and IRC codal provisions are made available in all laboratories.
4.	At least, three hours per week can be utilized for exploring the code books.	Every week, to explore the code books as well as to be aware of real-time practices happening on site, Construction Practice Laboratory hours are allocated for II, III, and IV year. <i>(Proof Enclosed)</i>

- Described the direct assessment methods such as Internal Assessment Tests, Assignments & Tutorials, Project reviews and End Semester University Examinations.
- Described the indirect assessment methods such as Programme Exit Survey, Alumni Survey and Course Exit Survey – Theory and Practical and the same was elaborated in a detailed manner.
- Process of Course Outcomes Attainment and PO/PSO attainment is explained.
- Average Grade Point achieved for 3rd, 4th, 5th, 6th, 7th and 8th semester was discussed.
- 3 subjects in 4th semester during the academic year 2021-2022 (Even Semester) titled CE8402 Strength of materials, CE8403 Applied Hydraulic Engineering and CE8491 Soil mechanics not attained the target planned.
- Attainment calculation for Academic year 2022-2023 (Odd Semester) – yet to be calculated – since the revaluation results yet to be announced.
- Calculation of Attainment of Program Outcomes and Program Specific Outcomes is under progress.

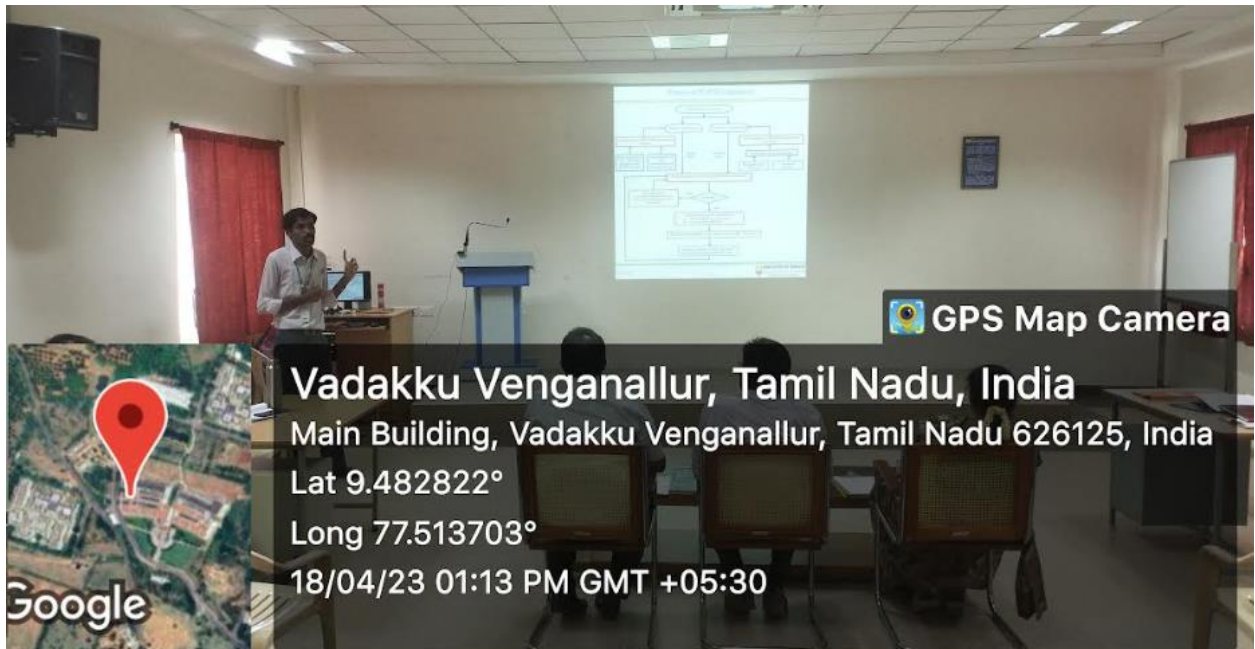


Fig.3 Review of Assessment, Presented by Mr. T. Chockalingam, AP/Civil

Remarks from Members:

S. No.	Remarks	Suggested by
1.	Prepare a small model of beams with different end conditions (Hinge, fixed etc..) to understand the concepts easily	Er.R.Thangaraj, EE, WRD
2.	Fixation of target for attainment can be rechecked	Mr.B.Kannan, AP(SG)/ECE
3.	10 years university question papers can be solved for a particular subject and the same should be practiced by students	Er.M.Ravikumar Senior DGM
4.	Different text books can be referred and different variety of problems needs to be worked out	L&T Heavy Civil Infrastructure
5.	Encourage students to do repetitive homework	

5. Students performance in Co-curricular / Extra-Curricular activities

Presenter: Mrs.R.Kalaimani & Mrs.A.Leema Margret

- Presented the list of programs planned and organized through RIT-STRUCTA, ICI Students Chapter and IGBC.
- Presented the title of the program along with brochure and the program outcomes.
- Registration, Participation details and feedback received from all participants for various programs were presented.
- Discussed the students' participation in Industrial Visit/In plant Training, Quiz/Project Competition, Workshop and Webinars.
- Discussed the students' participation in International Conference on Smart Technologies and Applications-2022 (ICSTA 2022), 20th Annual ISTE TamilNadu Section Engineering Students' Convention
- Students Participation in Co-Curricular and Extracurricular activities for the AY (2021-2022) are presented.
- Presented the students online course details for the academic year (2021-2022) along with their outcomes.



Fig.4 Student performance in Co-curricular & Extra curricular activities, Presented by Mrs.R.Kalaimani and Mrs.A.Lemma Margret, AP/Civil

Remarks from Members:

- The number of events to be conducted in connection with MoU signed Industries has been suggested to increase.
- Curriculum gap to be identified in every subject and which is conducted as a guest lecture for students through professional societies.
- Suggested to encourage students to participate in Cocurricular and Extracurricular activities in both Inter/Intra Institute level.

6. FACULTY PARTICIPATION AND CONTRIBUTIONS

Presenter: Mr. T. Chockalingam & Mr.V.Ragavan, AP/Civil

- Mentioned the details of faculty members' total strength, number of Ph.D holders, number of faculty members pursuing Ph.D .
- Tabulated the Student Faculty Ratio (SFR), Faculty Cadre Proportion, FacultyQualification and Faculty Retention for the academic year 2022-2023 and due comparison with the previous academic year 2020-2021 was made.
- Publications in journals by the faculty members and the list of the journal titles were presented.
- Presented the consolidated data of faculty members' participation in various reputed
- conference publications (National and International) and Book chapter publications.
- Funded project details, Patent details and their current status were also presented for the academic year 2021-2022.
- Faculty members' participation in various workshops, webinars, conferences, FDPs, STTPs in various reputed industries and institutions are listed.
- Presented the list of faculty online course completion, details of faculty members acted as resource person within as well as outside RIT and their participation in AICTE,IUC EE, IITM PALS for the academic year 2021-2022.

Faculty Participation (2021-22)

Journal, Conference & Book chapter Publications

Sl. No.	Description	Level	2020-2021	2021-2022
1.	Journal Publications	SCI Indexed	1	2
		Scopus Indexed	1	2
2.	Conference Publications	International	4	14
		National	11	-
4.	Book Chapter Publication	International	1	1

· *Fig.5 Faculty Participation and Contributions, Presented by Mr.V.Ragavan, AP/Civil*

Remarks from Members:

- Advised to present the consultancy, maintenance and survey work along with pictures.
- Potential Student projects should be identified and submitted for project proposal.
- Faculty member have to be encouraged to increase the faculty publication in journal and conference.
- Include department laboratory facilities, documentation work and fees earned through consultancy work by faculty members.
- For maintenance work, it was suggested to prefer Diploma level engineers instead of faculty members under the Estate Maintenance Department.

7. Facilities and Technical support

Presenter: Mr.R.Muruganantham, AP/Civil

- Presented the list of adequate and well equipped laboratories and their technical man power.

- Mention about additional facilities created for improving the quality of learning experience in laboratories.
- Laboratories: Maintenance and overall ambiance.
- Safety measures in laboratories.



Fig.6 Facilities and Technical Support, Presented by Mr.R.Muruganantham, AP/Civil

Remarks from Members:

- Prepare the separate document for utilization of additional facilities for each laboratory.
- Mention the purchase amount of additional equipment.
- Utilization of each lab need to Outcome based education like paper publication and patent.

8. STATUS OF CONTINUOUS IMPROVEMENT

Presenter: Dr.M.Indhumathi, ASP/Civil

- Presented the academic audits conducted and their reports
- Shared the effectiveness through the academic audits
- Described the Placement, Higher studies and Entrepreneurship details
- Presented the student admission details

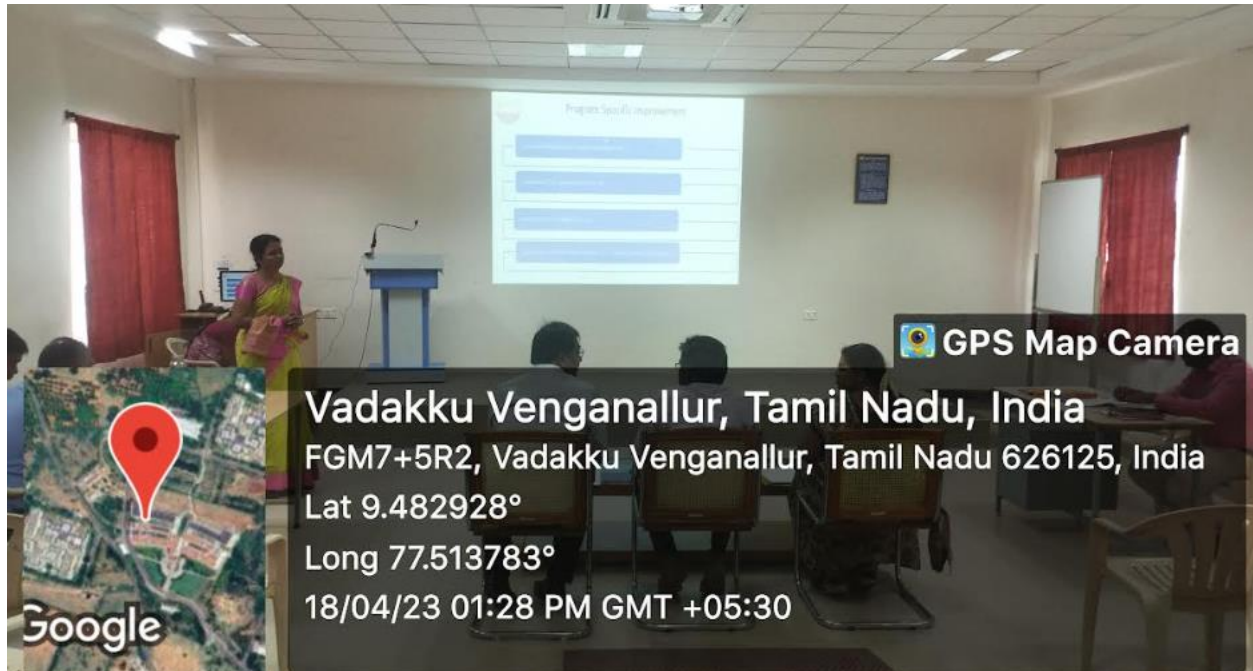


Fig.7 Continuous Improvement, Presented by Mr.R.Muruganatham, AP/Civil

Remarks from Members:

- Try to Look for more engagement in the Construction Practises Lab.
- Motivate the students to get placed in government sectors.

9. TRAINING AND PLACEMENT PROGRESS

Presenter: Mr.T.Chockalingam, AP(SG)/Civil Engineering & Mrs.R.Kalaimani, AP/Civil .

- Elaborated the training classes conducted for I Year, II Year, III Year and IV year provided by external training partner Top Freshers, Chennai.
- Discussed the placement statistics for the academic year 2021-2022 and 2022-2023.
 - ❖ Out of 7 students who were interested in placement, 6 students got their offers from different firms (AY2021-22)
 - ❖ Out of 12 students who were interested in placement, 6 students got their offers from different firms. (AY2022-23; Placement in progress) Engineering

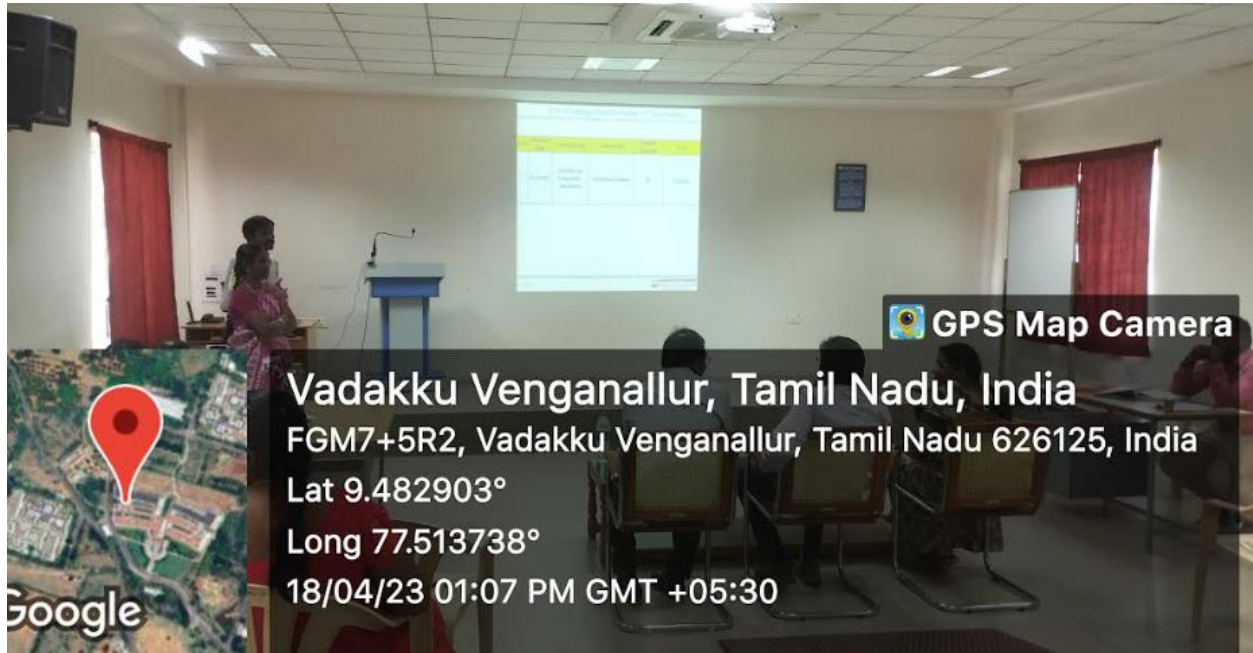


Fig.8 Training and Placement Progress, Presented by Mr.T.Chockalingam, AP (Sr.Gr.)/Civil and Mrs.R.Kalaimani, AP/Civil

Remarks from Members:

S. No.	Remarks	Suggested by
1.	Department-specific training provided needs to be showcased	Mr.E.Thangam, AP(SG)/EEE
2.	Competitive exam coaching to be continued and the opportunities available in state government and central government need to be informed to students periodically to get motivated.	Er.R. Thangaraj, EE, WRD

10. CONSULTANCY WORK PROGRESS

Presenter: Mr.A.Manicka Mamallan, AP/Civil

- Presented the consultancy work progress for the academic year 2022 - 2023

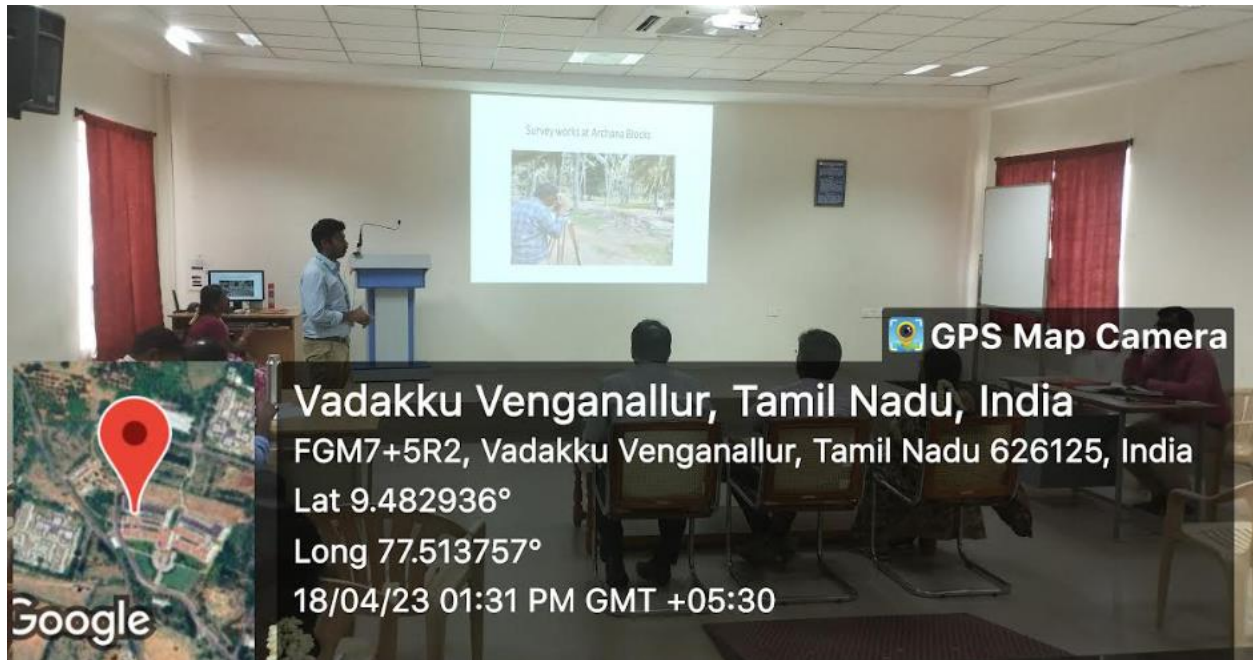


Fig.9 Consultancy work progress presented by, Mr.A.Manicka Mamllan, AP/Civil

Remarks from Members:

S. No.	Remarks	Suggested by
1.	Certificates of appreciation to be provided for the students involved in the consultancy works	Er.R. Thangaraj, EE, WRD
2.	Informed to circulate the list of consultancy works and rates to PWD	Er.R. Thangaraj, EE, WRD

Remarks from Members:

-11. Review of 4th Program Assessment and Quality Improvement Committee (PA&QIC) meeting held on 04.08.2022 & Budget allocation and Utilization

Presenter: Dr.G.Karthikeyan, AP(Sr.Gr.)/Civil

- Presented the members' suggestions and action taken in the 4th PA&QIC meeting held on 04.08.2022
- Presented the budget allocation and utilization for the academic year 2021 - 2022



Fig.9 Review of 4th PA&QIC meeting and Budget Utilization, Presented by Dr.G.Karthikeyan, AP(Sr.Gr.)/Civil

Remarks from Members:

- Collect students feedback and employer feedback for internship activities
- Budget utilization to be improved in the Research & Development category.

12. Any other matters (NBA Accreditation, Autonomous, Drone & DGPS Lab, Research Centre, Admission etc.,)

Presenter: Dr.S.Dharmar, ASP & Head/Civil

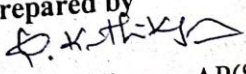
- Presented the work progress for NBA Accreditation, Autonomous, Establishment of Drone and DGPS Lab, Research Centre Recognition and Admission





Fig.9 Any other matters, Presented by Dr.S.Dharmar, ASP & Head/Civil

Overall Remarks from Members:

- Strengthen the department library by including more number of textbooks, subject notes by the faculty members and Journals
- Encourage the students to become the student member in Indian Road Congress Society
- Enhance the laboratory facilities for including 3D printing technology
- Budget utilization to be improved in the Research & Development category
- Increase the faculty publication in journal and conference.
- Department specific training to be provided for enhancing the placement activities

Prepared by

 Dr.G.Karthikeyan, AP(SG)/Civil

Reviewed by

 HOD

Approved by

 Principal
 22/1/23