



RAMCO INSTITUTE OF TECHNOLOGY
Department of Civil Engineering
Academic Year 2021 – 2022



Minutes of 3rd Department Advisory Committee Meeting

Date of Meeting: 25.09.2021 (Saturday)

Time of Meeting: 10:00 AM to 1:00 PM

Google Meet Link: <https://meet.google.com/cff-jsoc-tmt>

Members Present:

Sl. No.	Name of the Faculty Member	Designation	Member
01.	Dr.S.Nagan	Professor, TCE, Madurai	Academic
02.	Er.M.Ravikumar	DGM, L&T IDPL, Chennai	Industry
03.	Dr.B.Arun Sundaram	Principal Scientist, SERC, Chennai	R& D
04.	Er.R.Thangaraj	Executive Engineer, PWD, WRD, Madurai	PWD
05.	Mr.S.Dharmar	Assistant Professor (Sr.Gr.) & Head / Civil	Member
06.	Mr.G.Karthikeyan	Assistant Professor (Sr.Gr.)/Civil	Member
07.	Dr.P.Sureshkumar	Associate Professor / Mechanical	Member
08.	Mr.R.Venkatesh	Assistant Professor (Sr.Gr.) / CSE	Member
09.	Dr.R.Subasree	Assistant Professor (Sr.Gr.) / Maths	Member
10.	Dr.M.Anand	Associate Professor / English	Member
11.	Mr.V.Pradeepam	Assistant Manager/Civil, The Ramco Cements Ltd, Kurnool	Alumni
12.	Ms.S.Loga Ganesh	Assistant Engineer Highways Department, Madurai	Alumni
13.	Mr.S.Marutharaj	Assistant Manager/Civil The Ramco Cements Limited, R.R.Nagar	Alumni
14.	Dr.M.Jeyaraman	Assistant Professor/Maths, Raja Doraisingam Government Arts College, Sivagangai	Parent
15.	Mr.V.Vineeth	III year B.E. Civil Engineering	Student
16.	Mrs.C.Subha	Assistant Professor (Sr.Gr.)/Civil	Representative
17.	Mrs. D. Darling Helen Lydia	Assistant Professor / Civil	Representative
18.	Mr. T. Chockalingam	Assistant Professor / Civil	Representative
19.	Mrs. R. Kalaimani	Assistant Professor / Civil	Representative

20.	Mr.R.Muruganantham	Assistant Professor / Civil	Representative
21.	Mr. J. Ram Prashath	Assistant Professor / Civil	Representative
22.	Mr.A.Manicka Mamallan	Assistant Professor / Civil	Representative
23.	Dr. M. Indhumathi	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 (2nd DAC)

Presenter: Mr S.Dharmar, Assistant Professor (Sr.Gr.) and Head/Civil

- He started extended a warm welcome to the DAC external and internal members and expressed his sincere gratitude towards all the members present in the meeting.
- Presented the agenda of the meeting and the review of the previous (2nd DAC) meeting.

S.No.	Points of Discussion	Presentation By
1.	Review of 2 nd DAC meeting held on 21.11.2020	Mr.S.Dharmar & Mrs.A.Leema Margret
2.	Program Curriculum and Teaching – Learning Processes 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	Mrs.C.Subha & Mr.G.Karthikeyan
3.	Review of assessment and analysis of the attainment of COs/POs/PSOs with program effectiveness	Mr.T.Chockalingam & Mr.J.Ram Prashath
4.	Appraisal of student support system Co-curricular / Extra-Curricular activities	Mrs.D.Darling Helen Lydia & Mr.A.Manicka Mamallan
5.	Faculty participation and contributions	Mrs.A.Leema Margret & Mr.V.Ragavan
6.	Status of continuous improvement	Dr.M.Indhumathi & Mrs.C.Subha
7.	Review of department academic plan and department progress	Mrs.R.Kalaimani & Mr.R.Muruganantham
8.	Review of 2 nd Program Assessment and Quality Improvement Committee (PA&QIC) meeting held on 14.08.2021	Mr.G.Karthikeyan & Mrs.D.Darling Helen Lydia

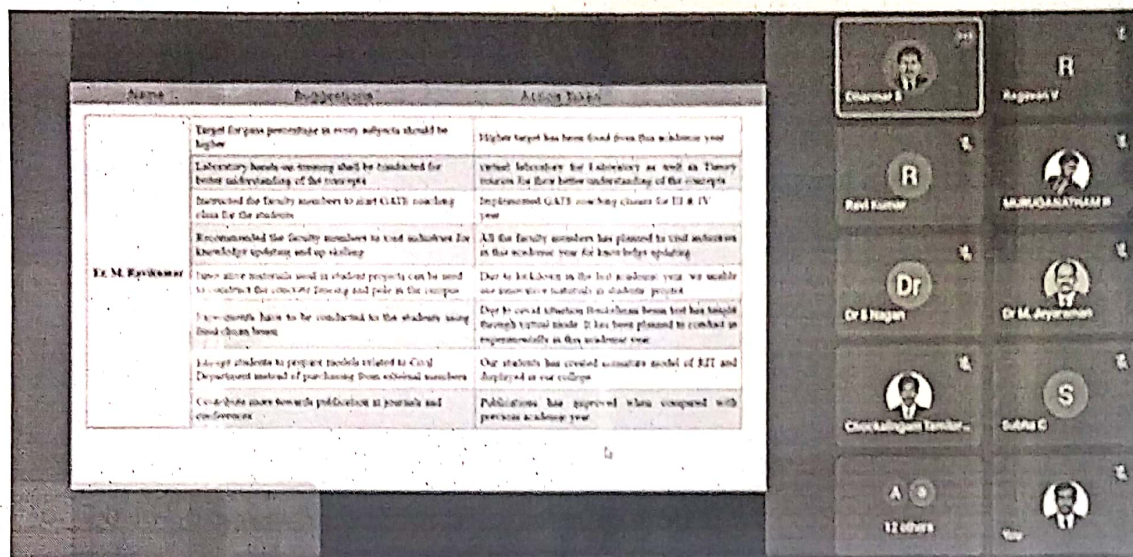


Fig.1 Review of previous meeting (2nd DAC), Presented by Mr.S.Dharmar, AP(SG) & Head/Civil

2. PROGRAM CURRICULUM AND TEACHING – LEARNING PROCESS

Presenter: Mrs.C.Subha & Mr.G.Karthikeyan, Assistant Professor (Sr.Gr.)/Civil

The following points were presented.

- Curricular Gap Identification and content beyond syllabus - The proposed modifications of R2017 measures were communicated to Anna University to be considered while formulating next Regulation syllabus. Acknowledgement and responses to the proposed modifications were received from the university and has been presented in the meeting.
- Innovative teaching methods like demonstration of experiments using virtual labs, use of interactive projectors for problematic subjects, presentation of real time videos and animated videos, conducting quizzes etc were followed to enhance the teaching-learning process.
- Special coaching classes were conducted for weak students and Four MCQ Tests were conducted for students with arrears.
- Technical aptitude classes were conducted to help students for competitive exam preparation.
- Students were encouraged to do online courses of their interest to enhance knowledge.
- Detailed the MoUs between department and various industries and the impact of industry – institute impact.
- Student internship details and the method of evaluation of internship were presented.

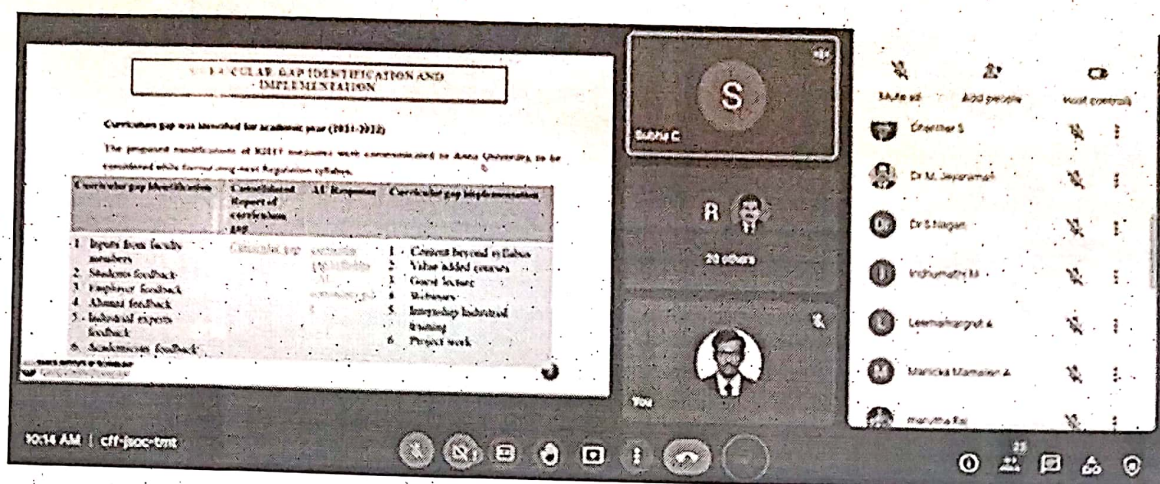


Fig.2 Program Curriculum & Teaching Learning Process, Presented by Mrs.C.Subha, AP(Sr.Gr.)/Civil

Remarks from Members:

- Impact of innovative practices must be measured.
- Present the outcome for Impact of student internship.
- Improve the quality of projects in different specialization for the final year project work.

3. REVIEW OF ASSESSMENT AND ANALYSIS OF THE ATTAINMENT OF COS/POS/PSOS WITH PROGRAM EFFECTIVENESS

Presenter: Mr.T.Chockalingam & Mr.J.Ram Prashath, AP /Civil

The following contents were presented,

- 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 was explained.
- Average Grade Point achieved for 3rd, 4th, 5th, 6th and 7th semester was discussed.
- Target fixation for theory courses was discussed with the panel members.
- Program outcomes as per NBA was shown.
- Program Specific Outcomes of the department was elaborated and suggestions were solicited.
- Comparing the Programme Outcomes attainments obtained for Regulations 2017 is under progress.

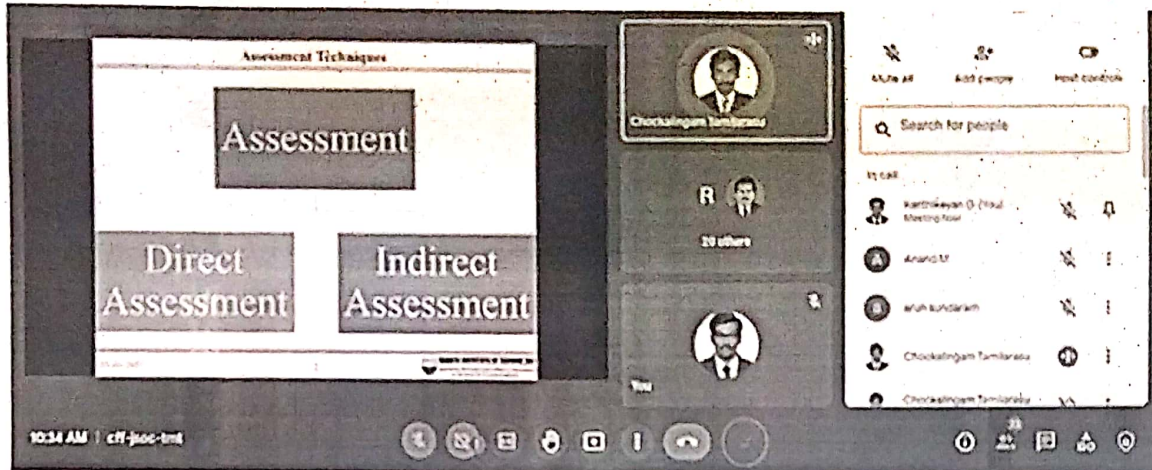


Fig.3 Review of Assessment, Presented by Mr. T. Chockalingam, AP/Civil

Remarks from Members:

- Initial target for subjects can be fixed as 70% of total target.
- Try to include ethics (professional ethics) somewhere in PSOs.
- Students need to be well versed with codal provisions – both IS as well as IRC.
- At least, three hours per week can be utilized for exploring the code books.

4. APPRAISAL OF STUDENT SUPPORT SYSTEM CO-CURRICULAR / EXTRA-CURRICULAR ACTIVITIES

Presenter: Mrs.D.Darling Helen Lyda & Mr.A.Manicka Mamallan, AP/Civil

- Presented the details of professional bodies in the Civil Engineering Department, RIT
- Shared the details of events conducted through ICI & ISTE
- Explained Civil Engineering Association RIT Structa and presented the events conducted through RIT Structa.
- Future plans were also presented.

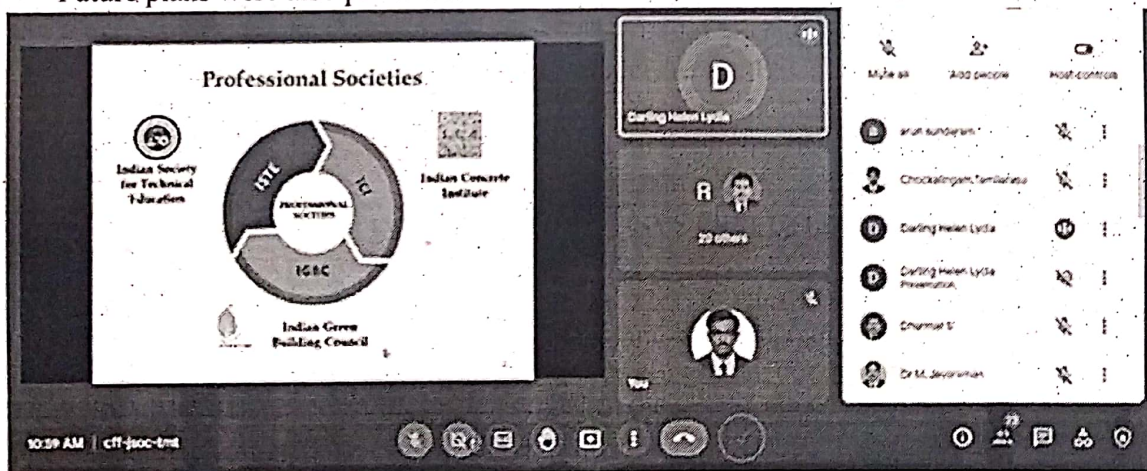


Fig.4 Co-curricular & Extra curricular activities, Presented by Mrs.D.Darling Helen Lydia, AP/Civil

Remarks from Members:

- Include attainment calculation for events conducted through Professional societies.
- Advised to apply for award schemes conducted by professional societies and encourage students to participate to get INSDAG awards.

5. FACULTY PARTICIPATION AND CONTRIBUTIONS

Presenter: Mrs.A.Leema Margret & 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 and number of faculty members attended Ph.D selection interview.
- Tabulated the Student Faculty Ratio (SFR), Faculty Cadre Proportion, Faculty Qualification and Faculty Retention for the academic year 2020-2021 and due comparison with the previous academic year 2019-2020 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 2020-2021.
- 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, IUCEE, IITM PALS for the academic year 2020-2021.
- Presented the details of Rajapalayam Mega city Project, Consultancy; Maintenance work carried out at college level.

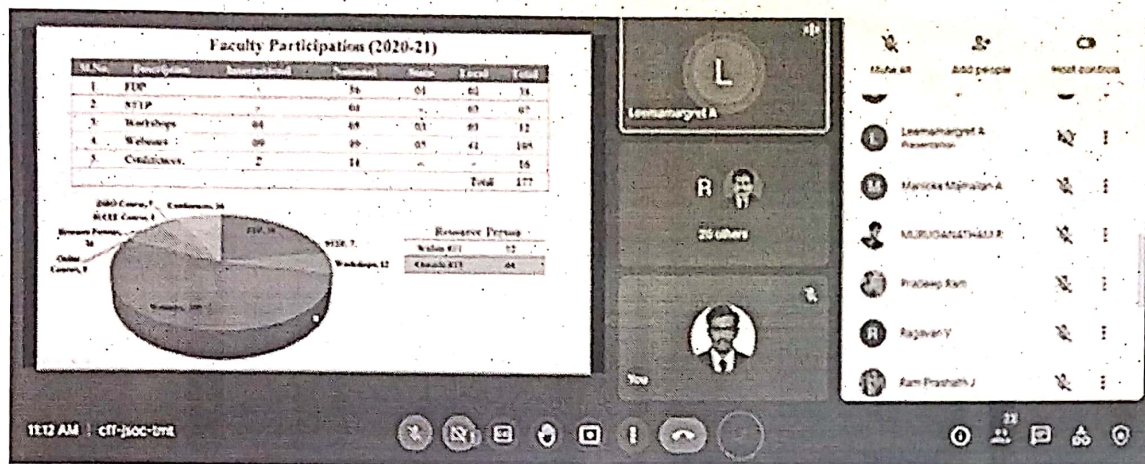


Fig.5 Faculty Participation and Contributions, Presented by Mrs.A.Leema Margret, AP/Civil

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 register for Ph.D, thereby faculty publication in journal and conference will also get improved.
- Include department laboratory facilities, documentation work and fees earned through consultancy work by faculty members.
- Suggested the Management that the faculty Cadre and Qualification need to be refined as per AICTE.
- For maintenance work, it was suggested to prefer Diploma level engineers instead of faculty members under Estate Maintenance Department.
- It was recommended to plan and organize new course, so that the name of the institution get improved.

6. STATUS OF CONTINUOUS IMPROVEMENT

Presenter: Dr.M.Indhumathi & Mrs.C.Subha, AP (Sr.Gr.)/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

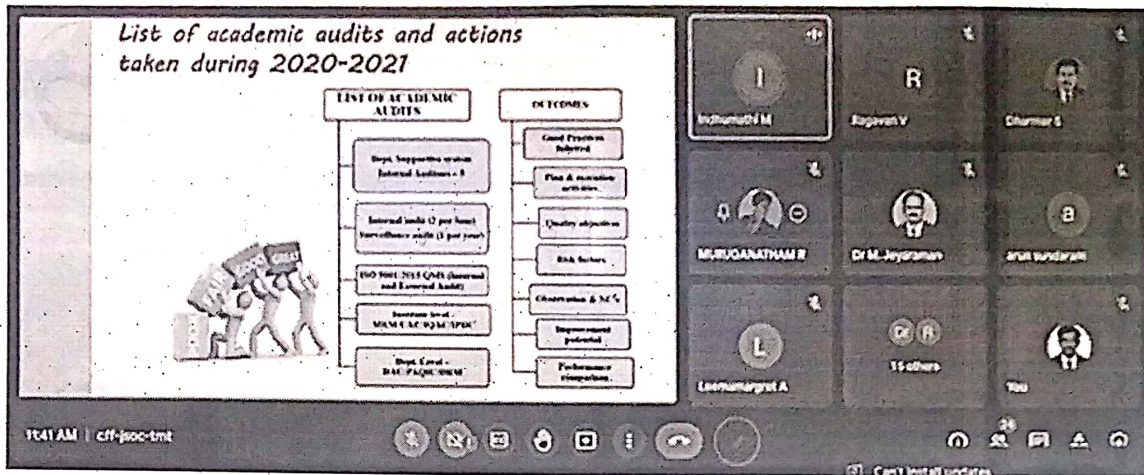


Fig.6 Training and Placement Progress, Presented by Mr.T.Chockalingam, AP/Civil

Remarks from Members:

- Initiate getting feedback from employees after the placements
- Try following more innovative practices in class.
- Motivate the students to get placed in government sectors.

7. REVIEW OF DEPARTMENT ACADEMIC PLAN AND DEPARTMENT PROGRESS

Presenter: Mrs.R.Kalaimani & Mr.R.Muruganatham, Assistant Professor/Civil

- Presented the quality objectives for the academic year 2020 – 2021

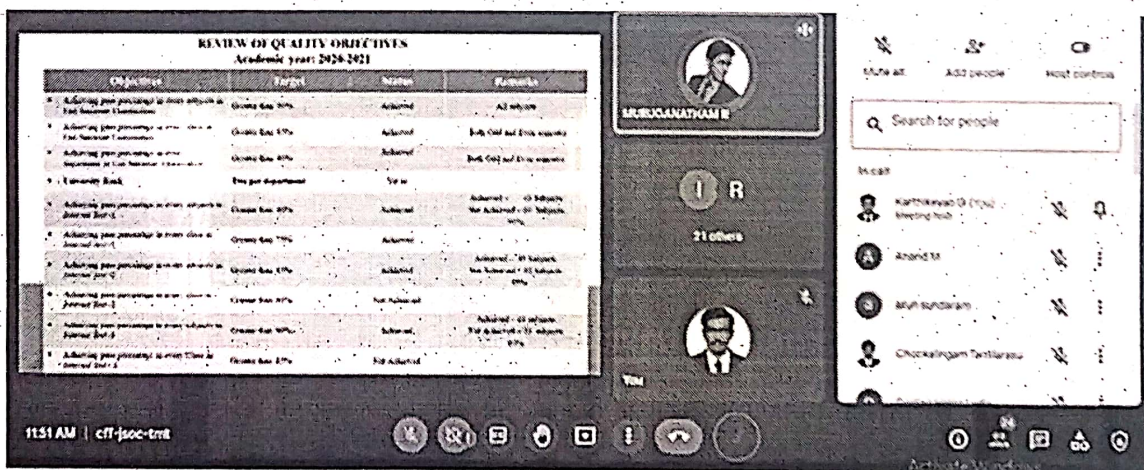


Fig.7 Review of Quality Objectives, Presented by Mr.R.Muruganatham, AP/Civil

Remarks from Members:

- Steps to be taken to achieve the quality objective in the Internal Assessment Test.

- Give practice using previous five years Anna university question paper problems with solution.
- Use different tools for improve the understanding level of the subjects.
- Include audio explanation presentation in all the subjects.
- Mind map technique can be implemented for easy learning and remembering the concept for all the subjects.

8. REVIEW OF 2nd PROGRAM ASSESSMENT AND QUALITY IMPROVEMENT COMMITTEE (PAQIC) MEETING HELD ON 14.08.2021

Presenter: Mr.G.Karthikeyan & Mrs.D.Darling Helen Lydia, AP/Civil

- Presented the agenda of the 2nd Program Assessment and Quality Improvement Committee meeting
- Presented the members' suggestions and action taken details for 2nd PAQIC meeting.

Review of PA&QIC-II

Committee Members 09

Civil: 04
CSE: 01
EEE: 01
ECE: 01
Mechanical: 01
Maths: 01
Representatives 09

Google Meet Link
<https://meet.google.com/cff-ksoc-lml>
Date of Meeting: 14.08.2021
<https://www.nitjpm.ac.in/departments/civil-engg/civil-pac-members.php>

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Programme Assessment and Quality Improvement Committee

The agenda of the meeting

- Review of Previous meeting – 1st PA&QIC
- Result analysis of 2019-2020 Even Semester & 2020-2021 Odd Semester
- Teaching and Learning Process
- Attainment of COs, POs, PSOs with program effectiveness (2019-2020)
- Institute – Industry Interactions and its implementations
- Training and Placement Progress & Career Guidance Cell activities
- Professional Societies and Technical Association: Participants and its inference
- Internship & In-Plant Training
- EDC, IIC and NISP Progress
- Faculty participations / performance
- Laboratory utilization with respect to OBE
- Alumni Association Interactions
- Continuous Improvements
- Stakeholders Feedback and analysis: Students/Parents/Alumni Recruiters
- Any other matters

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Fig.8 Review of 2nd PAQIC Meeting, Presented by Mr.G.Karthikeyan, AP (Sr.Gr.)/Civil

Remarks from Members:

- Nil

9. ANY OTHER MATTERS

Presenter: Dr.M.Indhumathi, AP/Civil

DOMAIN CLASSIFICATIONS AND DOMAIN COORDINATION							
S.No.	Domain Classification						
	Structural Engineering (SE)	Water Resources Engineering (WRE)	Environmental Engineering (EE)	Geotechnical Engineering (GE)	Transportation Engineering (TE)	Geo-Information (GI)	Construction Engineering Management (CEM)
1	Structural Analysis	Fluid Mechanics	Air Pollution and Control Engineering	Soil Mechanics	Highways, Airports, Docks and Harbour Engineering	Surveying	Construction Management
2	Strength of Materials I		Water Supply Engineering	Foundation Engineering		Surveying Laboratory	Estimation, Costing and Valuation
3	Construction Materials		Waste water engineering	Soil Mechanics Laboratory		Total Station and GPS Surveying**	Construction Contract Documents Design**
4	Construction Materials Laboratory		Water and Waste Water Engineering Laboratory			Advanced Surveying**	Construction Planning and Scheduling**
5	Design of Reinforced Concrete Elements		Municipal Solid Waste Management**			Survey Camp	
6	Structural Analysis II		Environmental and Social Assessment**				

Fig.9 Domain Classification, Presented by Dr.M.Indhumathi, AP/Civil

Remarks from Members:

- Include elective courses also in the domain classification.

Overall Remarks from Members:

- Appreciated the identification of curricular gap and comments received from Anna University.
- Conduct value added course of Building Information Modeling (BIM).
- Encourage students to participate two months summer fellowship program which is organized by Indian National Academy of Engineering
- Include check list and IS Code books in the value added course Quality Assurance & Quality Control in Construction
- Include weekly 3 sessions IS code books and specification
- Encourage students to become Member of Indian Road Congress & E-Library
- Encourage students to refer MORTH standards and specifications
- Encourage students for presentation of IS Code book (IS 456 and IS 800) every week two classes
- Include department library utilization details in the next presentation
- Encourage faculty to submit Project proposal in the funding agencies
- Involve students for GATE & Competitive Examination preparation
- Involve students in industrial projects
- Encourage students for manual calculation to validate the results that are obtained from STAAD.Pro and practice cross section and drawing for rough sketch using pencil
- Arrange Hands-on training for Total Station surveying

- Schedule of Rates, Data Book and Units of Measurements can be practiced in the Estimation subject
- For problematic subjects, Mind mapping technique can be used to easily learn the concepts
- More number of innovative practices can be improved.

G. Karthikeyan
25/10/21

Prepared by

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

25/10/21

Reviewed by

HOD/Incharge

25/10/21

Approved by

Principal