



**(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)**  
S.P.G.Chidambara Nadar - C.Nagammal Campus  
S.P.G.C.Nagar, K.Vellakulam - 625 701, (Near Virudhunagar), Madurai District.

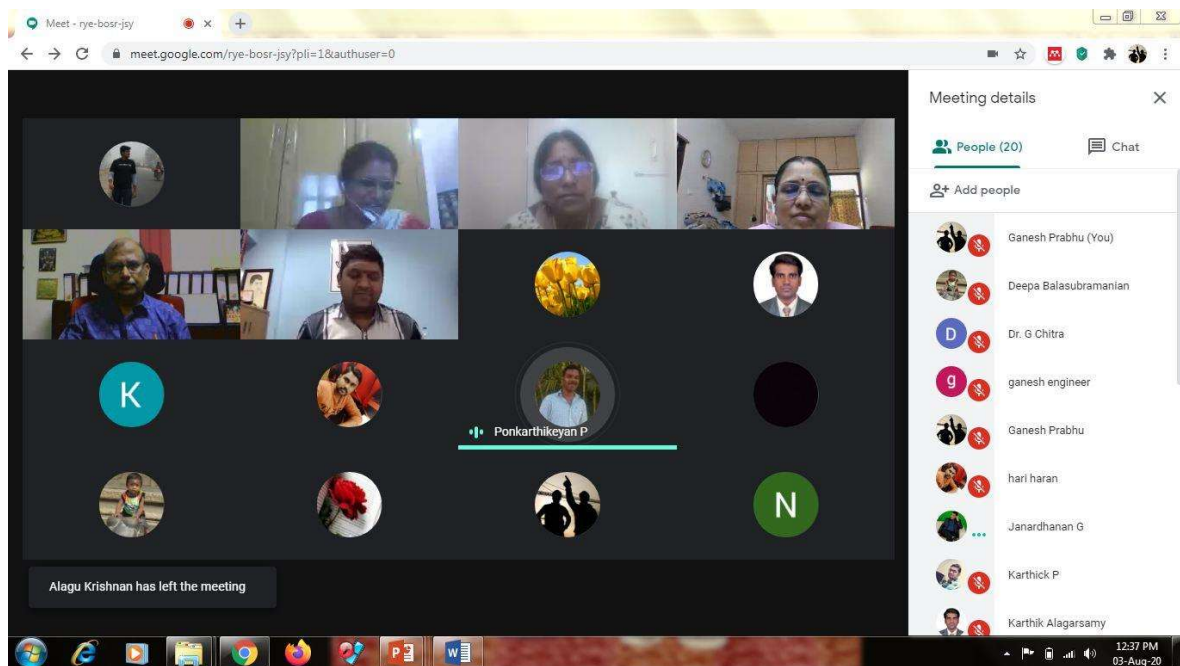
## ANNEXURE -X

### DEPARTMENT OF CIVIL ENGINEERING

**DATE:** 03<sup>rd</sup> August 2020, Wednesday

**Time:** 11.00 AM

**Meeting Link:** <https://meet.google.com/rye-bosr-jsy>





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**DEPARTMENT OF CIVIL ENGINEERING**

**PROCEEDINGS OF THE 1<sup>ST</sup> MEETING OF THE ACADEMIC COUNCIL (ONLINE MODE)**

**HELD AT 11.00 a.m. ON 03.08.2020**

**COMMITTEE MEMBERS**

Capacity	Name & Designation
Chairman of the Board of Civil Engineering	<b>Dr.R.Lakshmi, M.E, Ph.D.,</b> Head of the Department, Department of Civil Engineering, Kamaraj College of Engineering and Technology, Madurai -625 701
Anna University Nominee	<b>Dr.G.Chitra</b> Professor, Dept.of Civil Engineering, Thiagarajar College of Engineering, Madurai-625 015
Academic Council Nominee	<b>Dr. S.Jayalekshmi</b> Professor Department of Civil Engineering, NIT Trichy, Tamil Nadu - 620015
	<b>Dr. G. Janardhanan</b> Associate Professor, Center for Environmental Management,NITTTR, Taramani, Chennai - 600113.
Industrialist	<b>Er.L.Balaji,</b> International Professional Engineer & Registered Valuer , Balaji & Associates, Madurai -625016.
Alumni	<b>Mr. P. Karthick</b> Project Associate, CSIR – Structural Engineering Research Centre(SERC), Chennai

**MEMBERS PRESENT:**

**Dr.P.Kathirvel, M.E, Ph.D.,**  
Professor,  
Department of Civil Engineering,  
Kamaraj College of Engineering and Technology, Madurai.  
**PG programme Co ordinator**

**Mr.S.P.Muralikannan,**  
Assistant Professor, Department of Civil Engineering,  
Kamaraj College of Engineering and Technology, Madurai.  
**UG programme Co ordinator**

**Mr.P.Ponkarthikeyan,**  
Assistant Professor, Department of Civil Engineering,  
Kamaraj College of Engineering and Technology, Madurai.  
**Member**

**Mr.N.Jegan Durai,**  
Assistant Professor, Department of Civil Engineering,  
Kamaraj College of Engineering and Technology, Madurai.  
**Member**

**Mr.D.Velumani,**  
Assistant Professor, Department of Civil Engineering,  
Kamaraj College of Engineering and Technology, Madurai.  
**Member**

**Mr.A.Krishnamoorthy,**  
Assistant Professor, Department of Civil Engineering,  
Kamaraj College of Engineering and Technology, Madurai.  
**Member**

**Mr.M.Subahar,**  
Assistant Professor, Department of Civil Engineering,  
Kamaraj College of Engineering and Technology, Madurai.  
**Member**

**Mr.P.Ganesh Prabhu,**  
Assistant Professor, Department of Civil Engineering,  
Kamaraj College of Engineering and Technology, Madurai.  
**Member**

**Mrs.B.Deepa,**  
Assistant Professor, Department of Civil Engineering,  
Kamaraj College of Engineering and Technology, Madurai.  
**Member**

**Dr.A.Karthick,**  
Assistant Professor, Department of Civil Engineering,

Kamaraj College of Engineering and Technology, Madurai.  
**Member**

**Mr.R.Ganesh,**  
Assistant Professor, Department of Civil Engineering,  
Kamaraj College of Engineering and Technology, Madurai.  
**Member**

**Mrs.R.Sangeetha,**  
Assistant Professor, Department of Civil Engineering,  
Kamaraj College of Engineering and Technology, Madurai.  
**Member**

**Mr.K.Hariharan,**  
Assistant Professor, Department of Civil Engineering,  
Kamaraj College of Engineering and Technology, Madurai.  
**Member**

**Mrs.J.Vijaya Keerthana,**  
Assistant Professor, Department of Civil Engineering,  
Kamaraj College of Engineering and Technology, Madurai.  
**Member**

**Discussions of the meeting:**

1. The meeting started in online mode using Google meet platform at 11.00 a.m. Head of the Department offered a warm welcome to all the members of the Board of Studies. Salient points about the institution and Department were presented by HOD.
2. HOD presented the list of members of the academic council and highlighted the suggestions recommended by academic council regarding curriculum framework under autonomous process.
3. The proposed PG regulation was presented by Dr.P.Kathirvel, Professor in Civil Engineering and discussions were held on review of curriculum and syllabi. Following suggestions given by Experts and Alumni member on PG Programme.
4. Dr.G.Chitra recommended that Repair and Rehabilitation course shall be modified as Forensic Engineering and should include more case studies in repairing techniques which is also a vital concept for Structural Engineering students.
5. Dr G. Janarthanan added that Research methodology and IPR should be given preference while selecting online courses.
6. Analytical software tools such as STAAD Pro., ANSYS and ABACUS are presently conducted as value added courses to the PG students. Experts opined that these should be mandatorily included in curriculum itself.

7. Er P Karthick emphasized that Pipeline designs, Oil and Gas storage structures should be included in Industrial structures as it is the need of many industries which shall add employability scope of Structural Engineers.
8. Practical training for PG students is specified in three semesters as per AU 2017 curriculum. The importance of these trainings was discussed and the members recommended that training during II Semester and III semester is sufficient as students are expected to be attached with industries for the research work during the fourth semester.
9. Mr.S.P.Muralikannan, UG Programme co ordinator presented curriculum frame work of Semester I & II and experts gave the following suggestions.
10. Model I and II curriculum for semester II were discussed. Members recommended Model II curriculum as it includes the Engineering Mechanics- Programme Specific course which is fundamental to understand the Civil Engineering subjects.
11. As credits are limited for the first year courses, Dr.S.Jayalekshmi suggested that credit points for language courses shall be considered as one credit courses as these courses are not connected with technical concepts directly.
12. The proposed R2020 UG regulation Semester III to VIII was presented and discussions were held on review of curriculum of B.E. Civil Engineering programme. Following suggestions were given by Expert members.
13. Dr. G.Chitra suggested that laboratory courses should be conducted in successive semesters when correlating with theory subjects for better understanding.
- 14.Er.L.Balaji advised One credit/two credit courses should be offered by industry experts. He elaborated about such courses and the effectiveness of the courses in some other institutions to shape the students to match with industrial requirements.
- 15.Dr.Jayalekshmi suggested that IPR related topics should be included in any of the elective subjects and Dr.G.Janarthan recommended that syllabus of Construction Materials should include new topics like green material, sustainable material, Nano materials, construction chemicals etc.
- 16.Experts emphasized that Construction Management course should be included in the curriculum as Professional Core and training on construction management software packages is vital for Civil Engineering students.

16.Dr.G.Janarthanan suggested that essential topics such as OSHA standards, EIA 2020 standards, Accounting and financing should be included in the syllabus with due consideration of their relevance to the courses.

17.Industrialist Er.L.Balaji added that new topic like Geo-Informatics shall be offered as EEC and extended that would afford employability for Civil Engineers for Prime minister's informed Digital mapping technology in India scheme.

18.Experts suggested that elective subjects should cover the important domains of Civil Engineering. Courses suggested for professional elective courses :

- Environmental impact assessment.
- Sustainability
- Human resource management
- Industrial Psychology

19.Courses suggested for Employability Enhancement courses :

- Smart City Planning and Development
- IoT Applications in Civil Engineering
- Sustainable Road Development

20. Mr P Karthick, Alumni suggested that Inhouse training for construction practices such as Bar bending Scheduling and Detailing should be focused.

21.Dr. G. Janarthanan emphasized that students should be encouraged to attend internship programs organized by AICTE.

With a formal thanks note the meeting was concluded.