

ERODE SENGUNTHAR ENGINEERING COLLEGE

(An Autonomous Institution)

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PERUNDURAI -638 057, TAMILNADU, INDIA.



DEPARTMENT OF CIVIL ENGINEERING

Ref: ESEC / CIVIL/ DAAC / AGENDA - 1- 2021 – 2022

15.06.2022

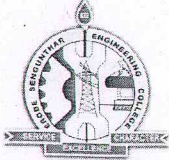
CIRCULAR

It is planned to conduct Department Academic Advisory Committee meeting on 17.06.2022 in Civil Cadd Lab. All the DAAC members are requested to attend the meeting and also provide your valuable suggestions.

Agenda:

1. Welcome Address and review of previous meeting.
2. Approval of New Vision, Mission, PEOs statements.
3. Review of 2017-21 Batch CO-PO and PSO attainment.
4. Attainment level of Program Outcomes.
3. Identifying the curricular gap between curriculum and industry.
4. Employability improvement of the students
5. Industry Institute interaction
6. Entrepreneurship development.
7. Value Added Courses.
8. Skill set development of students.
9. Any other relevant point with the permission of chair

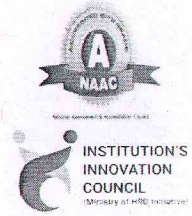
S.No.	Name of the members	Designation	Roles
1.	Dr.V.Venkatachalam	Principal	Member
2.	Dr.K.M.Gopalakrishnan	HoD /Civil	Convener
3.	Dr.S.Christian Johnson	Director /Academics	Member
4.	Mr J. Arunprasad	Assistant Professor	Co-convener
5.	Mr.T.Madhankumar	Manager Director, Shri Hari Constructions, Erode,	Industrial Expert-Member
6.	Er. K.P.Duraisamy	Managing Director, DR Constructions, Erode	Industrial - Member
7.	Dr.P.Balamurugan	Associate Professor	Member



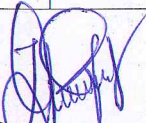
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8.	Dr.A.Gopalan	Professor	Member
9.	Dr.S.Arulmozhi	Associate Professor	Member
10.	Mr M.Balaji	Assistant Professor	Member
11.	Mr R.Krishnasamy	Assistant Professor	Member
12.	Mr.M.Dhivakar Karthik	Assistant Professor	Member
13.	Mrs.Fathima Darras Gracy	Assistant Professor	Member
14.	Mr.R.K.M.Harish Kumar	Assistant Professor	Member
15.	Er.V.Boobesh	Bharani Associates, Erode	Alumni (2017)- Member
16.	Dr.R.Dharmaraj	Associate Professor/Civil, KPR Institute of Engineering and Technology	Alumni (2006)- Member
17.	Mr.Venkat Umesh	Asst. Engineering Manager (Civil). L&T Construction Water & Effluent Treatment IC, Water International BU - EDRC. Mount Poonamalle Road, Manapakkam, Chennai	Alumni (2007) Member
18.	Mr.M.Dharaneedharan	Shri Hari Constructions, Erode	Alumni (2011) Member


Co-convener


Convener

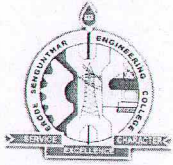

Principal

To

The Members

Copy to:

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DEPARTMENT OF CIVIL ENGINEERING

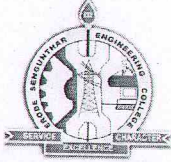
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17.06.2022

DEPARTMENT ACADEMIC ADVISORY COMMITTEE (DAAC)

ATTENDANCE SHEET

S.No.	Name of the members	Designation	Roles	Signature
1.	Dr.V.Venkatachalam	Principal	Member	
2.	Dr.K.M.Gopalakrishnan	HoD /Civil	Convener	
3.	Dr.S.Christian Johnson	Director /Academics	Member	
4.	Mr J. Arunprasad	Assistant Professor	Co-convener	
5.	Mr.T.Madhankumar	Manager Director, Shri Hari Constructions, Erode,	Industrial Expert- Member	
6.	Er. K.P.Duraisamy	Managing Director, DR Constructions, Erode	Industrial - Member	
7.	Dr.P.Balamurugan	Associate Professor	Member	
8.	Dr.A.Gopalan	Professor	Member	
9.	Dr.S.Arulmozhi	Associate Professor	Member	
10.	Mr M.Balaji	Assistant Professor	Member	
11.	Mr R.Krishnasamy	Assistant Professor	Member	
12.	Mr.M.Dhivakar Karthik	Assistant Professor	Member	
13.	Mrs.Fathima Darras Gracy	Assistant Professor	Member	
14.	Mr.R.K.M.Harish Kumar	Assistant Professor	Member	
15.	Er. V.Boobesh	Bharani Associates, Erode	Alumni (2017)- Member	
16.	Dr.R.Dharmaraj	Associate Professor/Civil, KPR Institute of Engineering and Technology	Alumni (2006)- Member	
17.	Mr.Venkat Umesh	Asst. Engineering Manager (Civil).	Alumni (2007) Member	



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		L&T Construction Water & Effluent Treatment IC, Water International BU - EDRC. Mount Poonamalle Road, Manapakkam, Chennai		
18.	Mr.M.Dharaneedharan	Shri Hari Constructions, Erode	Alumni (2011) Member	<i>Dhanyaj</i>

Co-convener

Convener

To

The Members

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17.06.2022

DEPARTMENT ACADEMIC ADVISORY COMMITTEE (DAAC)

MINUTES OF MEETING

The following points were discussed during the meeting and the minutes were recorded as below,

1. **Welcome address and Review of previous meeting.**

Dr.K.M. Gopalakrishnan Convenor of Department Academic Advisory Committee welcomed all the members of the DAAC and reviewed the previous meeting.

2. **Approval of New Vision and Mission and PEO statement**

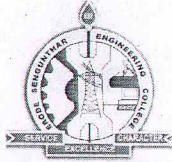
Based on the suggestions and recommendations collected from the internal and external stake holders new Vision, Mission and PEOs of the department were reframed. The newly framed Vision, Mission and PEO statements were submitted to the members for the valuable suggestions and approval. The members reviewed the Vision, Mission and PEO statements and finalised as below.

Vision

To emerge as a leading department for Education, Training and Research in Civil Engineering for realizing socio-economic progress of the country in a sustainable manner.

Mission

- **DM 1 (Advancement in Civil Engineering):** To educate students on design, construction, maintenance and advancements in Civil Engineering for providing solutions to the betterment of the society.
- **DM 2 (Best Practices):** To enrich and enhance the knowledge on best practices in various areas of Civil and allied engineering through collaborations with global institutions of excellence, industries and research organizations.
- **DM 3 (Industrial and societal relevance):** To offer world class undergraduate, postgraduate and research programs of industrial and societal relevance in Civil Engineering.
- **DM 4 (Global challenges with ethical standards):** To produce high professional Civil Engineers to address global challenges with ethical standards.



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Programme Educational Objectives:

- 1. Societal Development:** Graduates will contribute in the Civil Engineering field for the development of nation and society.
- 2. Knowledge and Skills:** Graduates will have sufficient knowledge to perform as Professional Engineers in the field of Civil Engineering.
- 3. Higher Education:** Graduates will have the ability to pursue higher studies in institutions of international repute and will undertake research for offer solution to the industrial relevance.
- 4. Professional Ethics:** Graduates will have the attitude to engage in continuous professional development with ethical standards and to remain current in their field work.

Program specific outcomes

PSO1 Technical & Contract Know how: Graduates will be able to use modern techniques and conduct investigation in the field of surveying and geotechnical related works.

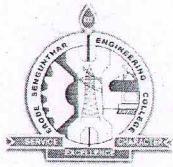
PSO2: Software knowledge: Graduates will be able to apply software knowledge to design and implement projects in the construction and infrastructure industries.

PSO3: Managerial skills: Graduates will be able to apply technical knowledge to plan and prepare reports and execute projects with quality human approach.

- 3. Review of 2016-20 Batch CO-PO and PSO attainment:** CO-PO/PSO attainment of 2016-20 batch was discussed in detail .The experts suggested that whichever the PO and PSO having less than 80% attainment needs further improvements for the forthcoming batches.
- 4. Attainment level of Program Outcomes:** The attainment level of Program outcomes for the passed out batch 2016-20 are informed to the faculty members.

Level	Score	Range	Category
Level-3	3	70% & above	Strong
Level-2	2	59% to 69 %	Average
Level-1	1	<59%	Weak

Direct Target = 80% of courses average for each Program Outcomes and Program Specific Outcomes.



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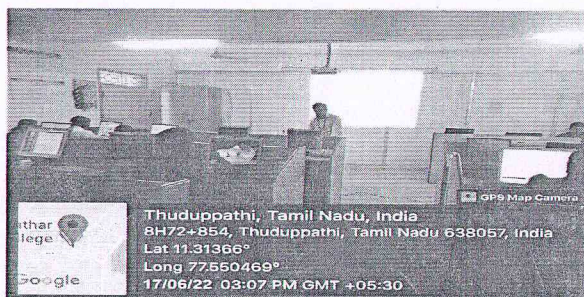
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Indirect Target = 20% of maximum Level (3) each Program Outcomes and Program Specific Outcomes.

5. **Identifying the curricular gap between curriculum and industry:** Dr.S.Christian Johnson, Director /Academics suggested members to identify curricular gap and analyze the students' performance by comparing previous year Batch outcomes and attainment levels.
6. **Employability improvement of the students:** Mr.Venkat Umesh recommends the faculty members to update the technical areas such that the students should be educated with latest technological aspects to become more employable.
7. **Industry Institute interaction:** Mr.M.Dharaneedharan suggested signing MoU with industries to have industry collaboration and create more internships and job opportunities with industries.
8. **Entrepreneurship development:** Mr.M.Dharaneedharan motivated the students to be an entrepreneur and discussed the practical views in which students face in the field.
9. **Value Added Courses :** Dr.R.Murugesan insisted that all faculty should be updated with new technology in Industries and softwares .It will be easy to feed the updated technology for our students.
10. Dr.K.M.Gopalakrishnan, HoD, finally thanked each alumni and members of DAAC for arranging the meeting to improve the quality of department.



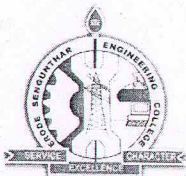

Co-convener


Convener


Principal

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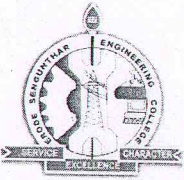
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Defining the Vision, Mission of the Department and PEOs of the program

Statement of Vision/Mission defined by Core Committee	Recommendations	
	Internal Members	External stake holders
<p><u>Vision</u></p> <p>To emerge as a leading department for Education, Training and Research in Civil Engineering for realizing socio-economic progress of the country in a sustainable manner.</p>	<p>Internal Members approved the vision of the department</p>	<p>External Stake holders approved the vision of the department</p>
<p><u>Mission</u></p> <p>1. Advancement in Civil Engineering: To educate students on design, construction, maintenance and advancements in Civil Engineering for providing solutions to the betterment of the society.</p> <p>2. Best Practices: To enrich and enhance the knowledge on best practices in various areas of Civil and allied engineering through collaborations with global institutions of excellence, industries and research organizations.</p> <p>3. Industrial and societal relevance: To offer world class undergraduate, postgraduate and research programs of industrial and societal relevance in Civil Engineering.</p> <p>4. Global challenges with ethical standards): To produce high professional Civil Engineers to address global challenges with ethical standards.</p>	<p>The department's mission has received approval from internal members.</p>	<p>The department's mission has received approval from external stake holders.</p>



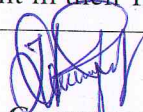
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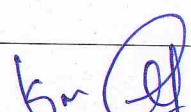
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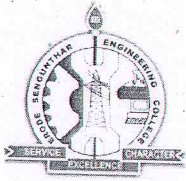
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<u>Programme Educational Objectives:</u>		
<p>1. Societal Development: Graduates will contribute in the Civil Engineering field for the development of nation and society.</p> <p>2. Knowledge and Skills: Graduates will have sufficient knowledge to perform as Professional Engineers in the field of Civil Engineering.</p> <p>3. Higher Education: Graduates will have the ability to pursue higher studies in institutions of international repute and will undertake research for offer solution to the industrial relevance.</p> <p>4. Professional Ethics: Graduates will have the attitude to engage in continuous professional development with ethical standards and to remain current in their field work.</p>	Internal members endorsed Programme Educational objectives.	External stake holders endorsed Programme Educational objectives.


Co-convener


Convener



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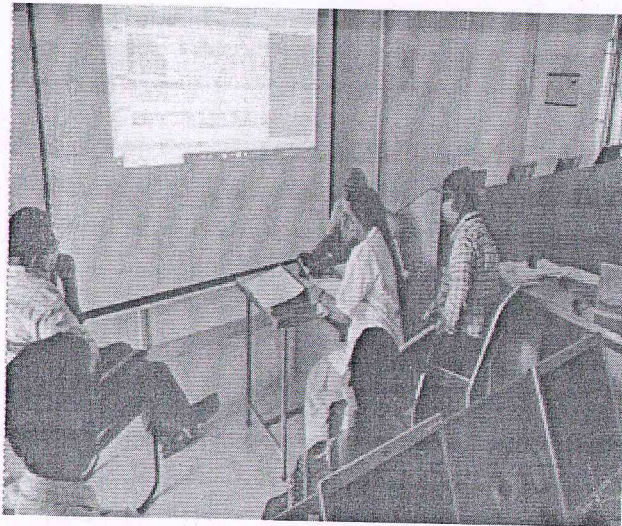
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Process of identify & bridge the curricular gaps and Correlation mapping of CO-PO Mapping and

Continuous Review and Outcome Measurements:

1. Faculty members were asked to frame the syllabus and write Course outcomes, CO-PO mapping
2. Faculty members were asked to take part in Brain storming session to understand how the course outcome statements and finalize the same.
3. The CO-PO mapping and how the POs (graduate attributes) of the subjects and other activities for PEOs are discussed.
4. Views of External stake holders are taken into account and they are finalized.



Brain storming session by faculty members


Co-convener


Convener