




**NEWS LETTER OF DEPARTMENT OF
CIVIL ENGINEERING**

VOLUME – III (2015 -16)

**PUBLISHED BY
DEPARTMENT OF CIVIL ENGINEERING
SSM INSTITUTE OF ENGINEERING AND
TECHNOLOGY-DINDIGUL**



Vision&Mission

Vision

To provide world class technical education to all students aspiring for Civil Engineering profession and producing competent, disciplined quality engineers to solve challenges with societal focus.

Mission

To produce Civil Engineers of outstanding technical skills and highest ethical values to serve the community, by imparting advanced research, interaction with industry for global needs promoting innovative and original thinking.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

"In the present context, higher learning institutions offering engineering programme in India have evolved into adopting an outcome based education. The performance of any programme is evaluated based on the outcome of the graduates rather than outputs. The Programme Educational Objectives (PEOs) formulated for the civil engineering programme are listed below; "

"Graduates of Civil Engineering Programme after a few years of Graduation will acquire their ability to:"

- 1. Fundamental Knowledge:** Graduates will be able to analyze, design and propose a feasible solution to civil engineering problems by applying basic principles of mathematics, science and engineering.
- 2. Specialization and Design Skills:** Graduates will be inculcated with necessary professional skills, effective oral and written communication to be productive engineers.
- 3. Professional Skills:** Graduates will be able to work as a team in intra and interdisciplinary endeavors for development of new ideas and products to serve in contemporary societal contexts.
- 4. Lifelong Learning:** Graduates of the programme will be prepared to continue their professional development based on their awareness of professional society activities, and opportunities for further education.

PROGRAMME OUTCOMES (POS) - B.E Civil Engineering

Engineering Expertise: Graduates will demonstrate knowledge of mathematics, science and engineering

Perspicuous Comprehension: Graduates will demonstrate their ability to identify, formulate and solve complex Civil Engineering problems.

Create / Design/ Development of solutions: An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.

Inquisition on complex problems: Use research-based knowledge and research methods including design of experiments, analysis and understanding of data, and combination of the information to provide valid conclusions

Digital tools Utilization: Graduates will apply skills to use current software packages and present technically advanced equipments in each sector to analyze problems.

Engineer and Civilization: Apply reasoning, informed by the contextual knowledge, to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Civil engineering practice.

Entourage and Viable: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Competent Morality: Graduates will demonstrate knowledge of professional and ethical responsibilities

Articulation Intelligence: Graduates will communicate effectively in both verbal and written form

Life Span Acquirements: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Programme Specific Outcomes (PSO) for B.E Civil Engineering

Graduating Students of B.E. Civil Engineering programme will be able to:

PSO 1: Investigate, analyze and plan substructures and superstructures in a construction project and also be able to prepare laboratory test reports and estimate of quantities.

PSO 2: Assess water quality, effectively manage solid waste, apply advanced surveying techniques and manage utilization of resources in civil engineering infrastructure projects.

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Student Activities: 2015 - 2016

Training programs

S. No.	Name	Year	Branch	Program details	Venue	Date/Duration
1	Pavithra . M	IV	Civil	Inplant training	Dindigul	2.06.2015 to 13.06.2015
2	Parvadhavarthini	IV	Civil	Inplant training	Dindigul	2.06.2015 to 13.06.2015
3	Sandhya .Y	IV	Civil	Inplant training	Dindigul	2.06.2015 to 13.06.2015
4	Prakash .S	IV	Civil	Inplant training	Dindigul	2.06.2015 to 13.06.2015
5	Dinesh . A	IV	Civil	Inplant training	Dindigul	2.06.2015 to 13.06.2015
6	Krishna babu . G	IV	Civil	Inplant training	Dindigul	8.06.2015 to 12.06.2015
7	Saravanakumar . G	IV	Civil	Inplant training	Chennai	15.06.2015 to 19.06.2015
8	Lakshmi priya . L	IV	Civil	Inplant training	Madurai	09.07.2015 to 11.07.2015
9	Yaminiaruna . B	IV	Civil	Inplant training	Madurai	09.07.2015 to 11.07.2015
10	Vignesh . S	IV	Civil	Inplant training	Guwahati	June-july 2015
11	Meenakshi.G	II	Civil	Regional Level Training of Trainers	Bharat Scouts and Guides. Karnataka	19-20 September 2015

Seminars / workshops / conference / paper presentation attended by students

S. No	Name	Year	Branch	Topic	Venue	Date	Prizes Won/ Participation
1	Anandbabu .K	IV	Civil	Revit	Cad center	31.07.2015	Participated

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				software	Madurai		
2	Krishna babu .G	IV	Civil	Revit software	Cad center Madurai	31.07.2015	Participated
3	Raj prabu .R.K	IV	Civil	Revit software	Cad center Madurai	31.07.2015	Participated
4	Mohammed sabhiullah.A.R	III	Civil	Connections	Vaigai College of Engineering ,Madurai	26.08. 2015	Participated
5	Mohammed sabhiullah.A.R	III	Civil	MILIEU – QUIZ	Vaigai College of Engineering ,Madurai	26.08. 2015	Participated
6	Logesh .T	III	Civil	Paper presentation	Vaigai College of Engineering ,Madurai	26.08. 2015	Participated
7	Joseph vianny .X	III	Civil	Poster presentation	Vaigai College of Engineering ,Madurai	26.08. 2015	Participated
8	Ajithkumar . M	III	Civil	Poster presentation	Vaigai College of Engineering ,Madurai	26.08. 2015	Participated
9	Gowthamraj.M	III	Civil	Paper presentation	Vaigai College of Engineering ,Madurai	26.08. 2015	Participated
10	Lakshmi narayanan.T	III	Civil	Poster presentation	Vaigai College of Engineering ,Madurai	26.08. 2015	Participated
11	Gowthamraj.M	III	Civil	Poster presentation	Vaigai College of Engineering ,Madurai	26.08. 2015	Participated
12	Lakshmi narayanan.T	III	Civil	Quiz	Vaigai College of Engineering ,Madurai	26.08. 2015	Participated
13	Vijay balaji . M	III	Civil	Treasure Hunt	CheranCollege of Engineering , Karur	28.08. 2015	Participated
14	Vijay balaji.M	III	Civil	Poster Presentation	CheranCollege of Engineering ,karur	28.08. 2015	Participated
15	Vijay balaji.M	III	Civil	Brick – o - Mania	Cheran College of Engineering ,karur	28.08. 2015	Participated
16	Lakshmi narayanan . T	III	Civil	Poster Presentation	Cheran College of Engineering ,karur	28.08. 2015	Participated
17	Lakshmi narayanan . T	III	Civil	Solo Singing	Cheran College of Engineering ,karur	28.08. 2015	Participated
18	Lakshmi narayanan . T	III	Civil	Treasure hunt	Cheran College of Engineering ,karur	28.08. 2015	Participated
19	Vasanthamarimu thu .E	III	Civil	Paper presentation	Cheran College of Engineering ,karur	28.08. 2015	Participated
20	Vasanthamarimu thu .E	III	Civil	Treasure hunt	Cheran College of Engineering ,karur	28.08. 2015	Participated
21	Vasanthamarimu thu .E	III	Civil	Brick – o – Mania	Cheran College of Engineering ,karur	28.08. 2015	Participated
22	Gowthamraj.M	III	Civil	Paper presentation	Cheran College of Engineering ,karur	28.08. 2015	Participated

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23	Gowthamraj.M	III	Civil	Treasure hunt	Cheran College of Engineering ,karur	28.08. 2015	Participated
24	Dharanya .B	IV	Civil	Paper presentation	Cheran College of Engineering ,karur	28.08. 2015	Participated
25	Lavanya .A	IV	Civil	Paper presentation	Cheran College of Engineering ,karur	28.08. 2015	Participated
26	Siva ramasudhakar .S	IV	Civil	Paper presentation	Velammal College of Engineering ,Madurai	29.082015	Participated
27	Siddarth . K.B	II	Civil	Paper presentation	Velammal College of Engineering ,Madurai	29.082015	Participated
28	Dhivagaran.S	IV	Civil	Cad contest	Velammal College of Engineering ,Madurai	29.082015	Participated
29	Dhivagaran.S	IV	Civil	Cube Casting	Velammal College of Engineering ,Madurai	29.082015	Participated
30	Syed imran .A	IV	Civil	Cube Casting	Velammal College of Engineering ,Madurai	29.082015	Participated
31	Raj prabu .R.K	IV	Civil	Cube Casting	Velammal College of Engineering ,Madurai	29.082015	Participated
32	Raj prabu .R.K	IV	Civil	Cad Contest	Velammal College of Engineering ,Madurai	29.082015	Participated
33	Siva .R	III	Civil	Work shop (forensic engineering of structures)	Coimbatore institute of technology, Coimbatore	01.09. 2015	Participated
34	Vignesh .M.S.R	III	Civil	Work shop (forensic engineering of structures)	Coimbatore institute of technology, Coimbatore	01.09. 2015	Participated
35	Parkavi.S	III	Civil	Work shop (forensic engineering of structures)	Coimbatore institute of technology, Coimbatore	01.09. 2015	Participated
36	Pavithra . V	III	Civil	Work shop (forensic engineering of structures)	Coimbatore institute of technology, Coimbatore	01.09. 2015	Participated
37	Ragavinalina.P	III	Civil	Work shop (forensic engineering of structures)	Coimbatore institute of technology, Coimbatore	01.09. 2015	Participated
38	Priyanka.G	III	Civil	Work shop (forensic engineering of structures)	Coimbatore institute of technology, Coimbatore	01.09. 2015	Participated
39	Sharmila.S	III	Civil	Work shop (forensic	Coimbatore institute of technology,	01.09. 2015	Participated

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				engineering of structures)	Coimbatore		
40	Rajeswari.K	III	Civil	Work shop (forensic engineering of structures)	Coimbatore institute of technology, Coimbatore	01.09. 2015	Participated
41	Karthik .B	II	Civil	Cube craze	Coimbatore institute of technology, Coimbatore	11&12.09 2015	Participated
42	Mahathir Mohamed.K	II	Civil	Cube craze	Coimbatore institute of technology, Coimbatore	11&12.09 2015	Participated
43	Mohamed Naveeth.A	II	Civil	Cube craze	Coimbatore institute of technology, Coimbatore	11&12.09 2015	Participated
44	Dharanyaa.B	IV	Civil	Youth talk	Sethu institute of Technology, Virudhunagar	7.09. 2015	Participated
45	Mohamed maideen .N	II	Civil	Paper presentation	Fatima Michael college of Engineering & Technology	29.09. 2015	Participated
46	Raj prabu.R.K	IV	Civil	Workshop	Vellore institute of Technology, vellore.	18&19.09. 2015	Participated
47	AishwaryaRaj.R	IV	Civil	Workshop	Vellore institute of Technology, vellore.	18&19.09. 2015	Participated
48	Katherinsofia.N	II	Civil	Paper presentation	VV College of Engineering, Tisaiyanvilai.	28.09.2015	Participated
49	Keerthana.M	II	Civil	Paper presentation	VV College of Engineering, Tisaiyanvilai.	28.09.2015	Participated
50	Revathi .T	II	Civil	Work shops	M.Kumarasamy College of Engineering, Karur	29.09.2015	Participated
51	Poovarasi .M	II	Civil	Work shops	M.Kumarasamy College of Engineering, Karur	29.09.2015	Participated
52	MOHAMED MAIDEEN.N	II	Civil	SYMPOSIUM	ANNA UNIVERSITY BIT CAMPUS-TRICHY	19-02-16 & 20-02-16	Participated
53	NOWSATH ALI	II	Civil	SYMPOSIUM	ANNA UNIVERSITY BIT CAMPUS-TRICHY	19-02-16 & 20-02-16	Participated
54	GOWTHAM RAJ.M	III	Civil	INTERNATIONAL CONFERENCE	CHRISTIAN COLLEGE OF ENGG AND TECH, ODDANCHATRAM	17-03-16 TO 19-03-16	Participated
55	MUTHU PANDI.P	IV	Civil	NATIONAL CONFERENCE	SRI SUBRAMANYA COLLEGE OF ENGG &	19-03-16	Participated

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				E	TECH,PALANI		
56	NARANDRAN.P	IV	Civil	NATIONAL CONFERENCE	SRI SUBRAMANYA COLLEGE OF ENGG & TECH,PALANI	19-03-16	Participated
57	SIVA PERUMAL.S	IV	Civil	NATIONAL CONFERENCE	SRI SUBRAMANYA ENGG.COLLEGE,PALANI	19-03-16	Participated
58	S.AZMAL KHAN	IV	Civil	NATIONAL CONFERENCE	SRI SUBRAMANYA COLLEGE OF ENGG & TECH,PALANI	19-03-16	Participated
59	T.KARTHICKEY AN	IV	Civil	NATIONAL CONFERENCE	SRI SUBRAMANYA COLLEGE OF ENGG & TECH,PALANI	19-03-16	Participated
60	P.MANIKANDAN	IV	Civil	NATIONAL CONFERENCE	SRI SUBRAMANYA COLLEGE OF ENGG & TECH,PALANI	19-03-16	Participated
61	P.KIRAN KOWSIC	IV	Civil	NATIONAL CONFERENCE	SRI SUBRAMANYA COLLEGE OF ENGG & TECH,PALANI	19-03-16	Participated
62	M.K.MADHAN6 RAJ	IV	Civil	NATIONAL CONFERENCE	SRI SUBRAMANYA COLLEGE OF ENGG & TECH,PALANI	19-03-16	Participated
63	M.NAVEEN KUMAR	IV	Civil	NATIONAL CONFERENCE	SRI SUBRAMANYA COLLEGE OF ENGG & TECH,PALANI	19-03-16	Participated
64	M.NAVEEN KUMAR	IV	Civil	CEAFEST' 16	IIT MADRAS,ARK TECH,SSM INST OF ENGG & TECH	04-03-16 & 05-03-16	Participated
65	M.POOJA BAMI	II	Civil	NATIONAL SEMINAR	ANNA UNIVERSITY UCE-DINDIGUL	21-03-16	Participated
66	J.NANDHINI GAYATHRI	II	Civil	NATIONAL SEMINAR	ANNA UNIVERSITY UCE-DINDIGUL	21-03-16	Participated
67	T.REVATHI	II	Civil	NATIONAL SEMINAR	ANNA UNIVERSITY UCE-DINDIGUL	21-03-16	Participated
68	N.MARIAMMAL	II	Civil	NATIONAL SEMINAR	ANNA UNIVERSITY UCE-DINDIGUL	21-03-16	Participated
69	R.MOHANAPRIYA	II	Civil	NATIONAL SEMINAR	ANNA UNIVERSITY UCE-DINDIGUL	21-03-16	Participated
70	S.MAHESWARI	II	Civil	NATIONAL SEMINAR	ANNA UNIVERSITY UCE-DINDIGUL	21-03-16	Participated
71	T.PAVITHRAN	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
72	S.PRAKASH	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
73	J.LEON RAJA	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM	28-03-16	Participated

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					TRUST @ GANDHIGRAM		
74	M.POOBATHY	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
75	V.RAM PRASANTH	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
76	P.MUTHUPANDI	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
77	S.RATHURSHA N	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
78	R.SUNDAR DANIEL	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
79	B.C.ARUN	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
80	R.PANDI MURUGAN	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
81	A.DINESH	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
82	R.SATHYANAR AYANAN	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
83	A.BALAJI	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
84	A.TAMILVANA N	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
85	M.K.MADHAN RAJ	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated

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86	P.KIRAN KOWSIC	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
87	P.MANIKANDA N	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
88	P.MUTHU PANDI	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
89	S.SIVA PERUMAL	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
90	S.VIGNESH	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
91	P.NARANDRAN	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
92	T.KARTHICKEY AN	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
93	M.NAVEEN KUMAR	IV	Civil	WORKSHOP	RUTAG,IIT MADRAS & GANDHIGRAM TRUST @ GANDHIGRAM	28-03-16	Participated
94	K.KAMATCHI RAJA	III	Civil	NPTEL Online Certification	Project Planning & Control (Score 67%)	April 2016	Participated

Seminar/conference/workshop

S. No	Name	Designation	Description	Venue	Duration
1	G.Selvabharathi	Asst.Prof	Energy and Environmental Research	NIT,Trichy	16.02.2016
2	S.Lingeswari	Asst.Prof	Foundation analysis and design	NIT,Trichy	25.02.16 – 28.02.16

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EVENTS ARRANGED OFF-CAMPUS:

Industrial visit:

III YEAR:

Our Third year Civil Engineering students have visited Various construction places in kerala from 23.7.2015 to 25.7.2015. The main objective behind this visit is to make the student gain knowledge about the construction methods.



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GUEST LECTURE BY RAMCO CEMENTS



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