



**NEWS LETTER OF DEPARTMENT OF
CIVIL ENGINEERING**

VOLUME - V (2017-18)

**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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June - July 2017 Department Student Activities
Training Programme

S. No	Name	Year	Branch	Program Details	Venue	Date/Duration					
1	SharmilaDevi.M	IV	CIVIL	In-plant Training	PWD, Madurai	2/6/2017 to 13/6/2017					
2	UshaPriya.K										
3	Vijaisri.D										
4	ArunPandy.G	IV - A		CIVIL	Entrepreneurship Awareness Camp, DST Funded event	SSMIET, Dindigul	19/07/2017 to 21/07/2017				
5	Bharathi Kumar.M										
6	Girithararajan.R										
7	Jeevanantham.D										
8	KatherinSofia.N										
9	Keerthana.M(18/10/96)										
10	Selvaganapathy.C	IV - C						CIVIL	Entrepreneurship Awareness Camp, DST Funded event	SSMIET, Dindigul	19/07/2017 to 21/07/2017
11	Shankar.A										
12	Siddarth.K.B										
13	Siva Rama Sudhakar.S										
14	Siva Shankar.S.R.V										
15	Subash.C										
16	Sudhakar.P										
17	Sugadev.S.Y										
18	Tamil Selvan.M										
19	Selvakumar.S										
20	Vijay.K.B										

Seminars/Workshops/Conference/Paper Presentation attended by students

S. No	Name	Year	Branch	Program Details	Venue	Date/Duration
- Nil -						

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Sports Activities

S. No	Name	Year	Branch	Program Details	Venue	Date/Duration				
1	A.Praveen Kumar	III - B	Civil	58 th Tamilnadu senior carom championship	Dindigul	26/06/2017 to 1/7/2017				
2	D.Jeevanatham	IV - A		Civil	U-23 Dindigul District Team cricket	Dindigul	15-07-2017			
3	G.Martuthamuthu	IV - B								
4	K.Lakshmiganth	III - B								
5	P.Palanichamy	III - B								
6	T.Ravi chandran	III-C								
7	A.Sankaramoorthi	III-C								
8	L.Santhosh Kumar	III-C								
9	D.Jeevanatham	IV - A						Zonal Sports	SSMIET, Dindigul	17-07-2017
10	G.Martuthamuthu	IV - B								

INDUSTRIAL VISIT

S. No	Company/Institution	Year	Branch	Venue	Date/Duration
1	Vellakkali, Solid waste Dumping yard, Madurai	IV year Students	CIVIL	Madurai	21.07.2017
2	Onion Storage house – Steel tress work erection	IV year Students	CIVIL	Dindigul	29.07.2017

DEPARTMENT ACTIVITIES

S. No	Name of the Event	Organized by	Date & Duration
1	Yoga Make Life Excellent	Mr. J. MURALIDHARAN, AP/CIVIL, SSMIET, Dindigul	24.06.2017
2	E-TABS Software Demo	Mr. ANTONY JEYANDRAN, Conceptual Designers, Coimbatore	15.07.2017

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3	Dr. A.P.J. Abdul Kalam 2 nd Memorial Day Function	Mrs. S. LINGESWARI, AP/CIVIL, SSMIET, Dindigul	27.07.2017
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August – 2017

Department Student Activities

Training Programme

S. No	Name	Year	Branch	Program Details	Venue	Date/Duration
1	Arunkumar. B	III	CIVIL	Hindi coaching class	SSMIET, Dgl	22/08/2017 onwards
2	Amrithi.V					
3	AbisChandralaka. R					
4	BalaKeerthiga. B					
5	Bhavani Sri. P					
6	Chandrakumar. M					
7	Deepalakshmi. G					
8	DharshiniShree.T.P					
9	Dinesh. M					
10	Gayathri.K					
11	Gowsalya. A					
12	Harikrishnan. M					
13	Janani. N					
14	KaliyaPerumal.S					

Seminars/Workshops/Conference/Paper Presentation attended by students

S. No	Name	Year	Branch	Program Details	Venue	Date/Duration
1	Maheswari.S	IV	CIVIL	National seminar	Sethu Institute of Technology, Virudhunagar	22/08/2017 & 23/08/2017
2	Mariammal.N					
3	Mohan Raj Gokul.S					
4	Mothilal.A					
5	PandiSelvam.R					
6	Pandiyarajan.S					
7	Rakshana.P					
8	Megala Devi. J	III		National workshop	SNS CET, Coimbatore	23-08-2017
9	Rajashree. K					
10	Selvasurekha. J					
11	Shobana. S					
12	Sindhu. S. V					
13	Salma. K					
14	RefayathulRahuman. H					

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15	Tharanya. K					
16	Kavi Raja Pandiyan. N					
17	Kuna Sundar. C					
18	Naveen.P.V					
19	Siddarth.K.B	IV		Paper Presentation	SenguntharEngg. College, Erode	30/08/2017 & 31/08/2017
20	Siva Rama Sudhakar.S					
21	Mohamed maideen.N	IV		Paper Presentation	MAM CET, Trichy	31-08-2017

Sports Activities						
S. No	Name	Year	Branch	Program Details	Venue	Date/Duration
1	Dhineshwaran. M	II	Civil	Ball Badminton	Anna University, Dindigul	17/08/2017 & 18/08/2017
2	Parthiban. S	II				
3	Jeevanantham.D	IV				
4	Amrithi.V	III		Ball Badminton	SBM CET, Dindigul	22-08-2017
5	Megala Devi. J					
6	Selvasurekha. J					

INDUSTRIAL VISIT

S. No	Company/Institution	Year	Branch	Venue	Date/Duration
1	Selvi Chambers	II – A & B	Civil	Dindigul	05/8/2017
2	Wonderla – WTP, Cochin & MA Constructions, Ernakulum	II – A & B	Civil	Cochin &Munnar	10/8/2017 to 13/8/2017
3	Wonderla – WTP, Cochin	III – A	Civil	Cochin	10/8/2017 to 12/8/2017
4	Wonderla – WTP, Bangalore & Tile Print, Bangalore	III – B	Civil	Bangalore, Coorg& Mysore	10/8/2017 to 14/8/2017
5	Wonderla – WTP, Cochin & MA Constructions, Ernakulum	III – C	Civil	Cochin &Munnar	10/8/2017 to 14/8/2017
6	Hill track construction	IV – A	Civil	Wayanad& Kozhikode	10/8/2017 to 13/8/2017
7	Wonderla – WTP, Bangalore & Land Mark Construction Bangalore	IV – B	Civil	Bangalore, Coorg& Mysore	10/8/2017 to 14/8/2017
8	Wonderla – Wtp, Cochin & Varkey Construction, Ernakulum	IV – C	Civil	Cochin &Munnar	10/8/2017 to 14/8/2017

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DEPARTMENT ACTIVITIES

S. No	Name of the Event	Organized/Applied by	Date & Duration
1	INNOVATIVE TRENDS AND TECHNOLOGY IN DESIGNING	Mr. KARTHIK, CADD Centre, Dindigul	5/8/2017
2	Project Proposal to SWATCH BHARAT	MRS. G. SELVABHARATHI & DR. S. ROBERT RAVI	23/8/2017
3	Student Project Proposal to TNSCET	Mr. M. P. KARTHIK & Four Final year Students	29/8/2017
4	Student Project Proposal to TNSCET	Mrs. G. SELVABHARATHI & Four Final year Students	30/8/2017

September – 2017

DEPARTMENT ACTIVITIES

S. No	Name of the Event	Organized by	Date & Duration
1	Department Symposium "Squadra"	Mr. V. Praveen Jesuraj., AP/Civil	13.09.2017

Student Activities

Training Programme						
S. No	Name	Year	Branch	Program Details	Venue	Date / Duration
1	Keerthana. P. M	III	Civil	Humane league	SSMIET, Dindigul	15/9/2017
2	Maanusha Sundaravadhana.J.R					
3	Nandhini. A					
4	Megala Devi. J					

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Seminars/Workshops/Conference/Paper Presentation attended by students

S. No	Name	Year	Branch	Program Details	Venue	Date/ Duration
1	Akilan. R	II	Civil	Paper Presentation	SSMIET, Dindigul	09-01-2017
2	Rajesh Pandian. S	II		Paper Presentation	Sastra University, Thanjavur	09-09-2017
3	Rathakrishnan.V.G					
4	Sankara Lingam.G					
5	Sathish Kumar. B					
6	Surendar. S					
7	Bhavani.P	IV		One day National level seminar	Kongunadu CET, Trichy	11-09-2017
8	Geethanjali.K					
9	Arun Pandya.G	IV		Engineers day - Contiverisssm 2K17	SSMIET, Dindigul	15-09-2017
10	Kamatchi Raja.K					
11	Nowsath Ali.A.N					
12	Mohamed maideen.N					
13	Nandhini.N					
14	Rakshana.P					
15	Pooja Bami.M					
16	Vigneshwaran.S					
17	Siddarth.K.B					
18	Usha Priya.K					
19	Yugesh Kanna.N					
20	Sudhakar.P					
21	Selvakumar.S					
22	Sethupathi.C					
23	Shankar.A					
24	Siva Rama Sudhakar.S					
25	Tamil Selvan.M					
26	Sharmila Devi.M					
27	Dravid Anto Viagul.B	III				
28	Deepalakshmi. G					
29	Anbu Durai. M					
30	Dinesh. M					
31	Aswitha.R					
32	Dharshini Shree.T.P					
33	Kaliya Perumal.S					
34	Bhavani Sri. P					
35	Sathish Kumar. B					
36	Shobana. S	II				
37	Mahalakshmi. M					
38	Akilan. R					
39	Pavithra. R					
40	Sangeetha. M.S					

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41	Santhosh S					
42	Murugavel.R	IV		Speech competition	Dindigul Collector office	15-09-2017
43	Pavithra. R	II		Paper Presentation	EEE- Symposium,SSMIET, DGL	20-09-2017
44	Sangeetha. M.S					
45	Akilan. R					
46	Ananth Kumar. S					
47	Mani Kandan.B	III		Paper Presentation		
48	Mohan Kumar. V					
49	Naveen.P.V	III		Paper presentation	Sri Shanmugha CET, Salem	22-09-2017
50	Vignesh. S					
51	Sangeerani Kamu.M	IV			Dr.N.G.P CET	
52	Thamarai Selvi.N					
53	Siddarth.K.B	IV		Symposium APEX 2K17	KLN CET, Madurai	28-09-2017
54	Aathi Kesavan. G	IV				
55	Ajith.M					
56	Arunkumar.S					
57	Mahathir Mohamed.K					
58	Mohamed maideen.N					
59	Nowsath Ali.A.N					
60	Mathivanan.J					
61	Subash.C					
62	Usha Priya.K					
63	Vijaisri.D					
64	Yugesh Kanna.N					

Sports Activities

S. No	Name	Year	Branch	Program Details	Venue	Date / Duration
1	Jeevanantham.D	IV	Civil	Zonal level Cricket	NPR CET, Natham	09-06-2017
2	Maruthamuthu.G					
3	Lakshmiganth. K	III				
4	Palanichamy. P					
5	Ragavendran. M					
6	Sankara Murthy.A					
7	Santhoshkumar.L	IV		Foot ball - Zonal meet	Chettinadu CE, Karur	11/9/2017 to 13/9/2017
8	Mothilal.A					
9	Muthu Rajan.A					
10	Vinil Kumar.M					
11	Ponsuresh. M					
12	Santhosh Kumar. K					

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13	Prabhakaran. G	II							
14	Santhosh S								
15	Mohamed Basith. A	III					Volley ball Zonal meet	SSMIET, Dindigul	14/9/2017 to 15/9/2017
16	Ponnangan. M								
17	Maruthamuthu.G	IV					Table tennis zonal meet	SSMIET, Dindigul	18/9/2017 to 19/9/2017
18	Muthu Rajan.A								
19	Mathivanan.J	IV					Ball Batminton, Zonal Meet	Kamaraj CET, Virudhunagar	19/9/2017 to 20/9/2017
20	Naveen.M								
21	Lakshmiganth. K	III							
22	Sindhu. S. V	III					Ball Batminton Match	RVS CET, DGL	21-09-2017
23	Pugazhenthii.P	IV							
24	Mayildevan. Ar	III					Anna University Zonal level Hand ball Match	Nadar saraswathi CET, Theni	27/9/2017 to 28/9/2017
25	Ragul. K								
26	Navaneetha Krishnan. B	II							
27	Pradeep. V								

FACULTY ACTIVITIES

Seminar/Conference/Workshop

S. No	Name	Designation	Description	Venue	Date/Duration
1	Selvabharathi G., and Muralidharan J.,	Assistant Professor	Jury - Dance & Photography in "OZEIN 2017" by Human League	SSMIET, DINDIGUL	16.09.2017

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Paper Publication					
S. No	Name	Designation	Journal	Date of issue	Topic
1	Karthik M.P., Arul Gnanapragasam A., SreeVidya V., Ragul K., Robert Ravi S., & Rex J.,	Assistant Professor	International Journal of Chemtech Research	17-09-2017	Analytical Study on Fibre Reinforced Geopolymer Concrete
2	Arul Gnanapragasam A.,Lingeswari S., Karthik M.P., Chinnaiah S., Karthik M., Naveen Kumar M.	Assistant Professor	International Journal of Chemtech Research	17-09-2017	Mechanical Properties of Concrete with partial replacement of coarse Aggregate by water bottle caps and Fine Aggregate by Quarry Dust
3	Karthik M.P., Arul Gnanapragasam A., SreeVidya V., Manikandan B., ManushaGayathri M.,	Assistant Professor	International Journal of Chemtech Research	17-09-2017	Experimental Study on Rice Husk In Concrete by Partial Replacement

October 2017

S.No	Reg. No	Name of the student	Year	Participation	Duration	Venue
1	922114103006	Arul Muralimanokar.S	IV	Skill development programme	03-10-2017 to 5.10.2017	AUT, DGL
2	922114103005	Ajith Kumar.M				
3	922114103037	Krishna Kumar.P				
4	922114103043	Maruthamuthu.G				
5	922114103071	Pugazhenthii.P				
6	922114103047	Mohan Raj Gokul.S				
7	922114103048	Mothilal.A				
8	922114103077	Robinson.K				

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9	922114103084	Shankar.A				
10	922114103098	Tamil Selvan.M				
11	922114103044	Mohamed maideen.N	IV	Training Programme	04-10-2017	IDBI federal Limited, Coimbatore
12	922114103060	Nowsath Ali.A.N				
13	922114103061	Pandi Selvam.R				
14	922114103092	Subashini.B				
15	922114103701	S.Abdul Basith(T)	IV	Kabbadi Zonal meet	04-10-2017 & 05-10-2017	BNCET, Theni
16	922114103025	Jeya Kumar.P				
17	922114103050	Muthu Murugan.M				
18	922114103071	Pugazhenthii.P				
19	922115103114	Vijayakumar. K	III			
20	922116103039	Parthiban. S	II			
21	922116103043	Prabhakaran. G				
22	922115103083	Ram Kumar.S	III	National Level work shop on RS & GIS Techniques	05-10-2017 to 6.10.2017	SIT, Virudhunagar
23	922115103096	Santhoshkumar.L				
24	922115103109	Surendar. S				
25	922115103112	Vignesh. S				
26	922116103007	Dhineshwaran. M	II			
27	922116103009	Dinesh Kumar. K				
28	ALL Final year students		IV	The soft skill training program	04-10-2017 to 07.10.2017	SSMIET, DGL
29	922114103071	Pugazhenthii.P	IV	Bsaket Ball zonal meet	06-10-2017 & 07.10.2017	M.Kumarasamy CET, Karur
30	922115103086	Rathakrishnan.V.G	III			
31	922116103014	Harihara Bhuthiran. S	II			
32	922116103020	Janagiraman. K				
33	922116103034	Navaneetha Krishnan. B				
34	922116103065	Srinivas. T.A				
35	922114103023	Jeevanantham.D	IV	SSB Interview	10-10-2017 to 17.10.2017	Allahabad, UP
36	922115103032	Jeevanandham. K	III	SSC Exam	09-10-2017	KLNCET, Madurai

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Paper Publication

S. No	Name	Designation	Journal	Date of issue	Topic
1	Karthik M.P., Sreevidya V., R.Kesavamoorthi and Rex J.	Assistant Professor	International Journal Of Current Engineering And Scientific Research	14.10.2017	A General Review On Interlocking Paver Blocks

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CAREER DEVELOPMENT PROGRAM



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CIVIL ENGINEER'S WELFARE ASSOCIATION



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CONFERENCE



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CUBE CONTEST



DISASTER MANAGEMENT



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IV-AVAHAR CERAMICS



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FAREWELL



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GUEST LECTURE



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MOU SIGN WITH CADD TECHNOLOGIES



SPT DEMO



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