



SRI VENKATESWARA COLLEGE OF ENGINEERING

Autonomous Institution, Affiliated to Anna University, Chennai
SRIPERUMBUDUR TK. 602 117, TAMILNADU, INDIA

DEPARTMENT OF CIVIL ENGINEERING

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DEPARTMENT VISION

The Civil Engineering Department will excel in undergraduate and graduate instruction, in research in all sub-areas of Civil Engineering, and in service to the public consistent with social requirements of knowledge, development and applications. The Department will make significant contributions to the socio-economic development of the region, state and nation.

DEPARTMENT MISSION

To develop SVCE as a "CENTRE OF EXCELLENCE" offering Engineering Education to men and women at undergraduate and postgraduate degree levels, bringing out their total personality, emphasising ethical values and preparing them to meet the growing challenges of the industry and diverse societal needs of our nation.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

Civil Engineering graduates during the first few years of graduation will:

- I. Practice civil engineering in construction industry, public sector undertaking or as an entrepreneur by applying ethical principles and following norms of civil engineering practice.
- II. Pursue higher education for professional development
- III. Exhibit leadership and team working skills in their profession and other activities with demonstrable attributes to contribute to the societal needs and to adapt to the changing global scenario.

PROGRAM OUTCOMES (POs)

Students in the Civil Engineering program should, at the time of their graduation, be able to

1. Apply the knowledge of mathematics, science, engineering fundamentals and concepts of Civil Engineering to the solution of complex engineering problems. **(Engineering knowledge)**
2. Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences. **(Problem analysis)**
3. Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations. **(Design/Development of Solutions)**
4. Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions for complex problems. **(Conduct Investigations of Complex Problems)**
5. Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations. **(Modern Tool Usage)**
6. Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice. **(The Engineer and Society)**
7. Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development. **(Environment and**



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PROGRAMS ORGANIZED

Faculty Development Programme



Dr. P. Venkateswara Rao & Ms. Ruby Freya organised Six Day Faculty Development Programme on **“Strength of Materials”** from 4th June 2019 to 12th June 2019.

Guest Lectures



1. Dr. Sivapriya, Associate Professor, SSN College of Engineering, Chennai has delivered a lecture titled **“Soil Mechanics-An overview”** on 11/03/2019.



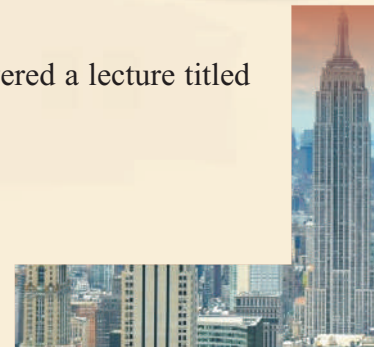
2. Dr. R. Senthil Professor & HOD-Civil Engineering, CEG Anna University Chennai has delivered a lecture titled **“Design of steel beams”** on 02/03/2019

3. Mr. E. Karthik, Structural design Engineer, Kriti Structural Engineering Consultants, Chennai has delivered a lecture titled **“Structural Design in Theory and Practice”** on 28/02/2019.

4. Mr. R. Ram Kumar, CEO, Gemini communication LTD Chennai delivered a lecture titled **“Career guidance”** on 31/01/2019

5. Dr. R. Senthil, HOD-Civil Engineering, CEG, Anna University Chennai has delivered a lecture titled **“Response of steel structures for Earth quake”** on 29/10/18.

6. Dr. R. S. Babu, Principal Valuer and managing director, Hitechvaluers Pvt. Ltd has delivered a lecture titled **“Role and scope for civil engineers in estimation and valuing of properties”** on 30/07/18.



Faculty Development

Participation in Seminar/Workshop/STTP/FDPs

1. Dr. P. Venkateswara Rao has attended Short Term Training on “Computer Aided Design and Analysis of Structure Using Finite Element Method” organised by Easwari Engineering College from 17th June 2019 to 22nd June 2019
2. Ms. Ruby Freya has attended Short Term Training on “Computer Aided Design And Analysis Of Structure Using Finite Element Method” organised by Easwari Engineering College from 17th June 2019 to 22nd June 2019
3. Mr. G.Arun has attended Short Term Training on “Computer Aided Design And Analysis Of Structure Using Finite Element Method” organised by Easwari Engineering College from 17th June 2019 to 22nd June 2019
4. Ms. K.Sathya Priya has attended Short Term Training on “Computer Aided Design And Analysis of Structure Using Finite Element Method” organised by Easwari Engineering College from 17th June 2019 to 22nd June 2019
5. Mr. S. Diravia Balan has attended Short Term Training on “Computer Aided Design And Analysis of Structure Using Finite Element Method” organised by Easwari Engineering College from 17th June 2019 to 22nd June 2019
6. Ms. Ruby Freya has attended Short Term Course on “Cad Using Solid Works” organised by Anna University, Chennai from 14th Dec 2018 to 24th Dec 2018
7. Ms. Ruby Freya has attended Two day Training on “Technical Writing and Publishing With Advanced Computer Tools” organised by Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology on 28th June 2019 & 29th June 2019
8. Mr. G.Arun has attended two day Training on “Technical Writing And Publishing With Advanced Computer Tools” organised by Vel Tech Rangarajan Dr.Sagunthala R&D Institute Of Science And Technology on 28th & 29th June 2019
9. Mr.R.Mathiyazhagan has attended Two day Training on “Technical Writing And Publishing With Advanced Computer Tools” organised by Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science And Technology on 28th and 29th June 2019
10. Ms. Ruby Freya has attended “Advanced Workshop on Steel Design” organised by IIT BOMBAY on 14th and 15th June 2019
11. Mr. G. Arun has attended Workshop on “How to do a Good Ph.D” organised by Anna University, Chennai on 28th February 2019 & 01st March 2019
12. Mr. R. Mathiyazhagan attended Workshop on “How To Do A Good Ph.D” organised by Anna University, Chennai on 28th February 2019 & 01st March 2019
13. Dr. P. Venkateswara Rao has attended “Leadership Excellence” organised by SVCE on 20th and 21st December 2018
14. Ms. K.SathyaPriya has attended Neuro Linguistic Programming Training on “Born to Win And Shine” organised by SVCE on 13th & 14th December 2018



15. Ms. C. Sandhiya has attended Neuro Linguistic Programming Training on “Born to Win And Shine” organised by SVCE on 13th & 14th December 2018
16. Mr. S. Diravia Balan has attended Neuro Linguistic Programming Training on “Born to Win And Shine” organised by SVCE on 13th & 14th December 2018
17. Mr. R. Kalaivannan has attended Neuro Linguistic Programming Training on “Born To Win And Shine” organised by SVCE on 13th & 14th December 2018
18. Dr. M. Selvakumar has attended “Leadership Development Programme” organised by Coimbatore Institute of Technology, Coimbatore from 26th to 28th September 2018
19. Dr. P. Venkateswara Rao has attended “Leadership Development Programme” organised by Coimbatore Institute of Technology, Coimbatore from 26th to 28th September 2018
20. Ms. C. Sandhiya has attended “Geotechnic Engineering Aspects In Deep Excavation And Foundation” organised by Bannari Institute of Technology on 19th and 20th July 2018
21. Mr. R. Mathiyazhagan has attended Workshop on “Building Information Modelling” organised by RMK Engineering College on 04th May 2019
22. Ms. K.Sathya Priya has attended Workshop on “Building Information Modelling” organised by Eswari Engineering College on 28th March 2019
23. Mr. S. Diravia Balan has attended Workshop on “Building Information Modelling” organised by Eswari Engineering College on 28th March 2019
24. Ms. C. Sandhiya has attended Workshop on “Earthquake Hazard, Risk and Mitigation” organised by VIT Vellore on 22nd March 2019
25. Dr. V. Tamizhselvi has attended Seminar on “Advances in Steel & Steel Concrete Composite Structure” organised by Hindustan Institute Of Technology & Science on 07th February 2019.
26. Ms. K.Sathya Priya has attended Seminar on “Advances in Steel & Steel Concrete Composite Structure” organised by Hindustan Institute of Technology & Science on 07th February 2019.
27. Dr. P. Venkateswara Rao has attended workshop on “Utilisation of E-Waste In Construction” organised by Dr. N.G.P Institute of Technology, Coimbatore on 04th Jan 2019
28. Ms.C. Sandhiya has attended National Conference on “Applications of Geosynthetics In Ports, Coasts And Waterways” organised by IIT Madras on 24th November 2018
29. Mr. S. Diravia Balan Workshop on “Assessment of Surfacewater and Ground Water” organised by VIT, Vellore on 22nd July 2018
30. Mr. R. Kalaivannan Workshop on “Assessment Of Surfacewater and Ground Water” organised by VIT, Vellore on 22nd July 2018
31. Mr. B. Neelakandan has attended Training on “Machine tool maintenance and gear box servicing or SPM machine” at S.R.V Veeramuthu Enterprises from 2nd to 12th May 2019.
31. Ms. S. Bhuvaneshwari has attended Training on “computer hardware maintenance and networking” at Advanced Training Institute from 20th to 24th May 2019.



Industrial Visits by Students

Sl. No.	Name of the Company / Organisation	Year	No. of students	Date	Nature of Project
1	Kriti Structural Consultant, Chennai	I Year	45	17.09.2018	General Civil Engineering
2	Institute of Hydraulics and Hydrology – Poondi	IV Year	62	20.09.2018	Water Resources Engineering
3	SRV Engineering, Chennai	I Year	41	6.02.2019	General Civil Engineering
4	Visit to Sathanur Dam	II Year	52	8.03.2019	Applied Hydraulic
5	Chennai Port Trust	III Year	48	12.03.2019	Harbour Engg.
6	Chennai Metropolitan Water Supply and Sewerage Board, Chennai	III Year	21	09.04.2019	Environmental Engineering

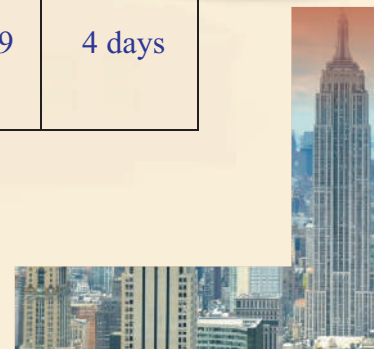
Students Achievements

1. Mr.Sankara Narayanan Mr Jotheswaran.K.C&Mr.Anees.K from 3rd Year Civil engineering have won **First prize** in the event TOWER CRANE (MODEL MAKING) at WAFES 2K18 National level Technical symposium held on 14thSeptember 2018 at Meenakshi Sunadarajan Engineering college,Kodambakkam Chennai
2. Mr.SankaraNarayanan & Mr Jotheswaran.K.C 3rdYear Civil engineering students have won **Second prize** in the event ENGINEERING DESIGN & DRAFTING in WAFES 2K18 National level Technical symposium held on 14thSeptember 2018 at Meenakshi Sunadarajan Engineering College,Kodambakkam Chennai
3. Ms .Preena From third year Civil Engineering has won **Fifth place** in Oratorical competition organized by Builders Association of India at CEG campus Anna university ,held on 22nd October 2018
4. Mr.Lokeswaran P , Department of Civil Engineering, has secured **Second place** in Basket Ball, SVCE, March 2019.
5. Mr.Harshak, Department of Civil Engineering has won **Third prize** in the event GUESS WHAT at WAFES 2K18 National level Technical symposium held on 14thSeptember 2018 at Meenakshi Sunadarajan Engineering College,Kodambakkam Chennai
6. Mr.Harshak, Department of Civil engineering has won **Third prize** in the event GET SET SLOW at DRESTEIN ' 18, 10th National Level Inter collegiate Tec hnical and Management Fest, held during September 21st & 22nd 2018.
7. Ms. J.Sree Swathi, Department of Civil Engineering, has secured **first position** in 100m, 200m, long jump and triple jump in March 2019



Inplant Training / Internship / Industrial Projects Undergone By Students

Sl. No.	Name of the student	Name of the industry	From	To	No. of Days
1.	Bharath M	Chennai Metro Rail Limited	25/12/2019	29/12/2019	5 days
2.	Kaavya R				
3.	Prabakaran V				
4.	Praveen Kumar V				
5.	Priyanka K				
6.	Vasantha Kumar V				
7.	Aravindhana AM				
8.	Chayan Sardar				
9.	Aswini R	Chennai Port Trust	26/08/2019	30/08/2019	5 days
10.	Dhinesh Kumar P				
11.	Gobinath M				
12.	Pragatheesh Krishna S				
13.	Mohan Krishna PR	Public Works Department	12/09/19	15/12/2019	7 days
14.	G Dharshini		28/11/2019	12/11/19	14 days
15.	R Keerthi				
16.	S Kiruthiga				
17.	R Logeshwari				
18.	G Monisha				
19.	H Nancy				
20.	D Pershiya				
21.	V Hemalatha				
22.	S Srikiruthiga				
23.	Magendra Raj S	Alpas Camps and Resorts Pvt. Ltd., Kodanad	12/11/19	03/10/20	4 months
24.	Mohamed Nibras S				
25.	Muthukaruppan KT				
26.	K. Arun	Tamil Nadu Cements Corporation Limited	06/10/19	13/06/2019	4 days
27.	P. Baskar				
28.	V. Praveen Kumar				



Co Curricular Activities

S. No	Name of the Student	Workshop/ Seminar/ Symposium/ Conference/ Culturals/ Sports	Event	Venue	Date	Prize/ Participation
1.	Ms. P Monika Ms.R.Dhivya Lakshmi	Symposium ACE TECH FEST'18 (ASTIVAAR A 2.0))	Tower crane (model making)	Easwari Engineering College, Ramapuram Chennai	14th August 2018	I prize
2.	Prabhakaran V	Symposium ACE TECH FEST'18 (ASTIVAAR A 2.0)	Stack it up	Easwari Engineering College,Ramapuram Chennai 14th August 2018	14th August 2018	Participation
3.	Sankara Narayanan	Symposium WAFES 2K18	Engineering Design and Drafting	Meenakshi Sunadarajan Engineering College, Kodambakkam Chennai	14th Sep 2018	II prize
4.	Jothswaran K C	Symposium WAFES 2K18	Engineering Design and Drafting	Meenakshi Sunadarajan Engineering College, Kodambakkam Chennai	14th Sep 2018	I prize
5.	Sankara Narayanan	Symposium WAFES 2K18	Tower crane (Model making)	Meenakshi Sunadarajan Engineering College, Kodambakkam Chennai	14th Sep 2018	I prize
6.	Anees K	Symposium WAFES 2K18	Tower crane (Model making)	Meenakshi Sunadarajan Engineering College, Kodambakkam Chennai	14th Sep 2018	I prize
7.	Prabhakaran V	Symposium ACE TECH FEST'18(AS TIVAARA 2.0)	Workshop on Technology trends in Civil Engineering	Easwari Engineering College,Ramapuram Chennai 14th August 2018	14th August 2018	Participation
8.	Dinesh kumar G Lokesh P Anubama S Arunraja P	Workshop NIRMAN 2K18	Workshop on Environment al Pollution with GIS Application	SCSVMV, Kanchipuram	12.10.201 8	Participation



9.	Preena P	Oratorical competition (Organised by Builders Association Of India)	Oratorical competition on the topic "Innovative techniques in modern Construction "	College of Engineering , Guindy	22.10.2018	5 th Prize
10.	Sankaranarayan J Sathish T Mohamed nibras S Madheswaran KR	Oratorical competition	Oratorical competition on the topic "Innovative techniques in modern Construction "	College of Engineering, Guindy	22.10.2018	Participation
11.	Bharath Vazhvarasan T	PALS Pogram	Think Create Engineer Event	IIT Madras	5th -8th Dec 2018	Participation
12.	Sriram R Hiren Sridhar Eswarasrinivasan Fahmi Reshman Srinithyan B Rohit GB Vignesh R Sahitiyan S	National level Seminar –Red Ribbon club SVCE	Prevention of AIDS-World AIDS Day	SVCE	1st Dec 2018	Participation
13.	K.Nishanth S.Magendra Raj K.Abinash R.VijayViswesh	Workshop	Building Information Modelling (BIM)	DE NOVO Software solutuions ,Chrompet	19 th august 2018	Participation
14.	G.Pranav Karthik Mohan Krishna P R Mohetraj S Bhuvaneswan B Adarsh S Fahmi Reeshman Ahamed O Eswara Srinivasan VANandarajan P V	Seminar	Advances In Steel concrete composite Structures	Hindustan Institute of Technology &Science	7 th Feb 2019	Participation
15.	Kishore Mahadev S Senthamizhselvan A Gokulapriyar D Srivishnu R Nishanth K Sharafathali J Venkat sujith J Kalaiselvam P Mohamed nibras S Muthukaruppan KT Praveen D Rajesh K	Workshop	Disaster Mitigation of structures	VIT Chennai	18 th Mar 2019	Participation



16.	Adarsh S Anandarajan PV	Symposium (Workshop)	Karigaala 2K19	CIT	22.02.201 9	Participation
17.	Iswarya P	Workshop	Failure Analysis of engineering Components	CEG AU	5 th Jan 19	Participation
18.	Preetham SK Praghateesh Krishna S Vasanth K Muniraj M Sri Akshai R Gokulapriyar D Magendra Raj S Muthukaruppan KT Mohammed Nibras S Sharafath Ali J	Workshop	BIM Software Workshop	EaswariEngg College	28 th and 29 th March 2019	Participation





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