

CONNECTIONS





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EDITORIAL BOARD

Chief Editor

Dr.R.Kumutha

Professor and Head

Co- Editor

Ms. Ruby Freya

Assistant Professor

Students

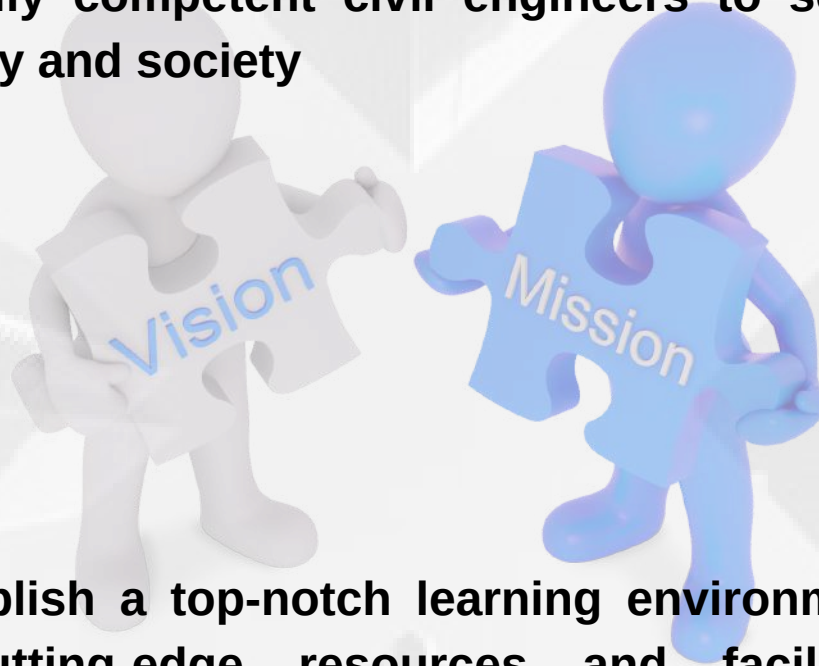
- **Mr.K.N.Mohammad Salmaan Shariff**
IV Year Civil Engineering
- **Mr.B.Raghavendra**
III Year Civil Engineering
- **Mr.G.Aravintakshan**
II Year Civil Engineering



DEPARTMENT VISION AND MISSION

Vision

To become a department of excellence in Civil Engineering education and research with a supportive infrastructure, transforming individuals into globally competent civil engineers to serve the industry and society



Mission

- To establish a top-notch learning environment with cutting-edge resources and facilities facilitating education, research, innovation and consultancy activities.
- To promote lifelong learning to provide solutions for real world problems with moral and ethical values by developing their skills and competency in the emerging fields of Civil Engineering.
- To offer technical and engineering solutions to the issues and challenges that arise in the construction industry at National and Global levels.



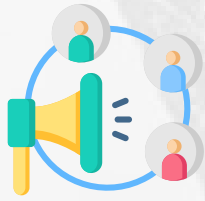
PROGRAMS ORGANISED

A **Workshop** on “**Building Information Modeling using Bentley BIM Software**” was organized for faculty members in association with TechApps Consulting, Chennai on 13th May 2024. This event was organized by Mr. A. Vijay Vignesh, Assistant Professor. The training was given by Mr. Akbar, BIM Consultant , TechApps Consulting, Chennai.



Civil Engineering Association (CEA), organised the Valedictory Ceremony of CEA followed by a **Guest Lecture** on “My Experience at L&T” by Er. G Monisha B.E.,(2018-22 Batch Alumna) Senior Engineer, L&T Constructions, Chennai on 16th May.





COMMUNITY OUTREACH

Experience SVCE was held on 10th May. The aspiring school students and their parents were briefed about the Department, the programs offered and showcased the infrastructure available.



Sri Venkateswara College of Engineering and Springboards, Chennai, organized a **Summer Camp on Engineering and Technology for School Children** from May 6-10, 2024. The registered school students attended one session at the Civil Engineering Department on 10th May.





STUDENTS' ACHIEVEMENTS

- **Ms. R. Lomina, III Year student**, has been selected as an **Intern** at the Branch Office of BIS with a stipend of Rs.20,000/- per month for 2 months duration.



Ms. Lomina R



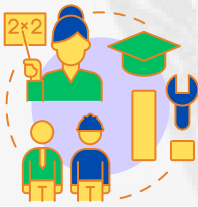
- **Ms. Lomina R, Mr. Raghavendra B, Mr. Aadeshwar S, Ms. Harini Anbazhagan, Ms. Abinaya S and Mr. Gopinath K**, III Year students had been shortlisted for to attend the interview process for the internship offer at Technip on 24th May.
- **Mr. Aadeshwar S and Mr. Gopinath K, III Year students** have been selected as "Intern - Civil & Structural" for a period of two months at Technip Energies with a stipend of Rs.25000 per month.



Mr. Gopinath K

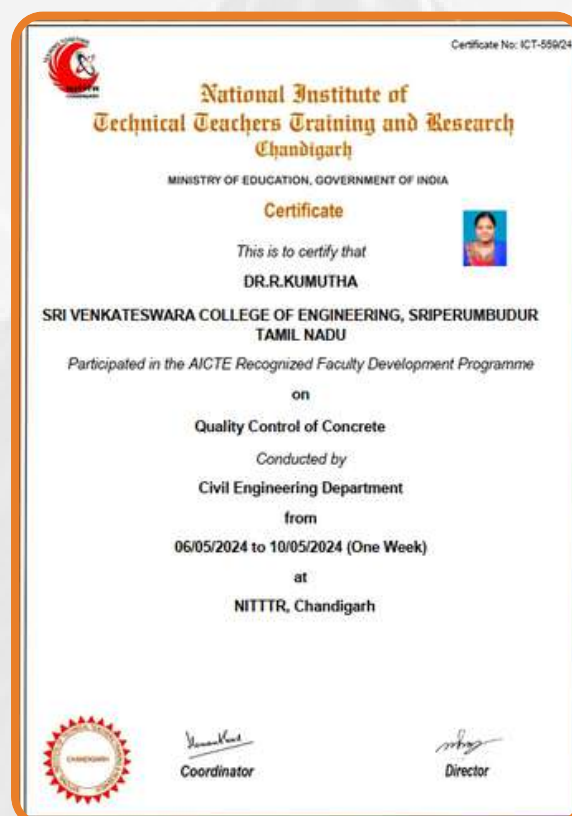


Mr. Aadeshwar S



FACULTY PARTICIPATION

- **Dr. R. Kumutha**, Professor and Head, participated in the AICTE recognized Faculty Development Program on Quality Control of Concrete conducted by Civil Engineering Department, NITTTR, Chandigarh from 6th to 10th May.
- **Ms. Ruby Freya**, Assistant Professor, has reviewed a research article for the International Journal of Steel Structures on 11th May 2024.
- **Mr.A.Vijay Vignesh**, Assistant Professor has participated in the Mentor-Mentee Two days Training & Exposure Visit on “Innovation & Entrepreneurship” organized by the Institution Innovation Council, SVCE from 21st to 22nd May.





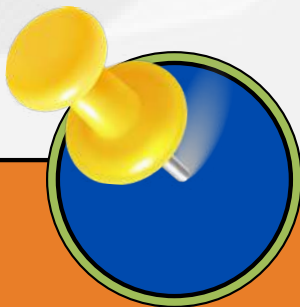
ALUMNI TESTIMONIALS



NIVETHA N
2015-19 Batch
Officer
Punjab & Sind Bank
Kancheepuram



SVCE gave me a very good experience in life. The teachers were professional and very approachable. I am proud that iam an alumni of SVCE. It has given me sweet memories, friends and confidence to face the challenges in life.



I had an incredible experience at SVCE. The faculty were highly knowledgeable and extremely approachable. SVCE provided the perfect environment for excellent education with its best lab facilities in the department. I was surely in the best place to pursue B.E Civil Engineering.



SIVA KUMAR S
2013-17 Batch
Lecturer, Government
Polytechnic College
Chekkannurani.I,
Madurai



PROGRAM OUTCOMES

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 Sustainability)**
8. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice. **(Ethics)**
9. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings. **(Individual and Team Work)**
10. Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. **(Communication)**
11. Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments. **(Project Management and Finance)**
12. Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change. **(Life-long Learning)**

PROGRAM SPECIFIC OUTCOMES & PROGRAM EDUCATIONAL OBJECTIVES



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

- Provide solutions for real life problems related to core areas of civil engineering by applying knowledge of mathematics, Basic and Engineering Sciences and by using appropriate engineering tools
- Plan, analyse, design, execute and manage infrastructure projects considering safety, societal and environmental factors

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

- Practice civil engineering in construction industry, public sector undertaking or as an entrepreneur by applying ethical principles and following norms of civil engineering practice.
- Pursue higher education for professional development
- 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.

PROGRAMS OFFERED

- B.E. Civil Engineering
- B.E. Civil Engineering (For Working Professionals)
- M.E. Construction Engineering and Management
- Ph.D. in Civil Engineering



Department Webpage



YouTube Channel



Linkedin profile



About the Department

The Department of Civil Engineering has started functioning from the year 2008 offering B.E Civil Engineering and Ph.D Civil Engineering programs.

The Department has expertise and facilities for undertaking consultancy work on testing of building materials, traffic studies, structural analysis and design etc.

Highlights of the Department

- B.E Civil Engineering programs accredited by National Board of Accreditation (NBA) under Tier I.
- Anna University Recognized Research Centre
- Signed MoUs with NHAI, Construction Management Training Institute (CMTI), Bengaluru and TechApps Consulting, Chennai.
- The Department has received funded projects and external grants from SERB, AICTE, TNSCST, etc.
- Completed consultancy and testing projects associated with various industries.
- Published book chapters and patents.

Specializations & Research Domains

- ✓ Structural Engineering
- ✓ Transportation Engineering
- ✓ Environmental Engineering
- ✓ Construction Management
- ✓ Water Resources Engineering
- ✓ Geotechnical Engineering



Visit www.svce.ac.in

CONTACT US

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WHY STUDY CIVIL AT SVCE?



- Industry Institute Interaction in terms of Partial delivery of course, Industrial visits, Internships, Guest lectures.
- Well-defined Choice Based Credit System based curriculum with Value added Courses and Certificate courses.
- Well-equipped modern laboratories and Industry Supported Advanced Software Laboratory (supported by TechApps Consulting and Bentley Education).
- Involvement of students in association activities and magazine publications.

OUR MAJOR RECRUITERS



A BACHELOR'S DEGREE IN CIVIL ENGINEERING WITH SPECIALIZATION IN ANY OF THE FOLLOWING

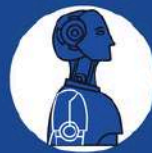
MINOR DISCIPLINES



ARTIFICIAL INTELLIGENCE & MACHINE LEARNING



DATA SCIENCE



ROBOTICS & MODERN MATERIAL HANDLING



BUSINESS DATA ANALYTICS



LOGISTICS & SUPPLY CHAIN MANAGEMENT



FINTECH & BLOCK CHAIN

AND MANY MORE.....

HONOURS



Structural Engineering



Geotechnical Engineering



Environmental Engineering



Construction Management



Geo-Informatics



Transportation Engineering