

**S**  **CE** | Sri Venkateswara  
College of  
Engineering



## DEPARTMENT OF CIVIL ENGINEERING



# CONNECTIONS

**NEWSLETTER**

**April '24, Volume 7 Issue 04**

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## Editorial Board

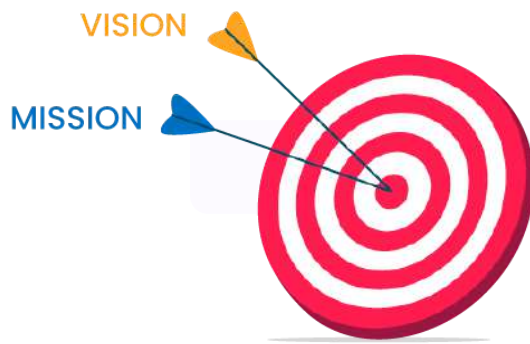
- **Dr.R.Kumutha**  
**Chief Editor & HoD/CVE**
- **Mr. A. Vijay Vignesh**  
**Co-Editor & AP/CVE**



### STUDENT EDITORS

- **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 producing globally competent civil engineers to serve the industry and society.

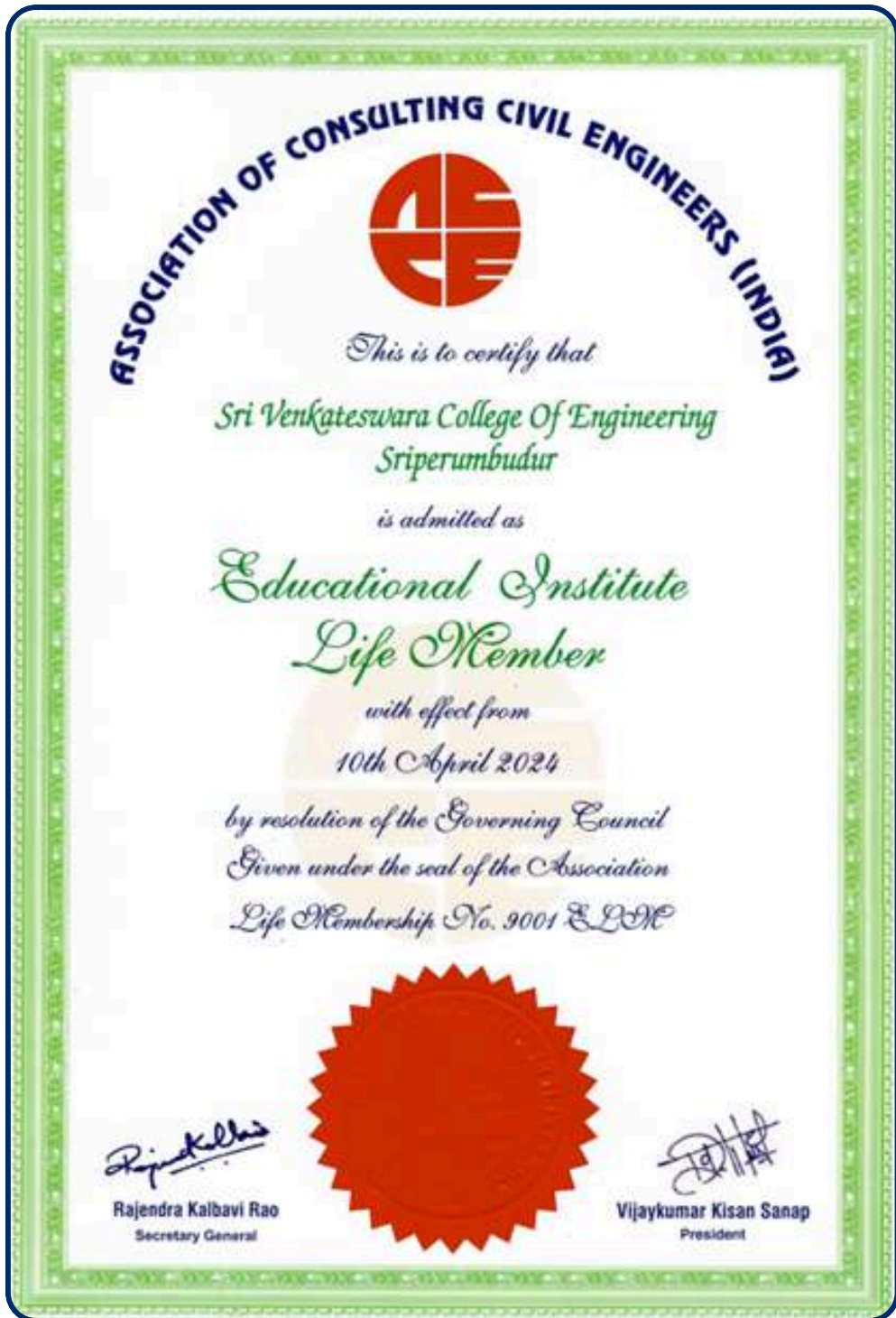
## Mission

- Providing state-of-the art resources that contributes to an excellent learning environment.
- Imparting necessary skills, cultivating moral and ethical values.
- Establishing regular interaction and collaboration with industries
- Motivating the students to take up competitive exams and pursue higher education
- Promoting research and development activities in emerging areas of civil engineering and offering services to society and industry through education, research and consultancy activities.



## COLLABORATIVE INITIATIVES WITH OTHER INSTITUTIONS

**Sri Venkateswara College of Engineering, Sriperumbudur** has become an Lifetime Educational Institutional Member with **Association of Consulting Civil Engineers (ACCE)**, India with effect from 10.04.2024.





## INDUSTRIAL VISITS

Dr. M. Selvakumar (ASP/CVE) arranged the Industrial visit at **Sathanur Dam, Tiruvanamallai** on 26th April 2024 (Friday). Students of Third & Second year of Civil Engineering visited to understand about various hydraulic structures/ turbines.

Ms.Ruby Freya (AP/CVE) and Mr.G.Arun (AP/CVE) have accompanied the students.





## INDUSTRIAL VISITS

Dr. R.Kumutha, Professor & Head & Mr. A. Vijay Vignesh, Assistant Professor arranged the Industrial visit at **VME Precast Private Limited, Sriperumbudur** on 10th April 2024 (Wednesday) for II and III Year students of the Department of Civil Engineering. This field visit enhanced their knowledge on the precast manufacturing process and its applications in construction projects.

Mr. A. Vijay Vignesh (AP/CVE) & Mr.M.Venkatakrishnan (Lab Instructor/CVE) have accompanied the students.



# PROGRAMS ORGANISED

The Department of Civil Engineering, Sri Venkateswara College of Engineering organized a Webinar - **PATHWAYS'24** on “**Designing the World Around us: Explore Opportunities in Civil Engineering**” on 27.04.2024.

## Speakers:

- Dr.R.Kumutha, Professor & Head, Department of Civil Engineering delivered a lecture on “**Civil Engineering @ SVCE**”
- Mr. Abul kalam Azad, Senior Project Management Consultant, JLL, Bengaluru delivered a lecture on “**Digital Transformation in Civil Engineering - AI in Construction Project Management**”
- Mr. Sayan Ghar, CEO, Biswanth Ghar Group, West Bengal delivered a lecture on “**Scope and Opportunities in Civil Engineering**”
- Ms.K.Kavin Malar, M.Tech, IIT Tirupati, Alumna (2019-23 Batch) delivered a lecture on “**Alumni Success Story**”

This event was organized by **Dr.R.Kumutha**, Professor & Head and coordinated by **Dr.R.Sathia**, (ASP/CVE) & **Mr.S.Hariswaran**, (AP/CVE)

**Youtube link:** <https://www.youtube.com/watch?v=9VySiDZ19Rs&t=1s>

SVCE  
**PATHWAYS'24**  
Designing the world around us:  
Explore Opportunities in Civil Engineering

Scan here to Register

**Dr. R. Kumutha**  
Professor and Head  
Department of Civil Engineering, SVCE

**Mr. Abul Kalam Azad**  
Senior Project Management Consultant  
JLL, Bengaluru

**Mr. Sayan Ghar**  
CEO, Biswanth Ghar Group  
West Bengal

**Ms. K. Kavin Malar**  
M.Tech, IIT Tirupati  
Alumna (2019-23 Batch)

meet.google.com/yca-axkr-rkj  
Co-ordinators: Dr. R. Sathia, ASP/Civil  
Mr. S. Hariswaran, AP/Civil

27-04-2024 10:30 AM - 12:00 PM **Register Now**

Construction 4.0  
**Digital Transformation in Civil Engineering - AI in Construction Project management**

The most exciting innovation to hit the design & construction Industry soon

**Abul Kalam Azad, PMP**  
Director, Senior Project Management - Digital Transformation, JLL India.  
+91 97428 15555  
azadok@gmail.com





## PROGRAMS ORGANISED

**Mix & Mould (Cube Competition)** was organized by the Department of Civil Engineering in association with the Indian Concrete Institute (ICI), Chennai centre on 25.04.2024 (Thursday).

This event was organized by Mr. A. Vijay Vignesh, AP/CVE.

### Prize Winners:

**First Place - Lomina R & Abinaya S** (III Year)

**Second Place - Rekha R & Mohana Priya S** (II Year)



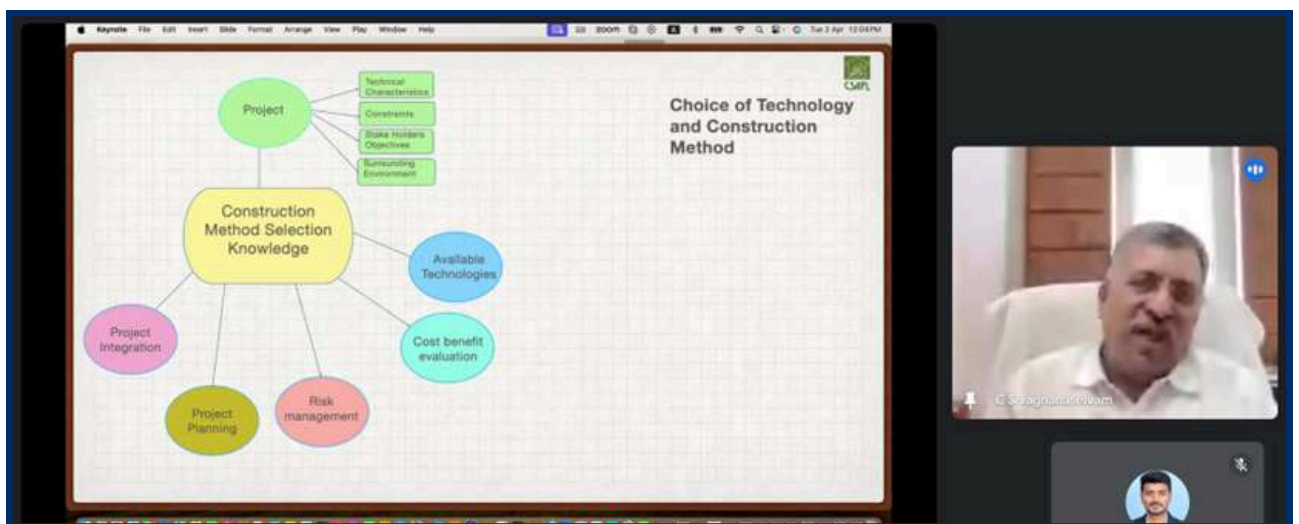
# PARTIAL CONTENT DELIVERY

The Partial Content Delivery by Industrial Expert has been arranged for our VI semester students for the course CE18603 – Construction Planning and Scheduling.

## Speaker details:

- **Mr. C. Sivagnanaselvam,**  
Founder & Chairman,  
CS Group of Companies

As part of this Partial Content Delivery, an industrial visit has been arranged to the **Construction of Commercial Building** at Vallam, Sriperumbudur on 30.04.2024 (Tuesday). During this visit, the students learned about the Quality and Safety management in construction sites.



**Youtube link:**  
<https://www.youtube.com/watch?v=RVzhtfzw9kw&t=17s>

<https://www.youtube.com/watch?v=RVzhtfzw9kw&t=17s>





## STUDENTS ACHIEVEMENTS

**Mr. A. Keerthivasan** (I Year) and his team (Cricket Team) bagged the **Second Runners up** trophy in the 13th Smt Manjula Munirathinam Memorial Cricket tournament - 2024 organized by the RMK Engineering College from 1st to 5th April 2024.



**Pavithran E** (2127220401304) & **Hemalatha A** (2127220401301) have secured **Second place** with a cash award of Rs. 4000/- in the "Cube Competition - Mix it right" event organized by the Department of Civil Engineering, SRM Easwari Engineering College & Indian Concrete Institute, Chennai Centre on 3rd April 2024.





# STUDENTS ACHIEVEMENTS

- **Aravintakshan NG** (II Year) has secured **First Place** in the 4 x 400 relay event in the Annual Sports held at SVCE on 03.04.2024.
- **Aravintakshan NG** (II Year) has secured **Third Place** in 800 meters event in the Annual Sports held at SVCE on 03.04.2024.
- **Aravintakshan NG** (II Year) and his team won **First Place** in the Football tournament during the academic year 2023-24.
- **Mohana Priya S** (II Year) has secured **Second Place** in 1500 Meters event in the Annual Sports held at SVCE on 03.04.2024.
- **Mohana Priya S** (II Year) have secured **Third Place** in 4 x 100 Relay event in the Annual Sports held at SVCE on 03.04.2024.
- **Gururaje M** (II Year) has secured **Third Place** in the 4 x 100 relay event in the Annual Sports held at SVCE on 03.04.2024.
- **Gururaje M** (II Year) has secured **Third Place** in the 1500 meters event in the Annual Sports held at SVCE on 03.04.2024.
- **Gururaje M** (II Year) has secured **First Place** in the 800 meters event in the Annual Sports held at SVCE on 03.04.2024.



**Baala Subramaniyan K** (IV Year) has secured **Second Place** in the Badminton (Doubles) event in the Annual Sports held at SVCE on 03.04.2024.

**Velan S, Gopinath K, Lomina R, Yugheswaran RB & Santhosh Kumar NM** have completed the Online Live Training on “Preparation of Bar Bending Schedule (BBS)” organized by Construction Management Training Institute (CMTI), Bengaluru from 12.03.2024 to 06.04.2024.



## STUDENTS ACHIEVEMENTS

- **Students' Research Day** (SVCE Innovates 2024) was held on 16.04.2024. Dr.P.Gajalakshmi, Professor, Department of Civil Engineering, Crescent Institute of Science and Technology evaluated the 10 participating teams.

### Prize winners:

Position	Name of the Students	Project Title	Mentored By
First Place	<b>Senthil Serma Kumar R, Syed Afrideen M &amp; Aurudra Adiseshiaiah Krishna (IV Year)</b>	“Sustainable Use of Greywater for the Lower Floor Outlet Toilet Flushing for G+2 Residence”	<b>Mr. R. Mathiyazhagan</b>
Second Place	<b>Aravind Kumar U, Jithendar Krrish S and Kishorkkumar Haribaabhu (I Year)</b>	“Precision Farming: Integrated drone Solutions for Crop Care and Water Management”	<b>Mr. G. Arun</b>
Third Place	<b>Chandravasan P, Prem Kumar S and Ramana R (IV Year)</b>	“Shear Thickening Fluid Dampers for Enhancing Seismic Resilience and Fortifying Steel Structures”	<b>Ms.Ruby Freya</b>



## STUDENTS ACHIEVEMENTS

- **Harini.A** (III Year) recognized as an Outstanding Candidate based on the assessment conducted on STAAD Pro Software by TechApps Consulting, Chennai. She has been offered with one year free usage of STAAD Pro software to upskill her talent in the STAAD Pro software tool.
- **Mr. R. Ramana** (IV Year student) bagged the Outstanding Civil Engineering Student Award for the Academic Year 2023-24 during the College Day event held on 05.04.2024.
- **Ms.R.Rekha and Mr.R.B.Yugeshwaran** (II Year Students) received the Budding Bright Engineer Awards for the Academic Year 2023-24 during the College Day event held on 05.04.2024.





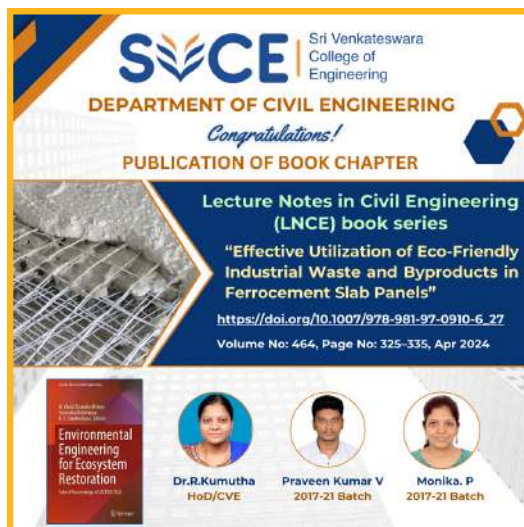
## STUDENTS ACTIVITIES

- Yugheswaran RB, Jai Siddarth A, Gokul A, Gururaje M, Mohana Priya S, Mathimitha A, Aadeshwar S, Kumaran S, Kishor M, Harish kannen R, Balaji K have participated in the "Cube Competition - Mix it right" event organized by the Department of Civil Engineering, SRM Easwari Engineering College & Indian Concrete Institute, Chennai Centre on 03.04.2024.
- Yugheswaran RB, Jai Siddarth A, Jai Hanish Bose C, Lakshman Anand S, Aravintakshan NG, Vikranth J, Gururaje M, Hemalatha A, Pavithran E, Prem Kumar S, Mathimitha A, Aadeshwar S, Kumaran S, Nithila M, Kaviya R have participated in the "Mix & Mould (Cube Competition)" organized by the Department of Civil Engineering in association with the Indian Concrete Institute (ICI), Chennai centre on 25.04.2024 (Thursday).
- Thendralarasu M, Kabilan G, Kaarthick Venkatesh S, Velan S, Gopinath K, M Gururaje, A Mathimitha, R Rekha, Kabilan K, Kameleshwaran R, Kesava Prakash S, Aadeshwar S, Kumaran S, Manimaran A, Santhosh Kumar NM, Zaahir Sha S, Avinash S, Praveen Raj S, Siddharth K has participated in the "SVCE Innovates 2024" organized by the Sri Venkateswara College of Engineering, Sriperumbudur on 16.04.2024.



## RESEARCH ACTIVITIES

- **Dr.R.Kumutha, Praveen Kumar. V, Monika. P** (2017-21 Batch students) have published a book chapter titled “*Effective Utilization of Eco-Friendly Industrial Waste and Byproducts in Ferrocement Slab Panels*” in the Lecture Notes in Civil Engineering (LNCE) Book series, Vol 464, Page No: 325–335, Apr 2024, DoI: [https://doi.org/10.1007/978-981-97-0910-6\\_27](https://doi.org/10.1007/978-981-97-0910-6_27)
- **Dr. M. Selvakumar, G. Dharshini, R. Keerthi, H. Nancy** (2018-22 batch students) have published a paper entitled “*Modal Shift Analysis of Bus Passengers towards Metro Rail: A Mathematical Approach*” in the Indian Highways journal published by the Indian Road Congress (IRC), Vol. 52 (4), April 2024, ISBN 0376-7256
- **Dr.R.Sathia,** Dr.R.Vijayalakshmi, Dr.R.Geetha and Dr.R.Prakash have published a paper entitled “*Concrete crack analysis using a deep belief convolutional neural network*” in Web of Science Journal - Building Materials and Structures, Volume No 67 (1), Page 37-46, DoI: <https://doi.org/10.5937/GRMK2300014P>
- **Dr. P. Venkateswara Rao, Santhosh Rajan S.M, Hemalatha V and Rakesh. S** (2018-22 batch students) published a paper entitled “*Experimental Investigation on Partially Replacing the Fine Aggregate by using Ground Granulated Blast Furnace Slag in Cement Concrete*” in the International Research Journal on Advanced Engineering Hub, Vol.2, Issue 4, April 2024. DOI: <https://doi.org/10.47392/IRJAEH.2024.0122>



## FACULTY ACTIVITIES

- **Mr. R. Kalaivannan** (AP/CVE) had attended the Virtual Domain Specific training on **Virtual Labs** (An Initiative of the Ministry of Education Under the National Mission on Education) through ICT held on 10.04.2024 as part of “PALS VLAB - 2023-24 initiative with NITK, Surathkal.
- **Mr. G. Arun** (AP/CVE) has successfully attended six day training on "Certified Environmental, Social and Governance Assessor" organised by Department of Chemical Engineering and Tamil Safety Professionals Welfare Association (TNSPWA) from 22.04.2024 to 27.04.2024.
- **Mr. A. Vijay Vignesh** (AP/CVE) has participated in the Webinar on “3D Printed Concrete: An Introduction” organized by Indian Concrete Institute, Coimbatore Centre on 26.04.2024.
- **Ms. Ruby Freya & Mr. A. Vijay Vignesh** (AP/CVE) have completed the Online Live Training on “Preparation of Bar Bending Schedule (BBS)” organized by Construction Management Training Institute (CMTI), Bengaluru from 12.03.2024 to 06.04.2024.





## FACULTY ACTIVITIES

- **S.Hariswaran** (AP/CVE), **U.Amaravathy**, **S.Puviarasu**, **J.Jayasurya**, (IV Year Students) has presented a paper titled *“Enhancement of Load Carrying Capacity of Soil by Incorporating GEOGRID”* in the 4th International Conference on “Innovations in Thermal, Manufacturing, Structural, and Environmental Engineering” at Kongunadu College of Engineering and Technology, Trichy, Tamilnadu during 26.04.2024 and 27.04.2024.
- **A.Vijay Vignesh** (AP/CVE), **Gururaje. M**, **Mohana Priya. S**, **Mathimitha. A** (II Year students) has presented a paper titled *“Identification of Critical Barriers to the adoption of Sustainable Building Materials in Construction Projects”* in 5th International Conference on “Sustainable Environment and Civil Engineering” organized by the Department of Civil Engineering, Easwari Engineering College, Chennai held on 17.04.2024 and 18.04.2024.
- **Dr.M.Selvakumar** has reviewed a paper entitled *“Impact of Air Quality Index of Pune City: A Review”* in Journal of Environmental Engineering & Studies (MAT Journal).
- The faculties from the Department of Civil Engineering coordinated the **“Experience SVCE”** program held on 03.04.2024. In which the students from the various schools were visited the campus. The experts from the department explained the working principle of different construction techniques using the models. At the end of the visit, students and parents understood the scope and opportunities in the Civil Engineering discipline.



## FACULTY ACTIVITIES

- **Ms. Ruby Freya**, Assistant Professor received the **Outstanding Teacher Award** for the Academic year 2022-23 during the College day event on 05.04.2024.
- **Mr. A. Vijay Vignesh**, Assistant Professor received the **Star Performer Award** for the Academic year 2022-23 during the College day event on 05.04.2024.



- **Dr. M. Selvakumar**, Associate Professor and **Ms. B. Bhuvaneshwari**, received the **Long Service Award** for the completion of 10 years at SVCE.



### Proposals Submitted:

- **Mr. A. Vijay Vignesh & Ms. Ruby Freya** have submitted a project proposal for R&D project titled "*Study of optimal stacking and storage methods for reducing wastage and prevent deterioration of materials stored at site of Construction project*" to Bureau of Indian Standards, New Delhi.
- **Mr. G. Arun & Mr. R. Mathiyazhagan** has submitted a project proposal for R&D project titled "*Filter for Roof Top Rain Water Harvesting & Groundwater Recharge*" to Bureau of Indian Standards, New Delhi.

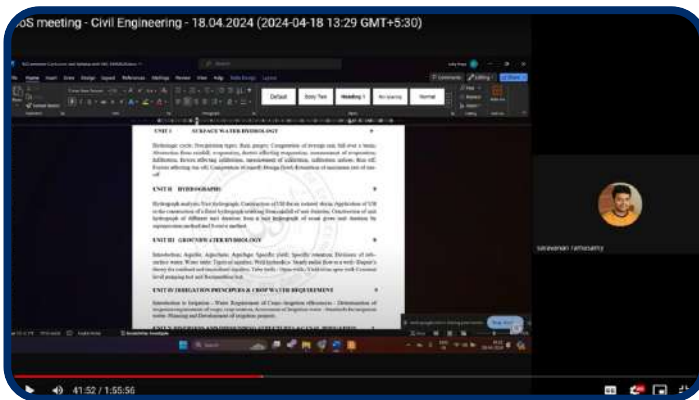


## OTHER ACTIVITIES

The **Board of Studies Meeting** was held on 18.04.2024.

The following external members have attended the BoS meeting along with the internal faculty members,

- **University Nominee** - **Dr. P. Ramadoss**, Professor, Dept. of Civil Engineering, Puducherry Technological University, Pillaichavadi, Puducherry
- **Subject Experts** - **Dr. S. T. Ramesh**, Professor, Dept. of Civil Engineering, National Institute of Technology, Tiruchirapalli and **Dr. R. Saravanan**, Professor, Department of Civil Engineering, College of Engineering Guindy, Anna University, Chennai
- **Industry expert** - **Mr. G T Koteeswaran**, Senior Manager, Project Management - CBRE Chennai, Perungudi
- **Alumni** - **Mr. Sai Prasad Vijayakumar**, Associate Proposals Manager, Global Competence Centre (G3C), NKT Operations India Pvt. Ltd, Guindy, Chennai.



**Mr. Aariusrebony**, DSP and Alumna (2014-2018 batch) had visited the department and had a small interaction with students regarding his journey at college and to the current job.





## ALUMNI TESTIMONIAL



**Mr. A. Pradeep**

Managing Director  
Sekaran Foundations  
Chennai

*"I have had the best days during my college days. I have learnt so many life taking moments during this period. Moreover, all the staffs are very friendly and they seek what's best for us. Every time they push us to move further in life. That's the key point actually. Taking the first step towards our goal or ambition. And SVCE staffs fulfilled that in my life. I am very thankful to them lifelong." – A. Pradeep (2012-2016)*



**Mr. B. Sai Sudhir**

Assistant Engineering Manager  
Larson & Toubro  
Chennai

*"The college provides excellent opportunities for extracurricular and co-curricular activities which indicate that it focuses on all round development. Studying at SVCE was one of the most beneficial experiences I have ever had in my life. I am proud to have been a part of SVCE, and given a chance to travel back, it is my college I would like to go back to because it has given me sweet memories, friends and a sense of confidence to face the challenges in life." – B. Sai Sudhir (2010-2014)*



# DEPARTMENT FACULTIES



**Dr.R.Kumutha**  
Professor & Head



Structural  
Engineering



**Dr.P.Venkateswara Rao**  
Professor



Engineering  
Mechanics



**Dr.M.Selvakumar**  
Associate Professor



Transportation  
Engineering



**Dr.R.Sathia**  
Associate Professor



Ocean  
Engineering



**Ms.Ruby Freya**  
Assistant Professor



Structural  
Engineering



**Mr.G.Arun**  
Assistant Professor



Environmental  
Engineering



**Mr.R.Mathiyazhagan**  
Assistant Professor



Environmental  
Engineering



**Mr.R.Kalaivannan**  
Assistant Professor



Water Resources  
Engineering



**Mr.S.Hariswaran**  
Assistant Professor



Geotechnical  
Engineering



**Mr.A.Vijay Vignesh**  
Assistant Professor



Construction  
Management



## 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 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 (PSOs)

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**

## PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

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

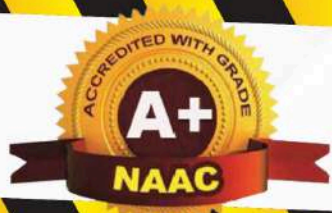
- **Practice civil engineering in construction industry, public sector undertaking or as an entrepreneur by applying ethical principles and following norms of civil engineering practice.**
- **Pursue higher education for professional development**
- **Exhibit leadership and team working skills in their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

## PROGRAMMES OFFERED

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

- 
- Youtube Channel:   
<https://www.youtube.com/@svcedepartmentofcivilengin2935>
  - LinkedIn: <https://shorturl.at/nvQQ1> 
  - Department Website: <https://www.svce.ac.in/departments/civil-engineering>





## 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](http://www.svce.ac.in)

## CONTACT US

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Bengaluru High Road, Sriperumbudur Tk,  
Kancheepuram Dt. Tamilnadu 602 117



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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

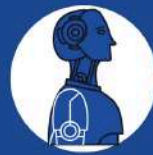
### MINOR DISCIPLINES



**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**



**GEO-INFORMATICS**



**CONSTRUCTION MANAGEMENT**



**GEOTECHNICAL ENGINEERING**





## DEPARTMENT OF CIVIL ENGINEERING



Established in Programs Offered Autonomous  
2008 B.E. Civil Engineering from 2016  
& Ph.D. Civil  
Engineering



CBCS from  
2018



Accredited by NBA  
under Tier I from  
2023-24

# M.E. Construction Engineering and Management

## Admissions

open for the  
Academic Year  
2024 - 2025

Sri Venkateswara College of Engineering (Autonomous) is a premier self-financing institution started in 1985 and received Autonomous status in 2016. The college is approved by AICTE and affiliated to Anna University, Chennai. The college is accredited by National Assessment and Accreditation Council (NAAC) with A+ Grade.

Department of Civil Engineering has started functioning from the year 2008, offering B.E. degree program in Civil Engineering. The programme is accredited by NBA under Tier I Washington Accord. The Department is a recognized research centre by the Anna University for MS (By Research) and Ph.D. Programmes.

## RESEARCH FOCUS

- Resource Optimization Techniques in Project Management Automation in Construction Industry
- Construction and Demolition wastes
- Advanced testing techniques for building materials
- Risk Management in Construction Projects
- Sustainable Binders and Concrete
- Sustainability and Life Cycle Assessment
- Composite Building materials
- Construction Cost Control
- Quality and Safety Management

## SCHOLARSHIPS FOR PG STUDENTS

- > **PG scholarship of Rs.50,000/year** for 30% of the top scorers in their UG degree of sanctioned class strength for 2 years.
- > **Management Scholarships** for tuition fees and assistance for books and instruments.
- > **Intramural M.E/M.Tech Student Research Grant** to carry out innovative projects in Civil Engineering.
- > **Sponsorships** for students to participate in conferences.
- > **AICTE-GATE Scholarship of Rs. 12,400/month for 24 months** from AICTE for students having a valid GATE score.

## MoU's Signed



National Highway  
Authority of India  
(NHAI), India

Construction  
Management  
Training Institute  
(CMTI), Bengaluru



Bentley  
Education

TechApps  
Consulting,  
Chennai



Confederation of Real Estate  
Developers' Associations of India  
(CREDAI) Chennai

## Career Opportunities

- Planning Engineer
- BIM Modeler
- Cost Controller
- Safety Engineer
- Quality Engineer
- Academic Job
- Project Scheduler
- Project Coordinator
- Quantity Surveyor
- Maintenance Engineer
- Billing Engineer
- Research Assistant

Companies looking for M.E.  
Construction Engineering and  
Management Professionals



**Eligibility & Admission:** The basic eligibility criteria is to have a Bachelor's Degree in the relevant field from a recognised university/institute. Admissions will be based on a Common Engineering Entrance Test for Admission (CEETA PG), conducted by Anna University on behalf of the Tamil Nadu government. Candidates with valid scores in the GATE examination are exempted from CEETA PG. The final selection to M.E. program will be done through a counselling process.



**Admissions**

open for the  
Academic Year  
2024 - 2025

# We are excited to introduce B.E. Civil Engineering for Working Professionals

**Sri Venkateswara College of Engineering** (Autonomous) is a premier self-financing institution started in 1985 and received Autonomous status in 2016. The college is approved by AICTE and affiliated to Anna University, Chennai. The college is accredited with **A+** Grade by **NAAC**

**Department of Civil Engineering** offers

**B.E.** – Civil Engineering

**M.E.** – Construction Engineering and Management &

**PhD** – Civil Engineering

**Industry Collaboration**



**National Highway Authority of India (NHAI), India**

**Construction Management Training Institute (CMTI), Bengaluru**



**TechApps Consulting, Chennai**



**Confederation of Real Estate Developers' Associations of India (CREDAI) Chennai**

**Salient features of the department**

- State of art infrastructure, ICT enabled classrooms and labs
- Experienced faculty experts from different domains of civil Engineering
- Industry oriented curriculum
- NBA Accredited UG – Civil Engineering program
- Recognised Research Centre by Anna University

**Eligibility & Admission:**

- Professionals working in Registered Industry / Organization (Central / State) / Private/ Public Limited Company/ MSMEs located within 50 KM radial distance from the Institute.
- Minimum of One Year Full time / Regular working Experience.
- Qualification: Pass in diploma course ( 10+3 years or 12+2 years pattern)

