

DEPARTMENT OF CIVIL ENGINEERING

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CONSTRUCTIVE MINDS

Civil Newsletter

July - December 2025





K.S.R.COLLEGE OF ENGINEERING

(AN AUTONOMOUS INSTITUTION)

(APPROVED BY AICTE, NEWDELHI, AFFILIATED TO ANNA UNIVERSITY & ACCREDITED BY NAAC(A**) & NBA)

K.S.R. KALVI NAGAR, TIRUCHENGODE-637215, NAMAKKAL DISTRICT, TAMIL NADU.

EDITORIAL BOARD

The Editorial Board is a permanent committee of the college responsible for publishing the college newsletter on a biannual basis. The newsletter serves as a regular channel of communication and information-sharing among the faculty and students of the institution. Its primary objective is to present, in an accessible format, updates on the college's growth, achievements of staff and students, events conducted or attended, competitions won, and emerging trends in technology. Moreover, it aims to offer a creative platform for both faculty and students to showcase their literary and intellectual talents through technical or philosophical articles, poetry, short stories with moral lessons, and other academically significant content thereby promoting diverse perspectives and voices.

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Vice Principal

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Head of the Department

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Assistant Professor

Mr.T.Vijayashankar

Assistant Professor

Vision of the Institution

To become a globally renowned institution in Engineering and Management, committed to providing holistic education that fosters research, innovation and sustainable development.

Mission of the Institution

- Deliver value-based quality education through modern pedagogy and experiential learning.
- Enrich Engineering and Managerial Skills through cutting-edge laboratories to meet evolving global demands.
- Empower research and innovation by integrating collaboration, social responsibility and commitment to sustainable development.

Vision of the Department

To develop premier Civil Engineers through education, fostering innovation and research to create a sustainable environment.

Mission of the Department

- Provide value-based education using advanced teaching methods and experiential learning.
- Nurture engineers with advanced technical competencies through cutting-edge laboratories.
- Promote research, foster innovation, and strengthen industry collaboration, addressing environmental challenges through sustainable solutions.

About the Department

Established in 2002, the Department aims to advance education quality, achieve academic excellence, and promote research and consultancy to benefit the community and industry. With advanced laboratories, skilled faculty, modern equipment, and professional software, the department offers B.E. Civil Engineering, M.E. - Structural Engineering, M.E. - Construction Engineering. The department features well-equipped laboratories designed to meet the requirements of both undergraduate and postgraduate programs, in addition to providing consultancy and material testing services.

Recognized as an authorized research center by Anna University, Chennai, the department facilitates Ph.D. programs and advanced research. With 36 Ph.D. scholars successfully graduated. Most of our alumni serving in government sectors, the department exemplifies academic excellence. Our consultancy projects drive innovation and support industries and students in research and product development. Notable clients include the District Rural Development Agency (DRDA), Public Works Department, Municipalities, Southern Railway, and private organizations. We are dedicated to fostering societal and industrial progress through impactful research and collaboration.

DEPARTMENT ACTIVITIES

SEMINAR ON INNOVATION IN CIVIL ENGINEERING: TRANSFORMING THE BUILT ENVIRONMENT

DATE: 19.07.2025 & 11.30 AM

RESOURCE PERSON: Mr.Gowthaman, Sr.Engineer- QAQC, Sobha constructions, Dubai

The seminar aimed to familiarize students with emerging trends such as BIM, precast construction, sustainable materials, and smart infrastructure. An Industry expert Mr. Gowtham presented insights, case studies, and real-time project videos, bridging theory with practice and fostering interactive discussions.





TECH CONNECT

DATE: 19.07.2025 & 02.30 PM

The TECH Connect event aimed to spark technical curiosity and visual learning among civil engineering students through image-based clues on concepts, tools, and technologies. Students actively engaged, linking theoretical knowledge with real-world visuals while enhancing observation, interpretation, and teamwork skills.





INTERNSHIP EVALUATION

DATE: 26.07.2025 & 10.00 AM

RESOURCE PERSON: Er.S.Dinesh Palaniappan, Proprietor, Vaidurya Prefab and Constructions.Coimbatore

Third-year Civil Engineering students completed a 15-day internship at various construction sites to enhance practical exposure and field knowledge, later presenting their learning through detailed PPTs. The evaluations allowed students to explain their understanding of construction processes, site supervision, safety measures, and practical applications. The industry expert commended their efforts, offering feedback on technical communication and documentation





SEMINAR ON INNOVATIVE APPROACHES ON WATER CONSERVATION, SANITATION, AND HYGIENE (WASH)

DATE: 19.07.2025 & 02.00 PM

RESOURCE PERSON: Dr.K.Neetha Delphin Mary, Environmental Consultant/Assistant
Professor, Tagore Institute of Engineering and Technology,
Attur, Salem

The session highlighted innovation and community involvement in addressing water scarcity and enhancing public health. She shared practical solutions for efficient water use, eco-friendly sanitation, and hygiene improvement in both rural and urban settings. It broadened participants' understanding of WASH and inspired fresh perspectives on environmental responsibility





LATTICE ASSOCIATION INAUGURATION

DATE: 09.08.2025 & 09.30 AM

RESOURCE PERSON: Er.S.Gopalakrishnan, Managing Director, GK Planners and Constructions, Perundurai

The Civil Engineering LATTICE Association was inaugurated in a grand ceremony attended by faculty, students, and dignitaries. The inauguration created a platform to strengthen student engagement and promote innovative learning beyond the classroom. It aimed to build a strong network between students, faculty, and industry professionals for enhanced career opportunities





SEMINAR ON SMART VALUATION TECHNIQUES FOR THE MODERN CIVIL ENGINEERS

DATE: 09.08.2025 & 10.00 AM

RESOURCE PERSON: Er.S.Gopalakrishnan, Managing Director, GK Planners and Constructions, Perundurai

The seminar focussed on introduced advanced methods combining digital tools, BIM, and GIS for accurate project valuation. Real-world case studies highlighted market trends, lifecycle costs, and risk assessment. Emphasizing sustainability and regulatory compliance, the session provided practical insights into data-driven decision-making, encouraging the adoption of innovative, technology-based approaches in the construction industry





HANDS ON TRAINING- STAAD PRO: A ONE DAY MASTER CLASS TRAINING

DATE: 21.08.2025 & 09.30 AM

RESOURCE PERSON: Mr.Rajeshkumar, Director - Technical Sales, TechApps Consulting, Chennai.

A one-day hands-on training in STAAD Pro was conducted for third-year Civil Engineering students, led by Mr. Rajesh Kumar. The session covered structural modeling basics, loading conditions, and analysis techniques through interactive exercises. Students gained practical experience in using structural analysis software, bridging classroom theory with industry-relevant





ASSESSING THE EFFECTIVENESS OF CSIR INFRASTRUCTURE MODELS: A PERFORMANCE EVALUATION STUDY

DATE: 21.08.2025 & 11.30

RESOURCE PERSON: Mr. Rajesh Kumar, Director -Technical Sales, TechApps Consulting,
Chennai

Mr. Rajesh offered comprehensive feedback on the students' structural designs. The assessment focused on expanding students' understanding of contemporary infrastructure and digital construction methods. Additionally, students were awarded Certificates of Completion in Building Information Modeling (BIM) for enhancing their technical expertise and preparing them to utilize innovative tools in infrastructure development





SEMINAR ON 3D PRINTING INNOVATIONS: SHAPING THE FUTURE OF CONSTRUCTION

DATE: 13.09.2025 & 11.00 AM

RESOURCE PERSON: Er.A.U.ASHOK SARAVANAN Government Registered Professional Engineer, Surveyor & Architect

The seminar highlighted how 3D printing technology revolutionizes construction by enabling faster, cost-effective, and sustainable building solutions. Various techniques and eco-friendly materials were discussed along with successful global projects. Challenges in safety, standards, and scalability were addressed through expert insights.





ASSOCIATION EVENT-CIVIL QUEST

DATE: 13.09.2025 & 02.00 PM.

The Civil Engineering Association conducted CiviQuest - a Rapid-Fire Civil Quiz designed to assess students' understanding of key civil engineering concepts. Students participated with great enthusiasm, displaying teamwork and presence of mind. The quiz encompassed a wide range of topics, encouraging the practical application of academic knowledge. The event concluded on a successful note, promoting learning, healthy competition, and active student involvement.





SEMINAR ON WATER RESOURCE MANAGEMENT

DATE: 24.09.2025 & 10.00 AM.

RESOURCE PERSON: Mr.SHIVAKUMAR KANDASAMY, Managing Director, Haddington Wines & Whiskies Scotland

The Department of Civil Engineering organized a seminar on Water Resource Management to promote sustainable water practices among students. Guest speaker Mr. Shivakumar Kandasamy delivered an insightful session on modern conservation strategies and management techniques. Students actively engaged in discussions, gaining awareness of global water challenges and engineering solutions





DOMAIN SPECIFIC INTRA PAPER PRESENTATION -BUILDATHON 2025

DATE: 27.09.2025 & 09.30 AM

RESOURCE PERSONS: Anusha Sundar. Co-founder & COO of SpotKwik, Bengaluru Dr.P. Vignesh ASP/SFE KSRCE

The Department of Civil Engineering organized Buildathon 2025, an intra-paper presentation competition for second-year students. A total of 17 teams showcased innovative ideas in Structural Engineering and Construction Management. The presentations were evaluated by Ms. Anusha Sundar (Industry Jury) and Dr. P. Vignesh (Internal Jury). The event enhanced students' technical, communication, and presentation skills, making it a valuable learning experience.





ONE-DAY WORKSHOP ON APPLICATIONS OF AI TOOLS IN MODERN CIVIL ENGINEERING,

DATE:10.10.2025.

RESOURCE PERSON: Mr. Rajesh Kumar, Director -Technical Sales, TechApps Consulting, Chennai

introducing students to Al-based techniques in design, planning, and smart infrastructure. The session featured expert demonstrations and hands-on activities, highlighting Al's impact on accuracy, efficiency, and sustainability in civil engineering





FIELD VISIT

DATE: 09.09.2025

FACULTY INCHARGE: R.Babu, Assitant Professor, Civil

Civil Engineering students visited the hollow brick manufacturing unit on campus. They observed the entire process, from material mixing to molding and curing of bricks. The visit highlighted the benefits of hollow bricks like insulation and lightweight properties. Students also learned about quality control and manufacturing standards. This visit provided practical insights into sustainable construction materials.





NATIONAL LEVEL TECHNICAL SYMPOSIUM - SPRINGFEST 2025

DATE: 11.10.2025

RESOURCE PERSON: Mr. Aniruddha, Executive Director - PwC, Mumbai

The event featured various technical competitions with active participation from students of different colleges.Mr. Aniruddha, Executive Director, PwC, Mumbai, graced the occasion as the chief guest. The symposium promoted innovation, skill development, and industry-academia interaction in civil engineering.













STUDENTS FILED VIST

DATE: 16.10.2025

FACULTY INCHARGE: Dr.P.Prasanthni Associate Professor, Civil

Final year Civil Engineering students visited the Arch construction site at KSREI to gain practical exposure to modern construction practices. Students observed reinforcement detailing, RMC pouring processes, and quality control measures on site. They also learned about safety practices and standards followed during construction. The visit helped bridge the gap between classroom theory and real-world applications. Overall, the site visit enhanced practical knowledge and industry awareness among the students.





INDUSTRY ACADEMIA CONNECT PROGRAM

DATE: 16.10.2025.

RESOURCE PERSON: Asupathi N, Manager, Asian Paints, Chennai

The session focused on modern construction materials and techniques, providing students with practical insights into waterproofing systems, construction admixtures, and sustainable construction practices. The program significantly enhanced students' industry-oriented knowledge and understanding of contemporary construction solutions.





SEMINAR ON WATERPROOFING, ADMIXTURE, REPAIRS & INDUSTRIAL FLOORING

DATE: 16.10.2025

RESOURCE PERSON: Asupathi N, Manager, Asian Paints, Chennai

Experts from Asian Paints shared insights on modern construction materials and techniques.

The session emphasized sustainable practices and real-world applications.

It enhanced students' practical knowledge and industry awareness.





FIELD VISIT

FACULTY INCHARGE: A.Thomas Eucharist, Assistant Professor, Civil

DATE: 09.09.2025

The visit enabled students to observe various road marking techniques and the machinery used for pavement markings. They learned about the types of marking materials, reflectivity requirements, and durability standards. Safety measures and traffic management practices followed during execution were explained on site. The field visit enhanced students' understanding of highway engineering and real-time construction practices.





EXTENSION ACTIVITIES

TRADITIONAL FOOD STALL

DATE: 13.09.2025

Civil Engineering Department organized a Traditional Food Stall on September 13, 2025. The event showcased a variety of traditional cuisines prepared by village peoples, promoting cultural heritage. It provided an opportunity for students to engage in teamwork, creativity, and culinary skills. The food stall attracted participation from across the campus, making it a lively and successful event.





TRIBUTE

DATE: 15.02.2025

PARTICIPANTS: Students of Department of Civil Engineering, KSRCE

The Civil Engineering Department paid tribute to Lion Dr. K.S. Rangasamy MJF and Sir Mokshagundam Visvesvaraya on September 18, 2025. The event honored their contributions to education and engineering and inspired students to strive for excellence.





NAVARATRI POOJA CELEBRATION

DATE: 25.09.2025

PARTICIPANTS: Students of Department of Civil Engineering, KSRCE

The Civil Engineering Department celebrated Navaratri Pooja Day 4 on September 25, 2025.

Students and faculty participated in traditional rituals and cultural activities. The celebration promoted unity, devotion, and cultural awareness within the department.





BLOOD DONATION CAMP

DATE: 27.09.2025

PARTICIPANTS: Students of Department of Civil Engineering, KSRCE

Civil Engineering students actively participated in the Blood Donation Camp on September 27, 2025. Their enthusiastic involvement contributed to this noble cause, helping save lives and supporting community health initiatives. The event not only promoted social responsibility but also encouraged students to engage in humanitarian activities, fostering a sense of empathy, service, and commitment to societal welfare.







FRESHERS DAY

DATE: 29.09.2025

PARTICIPANTS: Students of Department of Civil Engineering, KSRCE

The Civil Engineering Department celebrated Freshers Day on September 29, 2025. The event welcomed new students with fun activities, performances, and interactive sessions. It provided an opportunity for juniors and seniors to bond, fostering friendship and a sense of belonging within the department. The celebration created a lively and memorable start to the academic year for all students.





SARASWATHI POOJA CELEBRATION

DATE: 30.09.2025

Participants: Students of Department of Civil Engineering, KSRCE

The Civil Engineering Department celebrated Saraswathi Pooja on September 30, 2025. Students and faculty participated in the rituals to seek blessings for knowledge and wisdom. The event emphasized the importance of learning, culture, and devotion in academic life. It fostered a sense of unity and spiritual enrichment within the department.





DAAN UTSAV (DONATION DRIVE)

DATE: 15.10.2025

PARTICIPANTS: Students of Department of Civil Engineering, KSRCE

The Civil Engineering Department organized a Daan Utsav (Donation Drive) on October 15, 2025.

Students and faculty actively participated by contributing items and resources for those in need.

The drive promoted social responsibility, empathy, and the spirit of giving among participants.

It provided an opportunity for students to engage in meaningful community service and make a positive impact.





KANAVU MARATHON

DATE: 07.09.2025

Participants: Students of Department of Civil Engineering, KSRCE

Students actively participated in the KANAVU Cross Country Run 2025 (Kanavu Marathon) with great enthusiasm and energy. The event encouraged physical fitness, discipline, and a strong sense of unity among the students. Participants displayed remarkable determination and endurance while successfully completing the cross-country route.





FACULTY ACHIEVEMENTS

The National Science Foundation recognized the outstanding achievements of Civil Engineering faculty members Dr. V. Revathi received the Distinguished Professor Award in recognition of her excellence in teaching, research, and academic leadership. prestigious awards. Dr. N. Muralimohan and Dr. S. Senthilkumar were honored with the Best Environmental Engineer Award for their significant contributions to environmental engineering and sustainable practices. These accolades highlight the department's commitment to academic excellence and societal impact.







Dr. P. Prasanthni attended the IIC Regional Meet 2025 on December 2, 2025. The meet provided a platform to discuss innovation, entrepreneurship, and best practices among institutions. Her participation aimed to bring insights and strategies to enhance student innovation and institutional development





Dr.N.Muralimohan has delivered a Guest Lecture on Disaster Management at Sri Shanmugha College of Engineering and Technology on October 30, 2025





Dr. V. Revathi, Professor and Vice Principal, was awarded Runner-Up for the Inspiring Faculty Leader Award by Bhumi in recognition of her exemplary leadership in seamlessly integrating volunteering with academic engagement, inspiring active student participation, fostering innovation, and creating sustained and meaningful social impact





Dr. N. Muralimohan, Associate Professor of Civil Engineering, received the Excellence in Higher Education Award on September 19, 2025. The award recognizes his outstanding contributions to teaching and research. His achievement brings pride to the department and institution.



LIST OF PUBLICATIONS

s. NO	DETAILS OF PUBLICATIONS	FACULTY PHOTO	MONTH & YEAR
1	K.P.Vishalakshi, V.Revathi, S.Sivamurthy Reddy - Geological characteristics of various coarse aggregates and their influence on rupture probability in normal and high strength concrete,Physics and Chemistry of the Earth Vol. 141, No 2, November 2025, (Q1)		Nov 2025
2	Anumol Sukumaran, V.Johnpaul. Balasundaram, S.Senthil Kumar -Assessment of strength and self-healing properties of bacterial concrete using machine learning techniques and microstructural characterization, Journal of Building Pathology and Rehabilitation. 10.1007/s41024-025-00714-5,2025 (Q2)		July 2025
3	R.Jayakrishnan,V.Johnpaul,N.Balasundaram, S.Senthilkumar Augmenting The Properties Of Black Cotton Soil In Chittur Region, Palakkad, Kerala,International Journal of Environmental Sciences, 2025 (Q2)		Aug 2025
4	Anumol Sukumaran , V Johnpaul ,N Balasundaram S.Senthil Kumar, Bacterial concrete: the future of self-healing and sustainable infrastructure ,MethodsX,Science Direct, Vol 15, 2025, 1035692025(Q2)		Dec 2025
5	G.K Arunvivek, Mohan Raj Logesh Kumar, Anthonisamy Thomas Eucharist , Jabbar Abdul Bari, -Eco-Sustainable Use of Treated Textile Industry Effluent in Concrete Using Eichhornia Crassipes Ash as Bio-Adsorbent Global NEST Journal, Vol 27, No 8, 2025		July 2025
6	T.Subbulakshmi, Vilasini K A, Amith V Madavi, S.Dineshkumar , Aman Ahlawat- Predicting Compressive Strength of Sustainable Concrete Using Hybrid AI and Optimization Techniques, World Skills Conference on Universal Data Analytics and Sciences (WorldSUAS) 2025		Oct 2025

FACULTY NPTEL ACHIEVERS





Congratulations

GOLD, ELITE SILVER & ELITE GRADE ACHIEVERS
DEPARTMENT OF CIVIL ENGINEERING

COURSE: PAVEMENT CONSTRUCTION TECHNOLOGY



Dr. A. ALEX RAJESH Associate Professor

ELITE



Mr. D. KANAGARAJ Assistant Professor

ELITE + SILVER

COURSE: MUNICIPAL SOLID WASTE MANAGEMENT



Dr. P. SUDHA Professor

Professor



Dr. N. MURALIMOHAN Associate Professor

ELITE



Dr. P. PRASANTHNI Associate Professor

ELITE



Mr. B. SURESH Assistant Professor

Successfully Completed



Mr. K.SELVAKUMAR Assistant Professor

Successfully Completed



Mr. R. BABU Assistant Professor

Successfully Completed



Mr. S. SARAVANAGANESH Assistant Professor

ELITE



Mr. S. DINESHKUMAR Assistant Professor

ELITE



Mr. A. THOMAS EUCHARIST Assistant Professor

Management

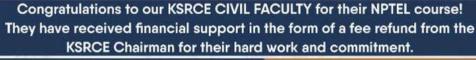
ELITE



Mr. T. VIJAYASHANKAR Assistant Professor

Advanced Prestressed Concrete Design

Successfully Completed





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STUDENTS ACHIEVEMENTS

Final year Civil Engineering students Ajay Kumar, Darun Karthick, Soundarrajan participated in Designathon'25 held at KPRIET on September 26, 2025.



Javajeetha P. T., a first-year Civil Engineering student, was recognized as the Best Library User for the month of October 2025.



K. Mohamed Husain, a first-year Civil Engineering student, secured First Place in Hepta at the 4th Namakkal District Junior Athletics Championship 2025 held on September 05–06.





S. Midhun, a first-year Civil Engineering student, won Third Prize in Athletics at the Anna University Zonal Tournament 2025–26 held on October 28, 2025. His achievement showcased talent, dedication, and sportsmanship at the zonal level.





S. Kamalesh, a first-year Civil Engineering student, won Second Place in Pole Vault at the 4th Namakkal District Junior Athletics Championship 2025 held on September 05–06





Darun Karthick, a final-year Civil Engineering student Change maker of the Year, received the Good Deeds Day – Volunteer Award on behalf of K.S.R. College of Engineering. The award was presented by Bhumi for the project Good Deeds Day 2025: Acts of Kindness & Steps Towards Sustainability.





STUDENTS NPTEL ACHIEVERS





Congratulations

GOLD, ELITE SILVER & ELITE GRADE ACHIEVERS
DEPARTMENT OF CIVIL ENGINEERING

COURSE: ARCHITECTURAL APPROACH FOR DECARBONIZATION BUILDINGS



ELITE + SILVER



DHONI B Successfully Completed



RASHNIYA S

COURSE: MUNICIPAL SOLID WASTE MANAGEMENT



AKILAN M K Successfully Completed



JAGATH M



SOUNDARARAJAN A Successfully Completed



AJAY KUMAR S



JANARTHANAN R Successfully Completed



GOKULAKRISHNAN B Successfully Completed



KOKILAVANI N Successfully Completed



PRAGATHEESWARAN D
Successfully
Completed



ARAVINDHAN G Successfully Completed



BOOMIKA C Successfully Completed



DHAMOTHARAN M Successfully Completed

COURSE: PAVEMENT CONSTRUCTION TECHNOLOG

COURSE: BRIDGE ENGINEERING





SUBASH D Successfully Completed



KABITHISHA M



Congratulations to our KSRCE CIVIL STUDENTS for their NPTEL course!

PLACEMENT ACHIEVERS







DEPARTMENT OF CIVIL ENGINEERING

Congratulations

on your placement



SOUNDARARAJAN A
CIVIL
2026 BATCH



DARUN KARTHIC K S
CIVIL
2026 BATCH



KARTHICK G CIVIL 2026 BATCH



KISHOREMAKI S CIVIL 2026 BATCH



AKILAN M K CIVIL 2026 BATCH



Package 2.5 4

May this beginning lead you towards your desired destination

All the Best!



ENGINEERING | ARTS AND SCIENCE | DENTISTRY | DIPLOMA | ITI |
ALLIED HEALTH SCIENCE | NURSING | PHARMACY | TEACHER EDUCATION | SCHOOLS
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OUTCOME OF STRUCTECH/CSIR LAB - STUDENTS PROJECT







