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Issue: 1

# K.S.R. COLLEGE OF ENGINEERING

**An Autonomous Institution**

(Approved by AICTE, Affiliated to Anna University, Accredited by NAAC A++)

K.S.R. Kalvi Nagar, Tiruchengode - 637 215, Namakkal District, Tamil Nadu



**DEPARTMENT OF SAFETY AND FIRE ENGINEERING**

***SAFETY SPARKS NEWS LETTER***

***Volume 06, Issue 1***

***July - December 2025***

# K.S.R. COLLEGE OF ENGINEERING

An Autonomous Institution

## Chairman Message



**Thiru. R. Srinivasan, BBM., MISTE.,  
Chairman, KSR Educational Institutions**

As we stand on the brink of new beginnings and boundless possibilities, I am filled with an immense sense of pride and optimism about what we can achieve together at KSR Educational Institutions. Our founder, Dr. K S Rangasamy, laid a strong foundation rooted in the belief that education is the most powerful tool to transform lives. Carrying forward his legacy, we remain committed to not just educating but empowering young minds to make a meaningful impact in the world. In today's fast-paced, technology-driven society, the challenges are as dynamic as the opportunities are great. It is imperative for education to transcend traditional learning and encompass the development of holistic, innovative, and critical thinking skills. At KSR, we strive to equip you, our students, with the capabilities to not only adapt to changes but to drive them. We are dedicated to nurturing a generation of leaders, innovators, and thinkers who are ready to take on global challenges with local sensibilities. Making an Impact is not just a phrase—it's our mission. It's about inspiring each one of you to pursue your passions with determination and a sense of responsibility towards the betterment of society. We encourage you to dream big, push boundaries, and question the status quo. Our campus is a melting pot of ideas where your creativity and ambitions are nurtured, allowing you to flourish in ways you never imagined.

**With best wishes,  
Thiru. R. Srinivasan,  
Chairman, KSR Educational Institutions.**

# K.S.R. COLLEGE OF ENGINEERING

**An Autonomous Institution**

## **Vice Chairman's Message**



**Mr. K. S. Sachin, Vice Chairman,  
KSR Educational Institutions**

At KSRCE, we stand at the intersection of tradition and transformation, committed to shaping a future driven by knowledge, innovation, and values. While our roots are firmly grounded in a legacy of academic excellence, our vision extends beyond boundaries, preparing students to excel in an ever-evolving global landscape. Our goal is to create a dynamic learning ecosystem that fosters critical thinking, technological prowess, and ethical leadership. We envision KSREI as a hub of intellectual growth, where students are empowered with 21st-century skills while embracing the timeless virtues of integrity, perseverance, and service. Looking ahead, we aim to integrate cutting-edge advancements in education, strengthen industry collaborations, and expand global opportunities for our students. With a deep commitment to holistic development, we continue to nurture future leaders who will shape society with wisdom and purpose. Together, we build the future—rooted in values, driven by vision.

**With best wishes,  
Mr. K. S. Sachin,  
Vice Chairman,  
KSR Educational Institutions.**

# K.S.R. COLLEGE OF ENGINEERING

An Autonomous Institution

## Dean Message



**Dr. M. Venkatesan, Dean, KSRCE**

As a Dean of KSRCE, I actively play my role to facilitate students to become best academicians, researchers and policy makers. I provide a diverse and inclusive work environment to my colleagues and drive them wherever necessary to play a role in getting utmost national and international agencies support Institution. A collaborative and integrated approach towards teaching, learning and research will be emphasized. I strongly believe that the KSRCE team will overcome the constraints facing to deliver the best Engineering services to the society and reach the desired goals.

With best wishes,  
**Dr. M. Venkatesan**  
Dean, KSR College of Engineering.

# K.S.R. COLLEGE OF ENGINEERING

An Autonomous Institution

## Principal Message



**Dr. P. Meenakshi Devi, Principal**

**K.S.R. College of Engineering**

My heartiest welcome to all the young budding Engineers who have joined in "K.S.R. College of Engineering". With the help of highly qualified and dedicated staff members, we will be moulding the students to the required shape which will make them employable. The composite unit of Students, Parents, and Society is our customer. The K.S.R. College of Engineering will strive hard to provide customer satisfaction. In our college, we give top priority to discipline. A series of tests and examinations will be conducted to achieve good performance in the university examinations. An effective Training and Placement (T&P) cell is formed to provide placement to all our students. Importance will be given to extra- curricular and co-curricular activities also. Excellent infrastructure facilities and good learning atmosphere is an added advantage of this great Institute. I hope all the students admitted here will enjoy the four years of study. Let us all work hard to produce the most competent scientists, engineers, Entrepreneurs, Managers and researchers through Quality Education.

With best wishes,  
**Dr. P. Meenakshi Devi,**  
Principal,  
**K.S.R. College of Engineering.**

# K.S.R. COLLEGE OF ENGINEERING

An Autonomous Institution

## Head of the Department Message



**Dr. M.Prabu, Professor and Head**

**Department of Safety and fire Engineering**

Welcome to the Department of Safety and Fire Engineering! As HOD, I'm proud to lead a department dedicated to a paramount field. Our mission is to cultivate experts who champion safety and mitigate risks across all sectors. We offer a robust curriculum, covering fire dynamics, industrial safety, risk management, and emergency preparedness. Our programs are designed to equip you with both theoretical knowledge and crucial practical skills. We emphasize hands-on learning, ensuring you're ready for real-world challenges. Our dedicated faculties, with vast industry experience, are committed to your success. You'll gain the expertise to safeguard lives, protect property, and ensure operational continuity. The global demand for skilled safety and fire engineers is continuously expanding, opening diverse and impactful career paths. Join us in making a tangible difference in the world. We actively pursue cutting-edge research to advance safety science. Your time here will empower you to become a responsible, proactive safety professional. Let's collaborate to build a safer, more resilient future for everyone.

With best wishes,

**Dr. M.Prabu**

**Professor and Head**

**Department of Safety and fire Engineering**

**K.S.R. College of Engineering**

## 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.

**CHIEF PATRON:****Thiru R.Srinivasan****Chairman****PATRONS:****Shri K.S.Sachin****Vice Chairman****Dr. M.Venkatesan****Dean****Dr. P. Meenakshi Devi****Principal****CHIEF EDITOR:****Dr.M.PRABU****Head of the Department****EDITOR:****Mr.R.Ashok Kumar****Assistant Professor**

**K.S.R. COLLEGE OF ENGINEERING****DEPARTMENT OF SAFETY & FIRE ENGINEERING**

The Department of Safety and Fire Engineering was established in the year 2020 with an intake of 60 students. The Department of Safety and Fire Engineering was formed with the primary objective of providing world class education in the field of Safety and Fire Engineering, while addressing the problems of today and tomorrow. Right from its inception, the department has been offering excellent infrastructural facilities with various sectors like oil and gas, aerospace, chemical, assembly & manufacturing and construction of safety platforms for aspiring professional students to meet the growing demands of the safety-related concerns in the various industries by proper application of engineering methods for a safe work environment.

The department imparts world class training, research and provides state of the safety equipment's facilities to the students. The department offers the students with constant motivation and support to bring out their talents in curricular, co-curricular, and extra-curricular perspectives, thus, uplifting them into dynamic professionals. Our faculty and staff are our biggest strength, with industrial experience and exposure, specialized in engineering disciplines such as Chemical Engineering, Civil Engineering, Electrical Engineering, Mechanical Engineering and Safety, and Fire Engineering.

**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 produce recognized Safety and Fire Engineers with pioneering innovative solutions to enhance safety and promote sustainable development.

### Mission of the Department

- Impart quality education through student-centered teaching approaches.
- Equip students with the cutting-edge knowledge and skills to address the emerging safety challenges.
- Enhance research and innovation in Safety and Fire Engineering, fostering a culture of safety and sustainability.

### Program Educational Objectives (PEOS)

- **Core Competency:** Leverage engineering expertise in fire safety, occupational health, and risk management to provide sustainable solutions for Potential hazards.
- **Professionalism:** Graduates will demonstrate leadership, ethics and teamwork in managing emergency response systems and workplace safety.
- **Career Development:** Graduates will undertake higher studies, research and professional development to meet industry demands in Fire and Safety Engineering.






**Program Outcomes (POs)**






<b>PO1</b>	<b>Engineering Knowledge:</b> Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.
<b>PO2</b>	<b>Problem Analysis:</b> Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development. (WK1to WK4)
<b>PO3</b>	<b>Design/Development of Solutions:</b> Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5)
<b>PO4</b>	<b>Conduct Investigations of Complex Problems:</b> Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8).
<b>PO5</b>	<b>Engineering Tool Usage:</b> Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6).
<b>PO6</b>	<b>The Engineer and The World:</b> Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment. (WK1, WK5, and WK7).
<b>PO7</b>	<b>Ethics:</b> Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9)
<b>PO8</b>	<b>Individual and Collaborative Team work:</b> Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.
<b>PO9</b>	<b>Communication:</b> Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences.
<b>PO10</b>	<b>Project Management and Finance:</b> Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.
<b>PO11</b>	<b>Life-Long Learning:</b> Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8)

**Program Specific Outcomes (PSOs)**

<b>PSO1</b>	<b>Occupational Health and Industrial Safety:</b> Identify, assess, and control workplace hazards using risk analysis, safety audit techniques, and legal compliance frameworks to ensure occupational health and safety in various industries.
<b>PSO2</b>	<b>Fire Protection Systems Design:</b> Apply principles of fire dynamics, combustion and implement effective fire protection and suppression systems in residential, commercial, and industrial environments.

**Faculty Achievements - List of Publications**

S.No.	Title of the Journal	Faculty Photo	Month & Year
1.	Logesh Kamaraj, Muthusamy Prabu, Saisubbu Subbaiah, Mathialagan Ramarao, Namani Srinivas, Haeder Mohammed Abbas, Awadhesh Chandramauli, Suresh Kumar, (2025). Particle swarm optimization and statistical evaluation of mechanical characteristics in bamboo fiber-polyester composites for sustainable applications reinforced with peanut shell and termite mound soil. AIP Conf.Proc. 3263,160062, <a href="https://doi.org/10.1063/5.026185">https://doi.org/10.1063/5.026185</a>		August 2025
2.	D. Ananda Kumar, A. Murugarajan, M. Prabhu & K. Pratheesh, (2025). Effect of Cutting Parameters and Cooling Conditions on Surface Roughness and Tool Wear in Turning Ti-6Al-4V Titanium Alloy on an All-Gear Lathe: A Full Factorial Experimental Study. Journal of Materials Engineering and Performance. Volume 34, Issue 23, pp. 28707-28725, 10.1007/s11665-025-12293-0.		December 2025
3.	P. Dhiravidamani, C. Rajendran, V. Jayaseelan, S. Sambath, (2025). Comparative analysis of shear load on single side and double side friction stir welded AA2014 joints. Journal of Adhesion Science and Technology. Volume 39(24), pp,1-19.DOI:10.1080/01694243.2025.2560030		September 2025
4.	P. Dhiravidamani, J. Duraisamy, S. Prabakaran, R. Srinivasan, (2025). Hemp-PEEK composites: surface treatment, processing, and performance, International Polymer Processing, Volume 40(5), DOI:10.1515/ipp-2025-0019.		September 2025
5.	P. Dhiravidamani, P. Rajendran, S. Durai, T. Kandasamy, (2025). BFRP Epoxy Composite's Impact Strength Enhancement by Hand Layup Method Addition of New Warmed Nano Clay Particles, Materials Science Forum, (Volume 1172), Page- 3-9, DOI:10.4028/p-GMKh2i.		December 2025
6.	R. Arunkumar, S. Karthick, K.V. Priyadharshini, P. Murugesan, S. Nanthakumar, K. Chandrasekaran, S. Mayakannan, (2025). Enhancing Mechanical Properties and Water Resistance of Sisal-Epoxy Composites using Silicon Carbide Nanoplatelets by Vacuum Infusion Molding, International Journal of Vehicle Structures and Systems, Vol. 17 No. 3, <a href="https://doi.org/10.4273/ijvss.17.3.13">https://doi.org/10.4273/ijvss.17.3.13</a> .		September 2025

7.	Kamaraj Logesh, Ravi Ashok Kumar, Lakshmanan Ram, Jayarajan Vairamuthu, Mule Rajuvari Seema Suryanarayana Reddy, Zaid Ajzan, Vinod Balmiki,Vikas Verma, (2025). Study on mechanical properties and biodegradability of polyethylene composite reinforced with corn husk fibers for sustainable applications, AIP Conf. Proc.3263, 160068, <a href="https://doi.org/10.1063/5.0261843">https://doi.org/10.1063/5.0261843</a> .		August 2025
8.	R. Ashok Kumar, L. Ganesh Babu, D. Magesh Babu, P. Sellamuthu, G. Sivaraman and R. Karthikeyan, Enhancing Renewable Energy Penetration with Combined Heat and Power Units and Cryogenic Energy Storage,E3S Web Conf, International Conference on Civil, Environmental and Applied Sciences,Volume 648, <a href="https://doi.org/10.1051/e3sconf/202564803012">https://doi.org/10.1051/e3sconf/202564803012</a> .		September 2025
9.	R. Vijayan, S. Magibalan, R. Ashok Kumar, J. Venkatraman, V. Chandramohan and U. Vivek, (2025). Enhancing Mechanical and Viscoelastic Properties of Natural Fibre Reinforced Polymer Composites with Aluminium Oxide Nano Fillers, EPJ Web Conf,International Conference on Sustainable Development in Advanced Materials, Manufacturing, and Industry 4.0, Volume 336, <a href="https://doi.org/10.1051/epjconf/202533601003">https://doi.org/10.1051/epjconf/202533601003</a> .		September 2025
10.	S. Hariharan, Partha Sarathi Chakraborty, S. Nallusamy, K. Manogar, (2025). A Proposed Model for Inventory Analysis and its Productivity Implications of Medium-Scale Industries, International Journal of Mechanical Engineering by SSRG - IJME Journal, Volume 12 Issue 7, 10.14445/23488360/IJME-V12I7P102.		July 2025
11.	S. Saravanan, Partha Sarathi Chakraborty, S. Nallusamy, V. Kumar, K. Manogar, (2025). Smart Lean Execution and Enhancement Technology for Productivity Optimization in Textile Manufacturing, International Journal of Engineering Trends and Technology, Volume-73 Issue-8, <a href="https://doi.org/10.14445/22315381/IJETT-V73I8P102">doi.org/10.14445/22315381/IJETT-V73I8P102</a> .		August 2025



## Faculty Awards

Dr.P. Dhiravidamani received the Best Professor Award from  
"Wisdom Path Foundation" on 05-09-2025.



## NPTEL Achievements

Our faculty members successfully completed NPTEL courses between July and December 2025, marking a commendable achievement in their continuous professional development.

S.No.	Name of the Faculty	Subject Name
1.	Dr.M.Prabu	Fundamentals of Manufacturing Processes
2.	Dr.P.Vignesh	Fundamentals of Manufacturing Processes
3.	Dr.P.Dhiravidamani	Ethics in Engineering Practice
4.	Mr.K.Venkateswaran	Introduction of Composites
5.	Mr.R.Ashok Kumar	Fundamentals of Manufacturing Processes
6.	Mr.K.Manogar	Fundamentals of Manufacturing Processes


**KSR** College of Engineering  
AN AUTONOMOUS INSTITUTION  
 NAAC ACCREDITED **A++** | NBA ACCREDITED PROGRAMMES


**25 YEARS**  
 2001 - 2026  
 Celebrating Academic Excellence

## Congratulations

**GOLD, ELITE SILVER & ELITE GRADE ACHIEVERS**

### DEPARTMENT OF SAFETY AND FIRE ENGINEERING

  
**Dr. M. PRABU**  
 Professor & Head  
 Fundamentals of Manufacturing Processes  

**77** ELITE+SILVER

  
**Dr. P. DHARIVADAMANI**  
 Professor  
 Ethics in Engineering Practice  

**69** ELITE

  
**Dr. P. VIGNESH**  
 Associate Professor  
 Fundamentals of Manufacturing Processes  

**54** Successfully Completed

  
**Mr. K. VENKATESHWARAN**  
 Assistant Professor  
 Introduction to Composites  

**51** Successfully Completed

  
**Mr. R. ASHOKKUMAR**  
 Assistant Professor  
 Fundamentals of Manufacturing Processes  

**68** ELITE

  
**Mr. K. MANOGAR**  
 Assistant Professor  
 Fundamentals of Manufacturing Processes  

**53** Successfully Completed

**Congratulations to our KSRCE SFE faculty for their NPTEL course!**  
 They have received financial support in the form of a fee refund from the  
 KSRCE Chairman for their hard work and commitment.

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**Program Attended by Faculty**

S.No.	Name of the Faculty	Title of the Program	Name of the College	Date
1.	Dr. P. Vignesh	ATAL One Week FDP: Emerging Trends In Advanced Materials, Smart Fabrication Techniques And Precision Metrology	T.J.S. Engineering College.	18.08.205 to 23.08.2025.
2.	Dr. P. Vignesh	ATAL One Week FDP: Sustainable Engineering And Carbon Neutrality	TKM College of Engineering.	25.08.205 to 30.08.2025.
3.	Dr.K.Chandrasekaran	ATAL One Week FDP: Beyond The Blackboard : Harnessing Technology For Engaging Learning Experiences.	K.S.Rangasamy College of Arts And Science.	18.08.205 to 23.08.2025.
4.	Dr.K.Chandrasekaran	ATAL One Week FDP: Optimizing Next – Gen Computing For Smart System Development	National Institute of Technology Warangal.	13.10.205 to 18.10.2025.
5.	Dr.K.Chandrasekaran	One Week FDP: Recent Advancements In Mechanical Engineering	Jeppiaar Institute of Technology	09.12.205 to 13.12.2025.
6.	Dr.P.Dhiravidamani	ATAL One Week FDP: Robotics For Industry 4.0 Enabling Smart Manufacturing	Sri Venkateswara College of Engineering	17.11.205 to 22.11.2025.
7.	Dr.P.Dhiravidamani	ATAL One Week FDP: Manufacturing And Industry 4.0: Role In Achieving Sustainable Development Goals	KLM College of Engineering	17.11.205 to 22.11.2025.
8.	Dr.P.Dhiravidamani	ATAL One Week FDP: Supply Chain Thinking: Value Creation And Adaptation	Stella Marys College of Engineering	24.11.205 to 29.11.2025.
9.	Dr.P.Dhiravidamani	One Week FDP: Synergizing Robotics Automation And Food Technology	Dhaanish Ahmed Institute Of Technology	21.07.2025 to 25.07.2025.
10.	Mr.K.Venkateshwaran	ATAL One Week FDP: Applications of AI in Automobile Engineering	Rustamji institute of technology	27.10.2025 to 01.11.2025
11.	Mr.K.Venkateshwaran	ATAL One Week FDP: Design thinking and innovation	Saibalaji international institute of management sciences	24.11.2025 to 29.11.2025
12.	Mr.R.Ashok Kumar	ATAL One Week FDP: Industry 5.0: Generative Design and Additive Manufacturing For Lightweight Structural Components	Aarupadai Veedu Institute of Technology	18.08.2025 to 23.08.2025.
13.	Mr.R.Ashok Kumar	ATAL One Week FDP: Hydrogen Energy Systems For A Clean And Green Future	Avanthi Institute of Enginerring And Technology	13.10.2025 to 18.10.2025.
14.	Mr.K.Manogar	ATAL One Week FDP: Smart And Sustainable Waste Management Using IOT And Data Analytics	Madanapalle Institute of Technology & Science	15.09.2025 to 20.09.2025.



## Domain Activities

### Association Inauguration Program

The **Association Inauguration** of the Safety & Fire Engineering Association was held on 19<sup>th</sup> July 2025 at Mount Everest Hall. The program was organized by the **Department of Safety and Fire Engineering, Dr. K. Raja, Chairman, SAEISS–Salem Division and Associate Professor, Mechanical Engineering, KSRTC, Tiruchengode**, graced the occasion as the Chief Guest and delivered an inspiring address highlighting the importance of professional associations and safety leadership in engineering education.





## Seminar on Career Opportunities

A seminar titled “Shaping Careers in Safety and Fire Engineering: Opportunities, Pathways & Innovation” was conducted on 26<sup>th</sup> July 2025 at Mount Everest Hall, D-Block. The event was organized by the Department of Safety and Fire Engineering in association with the Fire Safety Club, Industry–Institute Interaction Cell, and the Centre for Innovation & Incubation. The session was delivered by **Dr. M. Prabu, M.E., Ph.D., Professor & Head, Safety and Fire Engineering**, who provided valuable insights on career prospects, emerging trends, and innovation opportunities in the safety and fire engineering domain.



## Industry Guest Lecture on Awareness and Impact of Emerging Technologies and Safety Measures in the Fire Industry

An Industry Guest Lecture titled “Awareness and Impact of Emerging Technologies and Safety Measures in the Fire Industry” was conducted on 04<sup>th</sup> August 2025 at the OHFA Lab. The program was organized by the Department of Safety and Fire Engineering, in association with the Fire Safety Club, Industry–Institute Interaction Cell, and the Centre for Innovation and Incubation. The session was delivered by **Mr. Rajeshwaran C., South Regional Manager – EHS, Tata Consumer Products Limited, Bangalore**, who served as the Resource Person. The lecture highlighted the role of emerging technologies in enhancing fire safety practices, risk mitigation, and emergency response systems in modern industries. The speaker shared valuable industry insights on advanced fire detection systems, smart safety solutions, regulatory compliance, and the evolving safety requirements of high-risk industrial environments.





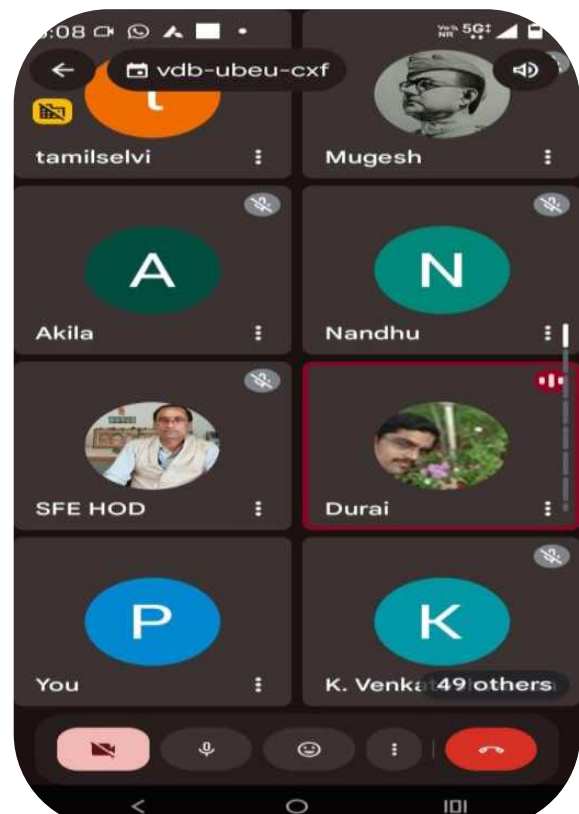
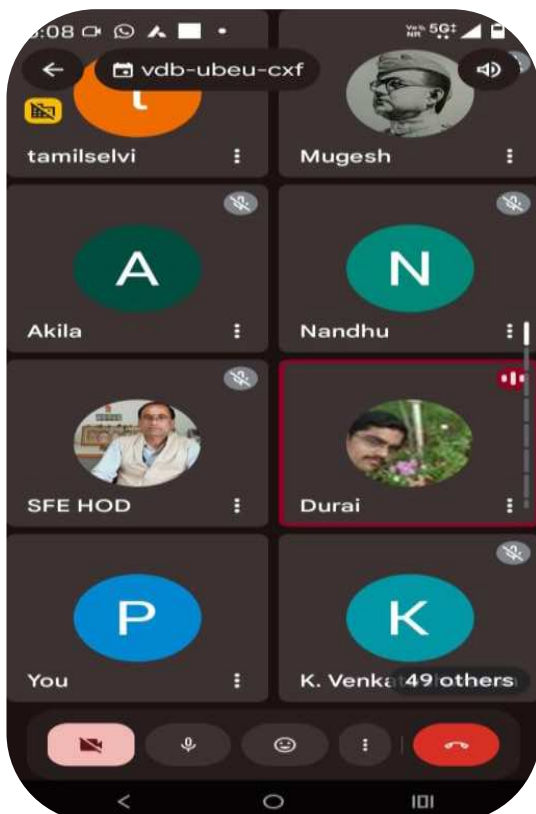
## Awareness Rally on Harmony in Nature- Marching Towards a Greener Tomorrow

An Awareness Rally titled “Harmony in Nature: Marching Towards a Greener Tomorrow” was organized on 09<sup>th</sup> August 2025 at Tiruchengode. The program was organized by the Department of Safety and Fire Engineering, in association with the Safety Health and Environmental Club and the Centre for Sustainable Development Goals. The event was graced by the Inspector of Police, Tiruchengode, as the Chief Guest, who extended his support and encouragement to the initiative. The rally aimed to create awareness among the public and students about environmental Protection, sustainable development, and the importance of living in harmony with nature.



## Industry Guest Lecture on Advanced Fire Investigation Techniques

A technical session on “**Advanced Fire Investigation Techniques**” was conducted online on 06<sup>th</sup> September 2025. The session was delivered by **Mr. J. Durairaj, General Manager-Safety, Dalmia Cement, Trichy**, who shared valuable industry experience and practical insights into modern fire investigation and forensic practices.





**IDEATHON on SMART SAFETY HACK**

An IDEATHON titled “**SMART SAFETY HACK**” was conducted on 10<sup>th</sup> and 11<sup>th</sup> September 2025 at the OHFA Lab, D-Block. The event provided a creative platform for students to propose innovative, technology-driven solutions to address contemporary safety challenges in industrial, occupational, and societal domains.



## Seminar on from Project to Product – A Journey of Innovation

A seminar titled “From Project to Product – A Journey of Innovation” was conducted on 13<sup>th</sup> September 2025 at the OHFA Lab. The session was led by **Dr. P. Jagadeeswaran, Co-Founder and R&D Head, Scitrix Empowerment Service, Chennai**. The seminar focused on guiding students through the systematic process of transforming academic projects into viable, real-world products, with emphasis on innovation, design thinking, and practical problem-solving approaches.





### National Level Technical Symposium – SPRING FEST 2K25

A Workshop and Hands-on Training titled “**Building a Safer Factory: Control Measures and Best Practices**” was conducted on 10<sup>th</sup> October 2025 at Mount Everest Hall, as part of the National Level Technical Symposium – **SPRING FEST 2K25**. The program was organized by the Department of Safety and Fire Engineering, under the Safety and Fire Engineering Association (SFEA).

The session was handled by **Mr. Dhanush Kumar T., EHS Engineer, Delphi TVS Technologies, Chennai**, who served as the Resource Person. The workshop focused on practical and effective safety control measures, hazard identification, risk assessment, and the implementation of best safety practices in industrial environments.



### **Industrial Field Visit to JSW Steel – Innovation and Technology Insights**

An industrial visit to **JSW Steel, Salem** was organized on 24<sup>th</sup> September 2025 for II and III Year students along with 5 faculty members. The visit provided practical exposure to large-scale steel manufacturing, modern production technologies, automation systems, quality control, and sustainable practices, helping students bridge the gap between theoretical knowledge and industrial applications.





### Industrial Field Visit to Anithaa Weaving

An industrial visit to **Anithaa Weaving** was organized on 13<sup>th</sup> September 2025 for II and III Year students along with 4 faculty members. The visit provided practical exposure to the weaving and textile industry, covering weaving processes, machinery operations, quality control, and workplace safety, with special emphasis on occupational safety and hazard identification.



### National Pollution Control Day

National Pollution Control Day was celebrated on 2<sup>nd</sup> December 2025 through an IIC Celebration Activity.





**IMS Internal Auditing Training Program**

A total of 31 students and 6 faculty members were certified as **IMS Internal Auditors** through a programme organized by **TNSPWA** at **SRM Institute of Science and Technology, Chennai**, from 17.09.2025 to 20.09.2025.





## Value Added Course

A total of 45 students and 4 faculty members were successfully certified in ESG organized by TNSPWA with KSR Educational Institutions serving as the Knowledge Partner, held from 18th to 22nd November.





## Alumni Connect

The Alumni Connect program was conducted on 27<sup>th</sup> September 2025 at K.S.R. College of Engineering (KSRCE) to celebrate and engage with the institution's alumni. The event featured **Mrs. P. Devi, Senior Analyst – EHS, Eaton Technologies Pvt. Ltd., Chennai.**



A Guest Lecture on 'Roles and Responsibilities of a Safety Officer' was conducted on 27<sup>th</sup> November 2025 at K.S.R. College of Engineering (KSRCE). The session was delivered by **Mr. R. Vasanth Kumar, EHS Officer, TVS Chennai.**



## Student Area

### Placement Details

We are pleased to announce that our Final year students have been successfully placed in reputed companies, marking a significant step in their professional journey.



S. No.	Date	Name of the company	Package	Placed
1	01.12.2025	KEC International	4 LPA	01
2	11.09.2025	Sundram Fasteners Limited, Hosur	2.88 LPA	01
3	06.08.2025	CRI Pumps	3 LPA	03
4	27.07.2025	TVS Brakes India Pvt. Ltd.	2.75 LPA	02
5	27.05.2025	Seed For Safety	2.5 LPA	07

### Nptel Students

S.No.	Name of the Student	Subject Name
1.	L.Kavishal	Fundamentals of Manufacturing Processes
2.	M.Ponsiva	Chemical Process Safety
3.	A.Abishek	Industrial Safety Engineering



#### NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to

ABISHEK A

for successfully completing the course

Industrial Safety Engineering

with a consolidated score of 51 %

Online Assignments	16.81/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 768

Jul-Oct 2025  
(12 week course)



Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Id No: NPTEL25MG142S1160200077

To verify the certificate



No. of credits recommended: 3 or 4



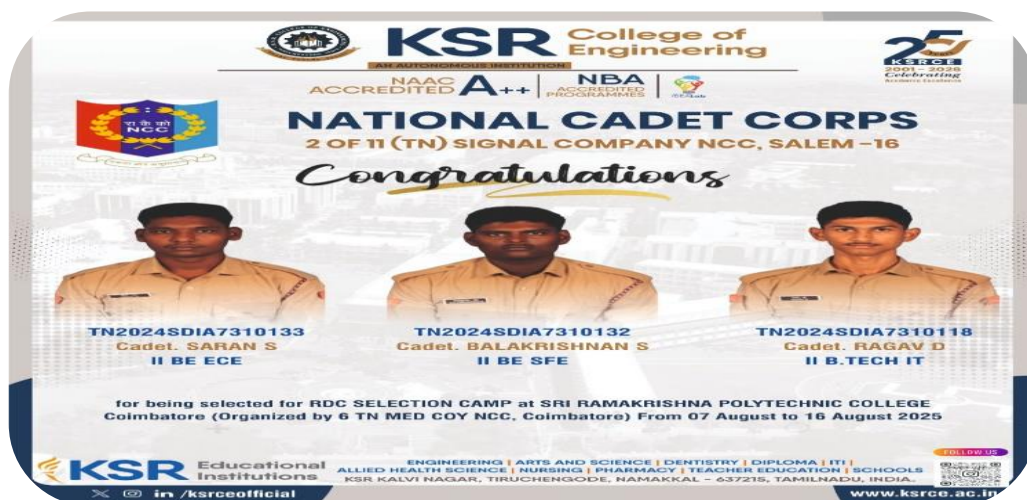
The Tamil Nadu Apex Skill Development Centre for Healthcare & Elite Fire and Safety Institute organized a National-Level Poster Competition, in which our students secured the **2nd Prize**.



Our final-year student, S. R. Dharaneesh, has successfully completed the **Innovation Ambassador – Reskilling Level** course organized by the Ministry of Education’s Innovation Cell (MIC), AICTE.



Our second-year student, S. Balakrishnan, has been selected for the RDC Selection Camp held at Sri Ramakrishna Polytechnic College, Coimbatore.



## Sports

- We are proud to announce that our student, Monish M. S., Balamani J and Sanjay Raj M secured the **1st prize in ATHLETICS** at the 4<sup>th</sup> Sep. Namakkal District Junior Athletics Championships – 2025.
- We are proud to announce that our student, Monish M. S., secured the **2nd prize in Long Jump** at the 4<sup>th</sup> Sep. Namakkal District Junior Athletics Championships – 2025.



**Our Department Faculty, Staff and students participated in KANAVU CROSS COUNTRY RUN.**





## Celebration Glimpses

### Teachers Day Celebration on 04/09/2025

