



KSR College of Engineering

AN AUTONOMOUS INSTITUTION

NAAC
ACCREDITED **A++**

NBA
ACCREDITED
PROGRAMMES



Volume -25, Issue I
(JUL-DEC)

NEXT WAVE IT

25
YEARS
2001 – 2026
*Celebrating
Academic Excellence*

DEPARTMENT OF INFORMATION TECHNOLOGY

VISION OF THE INSTITUTE

We envision to achieving status as an excellent educational institution in the global knowledge hub, making self-learners, experts, ethical and responsible engineers, technologies, scientists, managers, administrators, and entrepreneurs who will significantly contribute to research and environment-friendly sustainable growth of the nation and the world.

MISSION OF THE INSTITUTE

- To inculcate in the students' self-learning abilities that enable them to become competitive and considerate engineers, technologists, scientists, managers, entrepreneurs, and administrators by diligently imparting the best of education, nurturing environmental and social needs.
- To foster and maintain a mutually beneficial partnership with global industries and Institutions through knowledge sharing, collaborative research, and innovation.

VISION OF THE DEPARTMENT

To nurture a generation of IT professionals empowered with technological expertise, innovation mindset, and commitment to global sustainability.

MISSION OF THE DEPARTMENT

- To deliver industry-ready curriculum enriched with emerging technologies, hands-on learning, and interdisciplinary exposure.
- To provide modern infrastructure and a collaborative environment that supports innovation, research and continuous learning
- To empower ethical digital citizens contributing to inclusive and sustainable technological solutions.

Message from CHAIRMAN



Thiru. R. SRINIVASAN, B.B.M., MISTE
Chairman

I am pleased to witness the launch of Next wave IT the official newsletter of the Information Technology Department at K.S.R. College of Engineering. In today's rapidly evolving digital landscape, it is inspiring to see the department taking proactive steps to keep students informed, engaged, and future-ready through such academic and creative endeavors. This newsletter serves as a vibrant platform to highlight the department's achievements in academics, research, student innovations, and industry interactions. It is a reflection of the commitment of the faculty and students towards excellence in the field of Information Technology.

I commend the department for its consistent efforts in nurturing young minds and cultivating an environment of inquiry, innovation, and integrity. My heartfelt congratulations to the editorial team for bringing out this issue and my best wishes for continued success in all future initiatives.

With best wishes
Mr. R. SRINIVASAN
Chairman
KSR Educational Institutions

Message from DEAN



Dr. M. VENKATESAN, M.E., Ph.D.,
Dean

It is with immense pride and delight that I present the latest edition of the IT Department Next wave IT -a vibrant showcase of the creativity, dedication, and accomplishments of our students and faculty. For over a decade, K.S.R. College of Engineering has been a pillar of quality education, empowering young minds with world-class infrastructure and a committed team of educators. Even amidst challenges, our institution has unwaveringly upheld its mission of excellence in teaching, learning, and innovation. Our students continue to carry forward the legacy of academic brilliance, guided by the mentorship of experienced faculty and a passion for research and innovation. In today's fast-paced technological landscape, keeping pace with emerging trends is essential-not only for professional growth but also for discovering new opportunities. This edition captures the spirit of progress and the dynamic energy that drives our department forward. I extend my sincere appreciation to the editorial team, contributors, and all those who played a role in bringing this publication to life. May this newsletter serve not only as a chronicle of our achievements but also as a beacon of inspiration for future milestones.

With best wishes
Dr. M. Venkatesan
Dean

Message from **PRINCIPAL**



Dr. P. MEENAKSHI DEVI, M.E., Ph.D.,
Principal

It is with great pleasure that I share the latest edition of the IT Department Next wave IT, which showcases the remarkable progress, initiatives, and accomplishments of our students and faculty. Over the years, KSR College of Engineering has established itself as a hub of academic excellence, nurturing generations of aspiring engineers with a strong foundation in knowledge and innovation.

Our department continues to strive toward excellence through dynamic teaching practices, robust research activities, and active student engagement. This newsletter is a testament to our collective efforts in embracing new technologies, promoting creativity, and fostering a culture of continuous learning. I commend the faculty, students, and the editorial team for their commitment and hard work in bringing out this informative and inspiring edition. I am confident that this publication will serve as a source of motivation for all, driving us toward even greater achievements in the future.

With best wishes
Dr. P. Meenakshi Devi
Principal

Message from HoD



Dr. S. ANGURAJ., M.E., Ph.D.
Associate Professor & Head
Information Technology

As the Head of the Department of Information Technology, I am delighted to collaborate with our dedicated faculty and enthusiastic students in bringing out this newsletter that showcases the activities and accomplishments of our department in a well-organized manner. This edition highlights our recent initiatives, including seminars, workshops, research publications, student projects, and industry collaborations. I also take this opportunity to extend my heartfelt gratitude to our esteemed alumni and industry partners, whose continued support and active engagement play a vital role in the growth and success of our department.

With best wishes
Dr. S. Anguraj
Associate Professor & Head
Information Technology

NEXT WAVE IT

CHIEF PATRON

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KSR Educational Institutions

Mr. K. S. SACHIN
Vice Chairman,
KSR Educational Institutions

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Dean,
K. S. R. College of Engineering

Dr. P. MEENAKSHI DEVI
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HoD, IT

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AWARDS / ACHIEVEMENTS



Dr. Anguraj S, HoD, Department of Information Technology, was honored with the Thozhil Award by Future Tech Corporate Solutions in recognition of his professional excellence and contributions to the field of Information Technology.



Dr. G. Singaravel, Head – International Relations and Professor, Department of Information Technology, has been selected as a Research Fellow by INTI International University, Malaysia.



Ms. T. Nandhini was honored with the prestigious Faculty Leader Award by the Society for Technocracy Engineering Professionals. The award recognizes her exemplary contributions to teaching, leadership, and her consistent commitment to academic excellence.



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25
YEARS
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Celebrating
Diamond Jubilee

Congratulations

GOLD, ELITE SILVER & ELITE GRADE ACHIEVERS

DEPARTMENT OF INFORMATION TECHNOLOGY



Ms. V. SAMYADEVI
Assistant Professor
Programming in Java

99 ELITE + GOLD
(TOPPER 11)



Mr. P. MEIYAZHAGAN
Assistant Professor
Programming in Java

86 ELITE + SILVER



Dr. S. MENAKA
Associate Professor
Introduction to
Internet of Things

81 ELITE + SILVER



Dr. T. KAVITHA
Professor
Introduction to
Internet of Things

77 ELITE + SILVER



Mrs. R. KAVITHA
Assistant Professor
Calculus of several
real variables

77 ELITE + SILVER



Mrs. G. ANGELPRIYA
Assistant Professor
Introduction to Industry 4.0
and Industrial Internet of Things

73 ELITE



Mrs. S. SUGANYA
Assistant Professor
Data Structures
and Algorithm Design

70 ELITE



Mr. P. RAJASEKHAR
Assistant Professor
Calculus of several
real variables

68 ELITE



Ms. G. DHARANI
Assistant Professor
Cloud Computing

60 ELITE



Dr. D. GOWRISANKAR
Assistant Professor
Educational
Leadership

60 ELITE

Congratulations to our KSRCE 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.

PUBLICATION DETAILS



Dr. G. Singaravel (2025) "QoS Transformation in the Cloud: Advancing Service Quality Through Innovative Resource Scheduling" IET Communication, Volume 19, Issue 1, DOI.org/10.1049/cmu2.70040. Impact Factor: 1.6, SCI indexed.

Dr. G. Singaravel (2025) "Strengthening Data Governance and Network Reliability In Local Self-Government Systems Through Privacy-Preserving Multi-Hop Communication Frameworks" Lex - Locals - Journal Of Local Self Government, Volum 23, Issue 1, DOI: <https://doi.org/10.52152/feec7n50>, Impact Factor: 1.6, SCI indexed.

Dr.P.Kalyanasundaram (2025) "A Hybrid Meta-Heuristic Approach-Aided Optimal Cluster Head Selection and Multi-Objective Derivation for Energy Efficient Routing Protocol in Wireless Sensor Network" Transactions on Emerging Telecommunications Technologies, Volum 36, Issue 1, DOI.org/10.1002/ett.70198



Dr. S. R. Menaka (2025) "A Novel Approach for Fuzzy Logic-Based Clustering With Optimized Energy Efficient Routing in Internet of Things-Based Wireless Sensor Networks " The International Journal of Communication Systems, Volum 38, Issue 16 DOI.doi.org/10.1002/dac.70269. Impact Factor: 1.68 SCI indexed.

T.Nandhini (2025) "Optimizing Pandemic Mitigation and Advisory Solutions using Random Forest Classifier" 7th International Conference on Inventive Material Science and Applications (ICIMA), Volum 1, Issue 1 DOI.[10.1109/ICIMA64861.2025.11073988](https://doi.org/10.1109/ICIMA64861.2025.11073988). Impact Factor: 3.6, SCI indexed.



T.Nandhini (2025) "Fraud-Free Employment: Leveraging Gaussian Naive Bayes for Job Validation" 7th International Conference on Inventive Material Science and Applications (ICIMA), Volum 1, Issue 12, DOI, [10.1109/ICICCS65191.2025.10985664](https://doi.org/10.1109/ICICCS65191.2025.10985664).. Impact Factor: 3.6, SCI indexed.

FDP / SEMINAR / WORKSHOP

Mr. T. Sathish Kumar, Ms. S. Pavithra, Ms. G. Angel Priya, Ms. V. Samya Devi, Ms. G. Dharani, and Ms. M. Sasipriya participated in the Faculty Development Program titled “JUNIPER MIST AI,” organized by the ECE Department, KSR College of Engineering, from 28 July 2025 to 02 August 2025.

Ms. S. Suganya participated in the Faculty Development Program titled “Beyond the Blackboard: Harnessing Technology for Engaging Learning Experiences,” organized by ATAL – K.S. Rangasamy College of Arts and Science, from 18 August 2025 to 23 August 2025.

Dr.S.R.Meenaka & Ms. G. Dharani participated in the Faculty Development Program titled “Augmenting the Research Framework for Climate Changes and Classification using Quantum Support Vector Machines,” organized by ATAL – Nandha Engineering College, from 04 August 2025 to 09 August 2025.

Dr. T. Kavitha participated in the Faculty Development Program titled “AI Mastery for Educators,” organized by ATAL – Panimalar Engineering College, from 15 May 2025 to 07 June 2025.

Dr. T. Kavitha participated in the Faculty Development Program titled “Advancement and Applications of Smart Materials in Environment and Technologies,” organized by ATAL – Marthandam College of Engineering and Technology, from 18 August 2025 to 23 August 2025.

Dr. T. Kavitha participated in the Faculty Development Program titled “AI-Driven Innovation: Bridging Data, Intelligence and Real-World Impact,” organized by ATAL – Government College of Engineering, Tirunelveli, from 08 September 2025 to 13 September 2025.

Dr. T. Kavitha participated in the Faculty Development Program titled “AI-Quantum Convergence in Cyber Defense and Space Technologies,” organized by ATAL – Government College of Engineering, Tirunelveli, from 01 December 2025 to 06 December 2025.

Ms. S. Suganya participated in the Faculty Development Program titled “Optimizing Next-Gen Computing for Smart System Development,” organized by ATAL – National Institute of Technology, Warangal, from 13 October 2025 to 18 October 2025.

PROGRAMME ORGANIZED

The Department of Information Technology organized seminar on “The Role of Data Analytics in Artificial Intelligence and Machine Learning” on 22 July 2025. The session was delivered by Mr. Mousik Shankar, Innovative Technologies, who explained the significance of data analytics in enhancing AI and ML models, providing students with valuable industry-oriented insights.



The Department of Information Technology, in association with the Industry–Institute Interaction Cell and the Centre for Innovation and Incubation, organized a seminar on “Generative AI in Cloud-Based Applications: Use Case and Opportunities” on 26 July 2025. The session was delivered by Mr. V. B. Arunnachalam, Deputy Analyst – Cognitive Technology, renowned for his expertise in cloud computing and AI-driven solutions.

The Department of Information Technology in association with Centre for Innovation and Incubation & Industry Institute Interaction Cell organizes Association Inauguration & Logo launch in Pearl Hall on 31.07.2025.





Five day UI/UX Design Value-Added Course for 2nd-year IT students, titled "UI/UX Design in the Age of Innovation," from 28.07.2025 to 01.08.2025 at IT Lab - I & II. This immersive course feature leading industry experts from Inzovate Technologies, Mr. Mousik Shankar (CEO), Mr. Gokul G (Co-Founder), Mr. Logu Prasath P (UI/UX Design Expert), and Mr. Devendhiran S (UI/UX Design Expert).

The Department of Information Technology organized a seminar on “Transforming Ideas into Innovation with AWS Cloud” on 23 August 2025 at Dhenuka Hall. The session was delivered by Mr. T. Vasanthkumar, ThroughPut Solutions, Bangalore, who shared insights on AWS cloud services, innovation-driven solutions, and real-time industry applications, enriching students’ understanding of cloud technologies.



The Department of Information Technology organized a seminar on “Building with Brains: A Developer’s Guide to Generative AI” on 27 September 2025 at Mount Everest Hall. The session was handled by Mr. Abhishek Palaniyappan, Senior Engineering Manager, who shared insights on Generative AI concepts, tools, and real-time applications, benefiting students with practical industry knowledge.

The Department of Information Technology, in association with the Industry Institute-International Cell and the Centre for Innovation & Incubation, is organizing a seminar on "NEXT GEN IT CAREERS: CODING, CLOUD AND BEYOND 2025" on 19.07.2025. The chief guest was Mr. Ramshankar T R, General Manager, Robomatiic, Coimbatore. This session focused into the future of IT careers, focusing on the transformative roles of coding, cloud computing, and emerging technologies. The students gained valuable perspectives on evolving industry trends and the skills required to stay competitive in the tech-driven job market.



The Department of Information Technology in association with ASTHRA, Industry Institute Interaction Cell & Centre for Innovation and Incubation organizes "Bootcamp Blitz: Mastering Innovation & Problem Solving in IT Lab-1, on 27.10.2025.

The Department of Information Technology - Asthra association with Industry Institute Interaction Cell organizes Technical contest- Code Debugging & Code contest in on 9.08.2025.





The department of Information Technology in association with Centre for Innovation and Incubation & Industry Institute Interaction Cell organizes Seminar on "Igniting the Entrepreneurial Mindset: From Ideas to Impact" on 09.08.2025.

The Department of Information Technology, and Centre for Sustainable Development Goals in association with Impulse SAM organized a seminar on “Roots of Change: Plant Today, Protect Tomorrow” on 18.08.2025. The session was facilitated by Ms. T. Brindha, Assistant Professor of Chemistry and Eco Club Coordinator, who served as the Chief Guest and emphasized eco-friendly practices such as seed ball plantation while encouraging youth participation in achieving the UN Sustainable Development Goals.



The Department of Information Technology, organized a workshop on “Cloud Spark: Igniting Innovation in the Digital Era” on 27 October 2025 at Dhenuka Hall. The session was handled by Ms. J. Kausalya, Senior Associate Consultant, Infosys, Chennai, who shared insights on cloud technologies and digital innovation, enhancing students’ understanding of modern cloud-based solutions.



The Department of Information Technology, in association with the Centre for Sustainable Development Goals organized an Awareness Program on “Clean Water for a Bright Future” on August 23, 2025, at KSR Community Radio 90.4. The event was broadcast through the community radio station, reaching out to the public to spread awareness about the importance of clean and safe water for sustainable living.



The Department of IT and The Institution’s Innovation Council (IIC), in association with the Centre for Sustainable Development Goals, organized the ATL School Linkage: Innovation & Entrepreneurship Outreach Program on 26 August 2025 at Jaycees Matric Higher Secondary School, Erode. The program aimed to inspire school students by promoting innovation, creativity, and entrepreneurial thinking, while creating awareness about problem-solving approaches aligned with sustainable development goals.

The Department of Information Technology, in association with the Centre for Sustainable Development Goals, organized “Green Film Review & Eco-Podcasts (Voices for the Earth)” on September 15, 2025. The event encouraged students to critically review eco-themed films and express their perspectives on environmental conservation, thereby fostering creativity in green communication. It served as an effective platform for young minds to engage in meaningful dialogue and advocacy for a sustainable future.



The Department of Information Technology, International Relations, Centre for Innovation and Incubation & Industry Institute Interaction Cell Organizes Six Days Faculty Development Program (FDP) on "Artificial Intelligence For Health Research: Leveraging Next - Generation Computer Science Technologies" from 06.10.2025 to 11.10.2025 .

The Department of Information Technology, in association with the ASTHRA Association – Industry-Institute Interaction Cell, is organized an Intra Paper Presentation, “TRENTech 2K25,” on 27.09.2025 Resource Persons Ms. J. Kausalya, Salesforce Developer Senior Associate Consultant Infosys, Chennai. Ms. R. Manoja Assistant Professor Department of CSE (Cyber Security) K.S.R. College of Engineering.





The Two-Week Advanced Faculty Development Program (Offline Mode) on “Shaping a Smarter World: Quantum Technology through AI and QML,” sponsored by the AICTE – Training and Learning (ATAL) Academy and organized by the Department of Information Technology, was held from 17th to 29th November 2025. The program provided a comprehensive 12-day platform for learning emerging trends and breakthroughs in Quantum Computing, Artificial Intelligence, and Quantum Machine Learning (QML). Each session blended focused insights, live demonstrations, and hands-on practice, enabling participants to grasp complex quantum concepts with clarity. The discussions highlighted real-world use cases, industry innovations, and future research directions in the quantum ecosystem.

PLACEMENT HIGHLIGHTS

S.No	Reg No	Name of the Student	Company Placed
1	73152221001	ABISHEK M	Mphasis
2	73152221010	DIVAKAR P	Mphasis
3	73152221014	HARIESH R	Mphasis
4	73152221024	KARAN SINGH D	EPAM
5	73152221026	KOWSHIKA M V	Mphasis
6	73152221032	MOHAMMED KAIF S	Mphasis
7	73152221043	SANDHYA G	Mphasis
8	73152221045	SANTHOSH N	Mphasis
9	731622205002	AMIRTHAN A	Closer look
10	731622205006	BALACHANDRAN R	Mphasis
11	731622205030	KOWSALYA L	Mphasis
12	731622205032	LOGAPRASANTH M	Mphasis
13	731622205045	PRANESH R	Mphasis
14	731622205026	KEERTHIVAISHALI S	Kaar Technologies
15	731622205062	VISHALINI K	Think N solution

THE BEST INTERNSHIP STUDENT AWARD



S. Pavithran (III Year IT) received the award in the Generative AI domain for his internship at Azhizen Solution,

Padma Vaishnavi T (III Year IT) was recognized in the Data Analytics domain for her internship at Thiran 360 AI, highlighting their industry exposure and technical excellence.



SPORTS ACHIEVEMENTS

Ms. Haripriya E, II Year, won the Gold Medal in Javelin Throw at the Anna University Inter-Zonal Athletics Sports Meet 2025, held at Kongunadu College of Engineering, and has been selected to represent Anna University at the All India National Level Sports Meet.



Ms. Haripriya E II Year, won the Gold Medal at the Anna University Inter-Zonal Weightlifting Championship Tournament 2025, held at SRM College of Engineering, and has been selected to represent the South West Zone at the National Level Championship Tournament.

HIGHLIGHTS



Alumni Meet



Navaratri Day Celebration



Saraswati Puja Celebration



Paper Presentation



Anti-Corruption Day



KSR College of
Engineering

KSR KALVI NAGAR, TIRUCHENGODE.

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