



KSR College of
Engineering

NAAC
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PROGRAMMES
AN AUTONOMOUS INSTITUTION

Volume: II

Issue: 2

JUNE-2025

B.E. - COMPUTER SCIENCE & ENGINEERING (IoT)

NEWS LETTER

(Academic Year 2024-25)



VISION OF THE INSTITUTE

We envision to achieve 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 develop skilled IoT professionals with expertise in intelligent connectivity and sustainable digital ecosystems

MISSION OF THE DEPARTMENT

1. Provide value-based and industry-aligned education in Computer Science and IoT through innovative pedagogy and modern technologies
2. Empower technical and problem-solving skills in the field of IoT through state of art laboratories
3. Promote interdisciplinary research and collaboration in emerging technologies for creating sustainable solutions.



K.S.R COLLEGE OF ENGINEERING (AUTONOMOUS)

Thiru. R. SRINIVASAN, B.B.M.

Chairman,

KSR Educational Institutions.



Message

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.

Warm regards,

R. Srinivasan, Chairman,

KSR Educational Institutions.



K.S.R COLLEGE OF ENGINEERING (AUTONOMOUS)

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



Message

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 Regards,

Dr. M. Venkatesan

Dean - K.S.R College of Engineering.



K.S.R COLLEGE OF ENGINEERING (AUTONOMOUS)

DR. P. MEENAKSHI DEVI

Principal - KSRCE



Message

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 molding 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 Regards,

Dr. P. Meenakshi Devi
Principal-KSRCE

SEMINAR

The Department of Computer Science and Engineering (Internet of Things) at KSR College of Engineering, in collaboration with CSDG, successfully hosted a seminar on **"AWS Cloud Essentials"** on January 25, 2025 at Diamond Hall, KSRCE. The event was inaugurated by **Mr. T. Vasanthakumar**, Network Engineer, Extol Tech Solutions, Erode. This seminar provided valuable insights into cloud computing, empowering our students with industry-relevant knowledge.



HANDS ON TRAINING

On January 25, 2025, a one-day hands-on training session on **Logical Reasoning** was conducted for our students. This session aimed to enhance their problem-solving skills and prepare them for technological advancements.

**KSR** College of Engineering
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING (IOT)
INDUSTRY – INSTITUTE INTERACTION CELL
KSRCE/2024-2025/IOT/A02/Session-2
Organizes
PROGRAMME ON
**HANDS ON
TRAINING FOR
LOGICAL REASONING**
KSRCE SUPPORTS THE SUSTAINABLE DEVELOPMENT GOALS
ON SUNDAY
JANUARY 25, 2025
STARTS AT
02.00 PM
VENUE
IOT Lab
www.ksrce.ac.in

Hands-on training session on Logical Reasoning on 25.01.2025

SEMINAR

The Department of Computer Science and Engineering (Internet of Things) at KSR College of Engineering, in collaboration with CSDG, successfully hosted a seminar on **"INNOVATION AND START UP"** on February 22, 2025 at IOT Lab, KSRCE. The event was inaugurated by Mr. M. Arun Prasath Assistant Professor ECE KSRCE, this seminar provided valuable insights into cloud computing, empowering our students with industry-relevant knowledge.

The poster is for a seminar titled "INNOVATION & STARTUP" organized by the Department of Computer Science and Engineering (IOT) at KSR College of Engineering. It features the college's name and logo at the top left, along with accreditation logos for NAAC A++, NBA, and Great Place to Work. The department is associated with the Centre for Innovation and Incubation and the Centre for Sustainable Development Goals. The seminar is organized in association with the Institution's Innovation Council. The resource person is Mr. M.M. Arun Prasath, Assistant Professor/ECE and Innovation Ambassador at the Department of ECE, KSRCE. The event is scheduled for Saturday, February 22, 2025, starting at 11:00 AM at the IOT Lab - A Block. The poster also includes social media handles for KSRCE and its website.

KSR College of Engineering

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING(IOT)

Centre for Innovation and Incubation

In association with
Centre for Sustainable Development Goals
Organizes
SEMINAR ON
INNOVATION & STARTUP

Mr. M.M. ARUN PRASATH
Assistant Professor/ ECE
Innovation Ambassador
Department of ECE
KSRCE

ON SATURDAY
FEBRUARY 22, 2025
STARTS AT
11:00 AM
VENUE
IOT LAB - A BLOCK

[X](#) [@](#) [in](#) /ksrceofficial

www.ksrce.ac.in



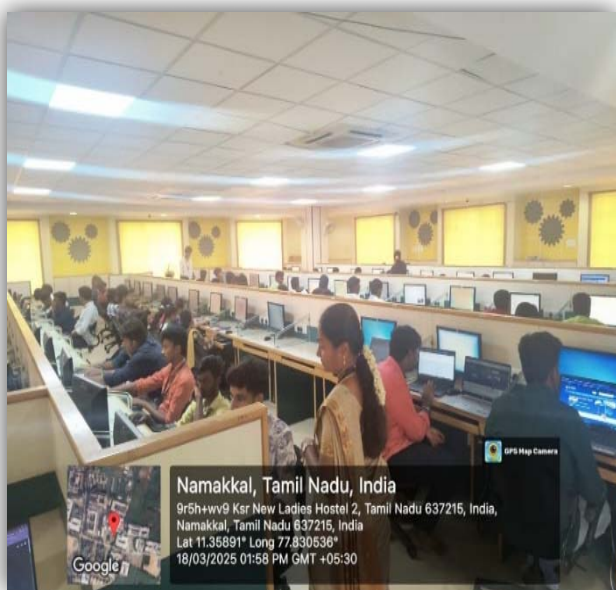
Seminar on "INNOVATION AND START UP" on February 22, 2025

CYBERSECURITY IN REMOTE LEARNING

A seminar on **"Incident Response: Defending Against Cyber Threats in Remote Learning Environment"** was conducted on March 22, 2025, by Dr. Javid Iqbal Thirupattur, Senior Lecturer in Intelligence at Sunway University, Malaysia, and Dr. G. Singaravel, Head of International Relations at KSRCE. The session focused on strategies for mitigating cyber threats in remote learning environments.






HANDS-ON WORKSHOP: GENERATIVE AI



A two-day hands-on workshop on **"Generative AI: Large Language Models in IoT Sectors"** was conducted by the Gen AI Faculty Team on April 7-8, 2025. The workshop provided participants with practical experience in applying generative AI and large language models to IoT applications.

FACULTY RESEARCH PUBLICATIONS

S.No	Publications Details	
1.	Kalyanasundaram, P., Muthusamy, S., Kanakarajan, P., Saravanan, N. (2025). Sensors and Data Driven Approaches in Precision Agriculture: A Comprehensive Review. In: Jana, S., Basu Mallik, B., Sarkar, A., Jana, C. (eds) Applications of Fuzzy Logic in Decision Making and Management Science. Information Systems Engineering and Management, vol 29. Springer, Cham. https://doi.org/10.1007/978-3-031-77719-6_16	
2.	Shanmugapriya, P. Kalyanasundaram, S. Gokul, R. Kaviya, S. Gowri and C. Sudhish, "Automated Intruder Detection and Alert System using CNN-based Facial Recognition for High-Security Rooms," 2025 International Conference on Intelligent Computing and Control Systems (ICICCS), Erode, India, 2025, pp. 1061-1067, doi: 10.1109/ICICCS65191.2025.10985007.	
3.	T. Nandhini, N. Saravanan, P. Kalyanasundaram, S. S. Varshaa, M. A. Lakshmi Vishnu and R. Anuj, "Fraud-Free Employment: Leveraging Gaussian Naive Bayes for Job Validation," 2025 International Conference on Intelligent Computing and Control Systems (ICICCS), Erode, India, 2025, pp. 1081-1086, doi: 10.1109/ICICCS65191.2025.10985664.	
4.	P. Meenakshi Devi, N. Saravanan, P. Kalyanasundaram, R. Maheshwari, R. Vijayaragavan and S. Dharshini, "Early Detection of Plant Stress Using GLCM Feature Extraction and Hybrid Random Forest-Naive Bayes Classifier," 2025 8th International Conference on Trends in Electronics and Informatics (ICOEI), Tirunelveli, India, 2025, pp. 974-980, doi: 10.1109/ICOEI65986.2025.11013748.	
5.	J. K. Kanimozhi, S. Janakrishnamoorthi, P. Kalyanasundaram, P. Anitha, R. Geetha and E. Loganathan, "Accurate Prediction of Pest Information Patterns in Crops Using Machine Learning Algorithms," 2025 8th International Conference on Trends in Electronics and Informatics (ICOEI), Tirunelveli, India, 2025, pp. 1036-1040, doi: 10.1109/ICOEI65986.2025.11013502.	

6.	N. Saravanan, P. Kalyanasundaram, M. Vasanthkumar, R. Vijay, S. Kavinesh and A. Nitheshkumar, "Vision-based Face Recognition using Multi CNN Algorithm for Hospital Staff Management," 2025 8th International Conference on Trends in Electronics and Informatics (ICOEI), Tirunelveli, India, 2025, pp. 245-250, doi: 10.1109/ICOEI65986.2025.11013399.	
7.	N. Prakash, M. Nethaji, P. Kalyanasundaram, P. Anitha, R. Geetha and J. K. Kanimozhi, "Optimized Crop Disease Segmentation with High Accuracy Using Efficient U-Net," 2025 8th International Conference on Trends in Electronics and Informatics (ICOEI), Tirunelveli, India, 2025, pp. 1085-1090, doi: 10.1109/ICOEI65986.2025.11013455.	

STUDENTS PROFESSIONAL ACHIEVEMENTS

The students of our IoT have consistently demonstrated excellence beyond the classroom, achieving remarkable milestones in various professional and academic arenas. Their accomplishments are a testament to their hard work, talent, and the strong support system provided by the faculty and institution.

S. No	Name of the	Year/ Sem	Name of the Events	Organizing Institution /body	Date of events	Award any
1.	Sanjay M	I/II	BIT HACKATHON 2025	Bannari Amman Institute of Technology	07 & 08.03.2025	II PRIZE
2.	Mahbuba Yasmin Laskar	I/II	ALGOMART	KPR Institute of Engg & Technology	14.03.2025	II PRIZE

ACADEMIC TOPPERS

S. No	Name of the student (s)	Year	CGPA
1.	Kameshwaran K	I CSE (IOT)	9.17
2.	Thamizhan. J	II CSE (IOT)	9.0

Outcomes:

- **Academic Excellence:** Several students will secure top ranks in university examinations and competitive tests such as **GATE, NET, GRE, etc.**
- **Internships and Industrial Training:** Students will complete internships and industrial training with reputed organizations, gaining valuable hands-on experience and industry exposure.
- **Research and Publications:** students contribute to research projects and co-authored papers published in national and international journals and conferences, showcasing their research capabilities and innovative thinking.
- **Technical and Business Competitions:** Students will win prizes and recognition in various intercollegiate and national-level competitions including **hackathons, case study challenges, paper presentations, and startup pitches.**
- **Certifications and Skill Development:** A significant number of students have earned professional certifications in areas such as **data science, AI, software development, digital marketing, or other relevant fields,** adding value to their academic profile and employability.

- **Campus Placements:** Students will have successfully placed in renowned companies with competitive packages, reflecting their readiness for the professional world.
- **Leadership and Extracurricular Engagement:** Many students have taken up leadership roles in student bodies, clubs, and organizing committees, displaying strong organizational and interpersonal skills.

These achievements not only reflect the students' dedication and potential but also underscore the institution's commitment to nurturing well-rounded professionals ready to excel in their respective fields.

Editorial Board

Chief Editor: Dr. N. Saravanan, HOD /IOT

Mr. K. Muthukumaran, AP/ IOT

Faculty Members:

Mr. S. Gokul, AP / IoT

Mrs. A. Latha, AP/ Maths

Student's Members:

S. Lakshmanan, II / IoT

S. Pradeep, II / IoT

P. Kishore, I / IoT

S. Divya, I / IoT

