



Learn Beyond

**KPR Institute of
Engineering and
Technology**

(Autonomous, NAAC "A")



**Department of
Computer Science and Engineering**

Accredited by NBA | Permanently Affiliated to Anna
University - Chennai

FUTURISTIX

ACADEMIC YEAR 2024-2025

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JAN-MAR**

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ABOUT THE DEPARTMENT

The Department had a humble beginning, starting with an intake of 60 students in the undergraduate program in Computer Science and Engineering (B.E.) in 2010. The postgraduate program in Computer Science and Engineering (M.E.) was introduced in 2014, initially admitting 18 students. Today, the Department caters to the needs of 720 students. It has been accredited by NBA and recognized as a Research Centre by Anna University, Chennai

In our department, we have 47 highly qualified and dedicated faculty members committed to the upliftment of the student community. The curriculum and syllabus are revised every six months based on feedback from alumni and industry experts. This ensures that the students meet industry expectations for their careers and development. The syllabus, embedded with GATE curriculum, encourages students to clear competitive exams like UPSC (IAS) and GATE. The Department boasts state-of-the-art infrastructure, including laboratories, classrooms, and a seminar hall. It is actively expanding its reach from national to international levels through innovative teaching practices and industry/academic collaborations. Special labs for Mobile App Development, Data Science, Machine Learning, Augmented Reality and Virtual Reality, and Networks and Intelligent Computing have been established to help students excel in an industrial environment. The Department has signed MoUs with and REDHAT, establishing Centers of Excellence. These partnerships provide students with opportunities for international certification courses like RHCSA, BLOCKCHAIN, ORACLE, AI & Machine Learning from Xebia University, and C-DAC CLOUD. To further equip students, the department offers value-added courses in Data Science and Big Data Analytics by Dell EMC2, Oracle, Blockchain, and Java. Beyond academics, the college provides a platform for students to showcase their unique talents through various non-technical clubs like Dance, Humor, Music, Food Photography, Art & Craft, and an Internet Radio Club. Liberal arts courses such as roof gardening and two-wheeler maintenance are also offered by various departments, open to all students.

VISION OF THE DEPARTMENT

To be a premier centre for education, dissemination of knowledge and research in the frontier areas of computer science and engineering to serve the community with moral values.

MISSION OF THE DEPARTMENT

- **Provide holistic education incorporating the state-of-the-art technologies to produce successful professionals.**
- **Facilitate the students to pursue higher education and research in the areas related to Computer Science and Engineering.**
- **Promote strong collaborations with the industries and steer the students to nurture their interest in continuous learning to meet the changing needs of the society.**

LEADING WITH VISION

From the HOD's Desk

It gives me immense pleasure to present this edition of the Computer Science department's newsletter Futuristix, which serves as a window for the dynamic activities and achievements of the faculty members and students at KPR Institute of Engineering and Technology. The field of Computer Science continues to evolve at an unprecedented pace and our department is committed to equip the students with the skills and knowledge required to thrive in this ever-changing environment. From cutting-edge research projects to impactful community engagements, the initiatives showcased in this issue highlight our department's focus on fostering innovation, problem-solving and collaboration. As we continue to adapt to the demands of the industry, I encourage our students to remain curious, embrace new challenges and contribute to shaping the future of technology. I extend my sincere appreciation to the editorial team for their efforts in bringing this edition to life.



Dr. Devi Priya R
Professor & Head

EMBRACING FRESH FACES

Welcoming our new faculty members

As we embark on another exciting chapter in our academic journey, we are thrilled to extend a warm welcome to our newest faculty members. Each fresh face brings with them a wealth of knowledge, passion, and innovative perspectives that enrich our learning community.

Our commitment to fostering a dynamic and supportive environment is strengthened by the addition of these talented individuals. With their diverse backgrounds and expertise, they will undoubtedly inspire and challenge our students to reach new heights of academic excellence.

As they settle into their roles, we encourage our new faculty members to embrace collaboration, explore new ideas, and engage with our vibrant community. Together, we will continue to push the boundaries of knowledge and make a positive impact on the world around us.

To our new faculty members: welcome aboard! We look forward to the contributions you will make and the transformative experiences you will help create for our students. Here's to a bright future filled with endless possibilities.



Mrs.M.Suganya



Mr.Santu Sahoo

FACULTY ACHIEVEMENTS

Faculty Publications

Sr.No.	TITLE OF PAPER	AUTHORS	MONTH	INDEXING SCOPUS/SCI /Conference Publication
1	Machine learning algorithms based approach on prediction of mechanical behaviour of PLA/brass composites manufactured by additive manufacturing	Nisha Soms, K Ravi Kumar and M Naveen Kumar	January 2025	SCIE
2	Innovative Deep Learning Framework for Accurate Plant Disease Detection and Crop Productivity Enhancement	Mohan M, S.ANANDAMURUGA N	30 January 2025	SCIE

Sr.No.	TITLE OF PAPER	AUTHORS	MONTH	INDEXING SCOPUS/SCI /Conference Publication
3	A Novel Encoder Decoder Architecture with Vision Transformer for Medical Image Segmentation	Saroj Bala, Kumud Arora, Jeevitha R , Rini Chowdhury Prashant Kumar, C.Shobana Nageswari	January 2025	SCOPUS
4	Artificial Intelligence (AI) Driven Mental Health Management System Integrating CNN and LSTM Algorithms with Wearable Technology for Real-Time Emotional Monitoring	K Mouthami , A.Ahamed Thaiyub	Feb 2025	SCOPUS
5	Interactive Brain Edema Tumor Segmentation In Different Modality Images With A Combined Novel Neural Network	A. Dennis Ananth, I.Kala, M. Rajesh Babu, S. Uma, T. Primya , R. Ajith	Mar 2025	SCOPUS

Sr.No.	TITLE OF PAPER	AUTHORS	MONTH	INDEXING SCOPUS/SCI /Conference Publication
6	TwoFish- Integrated Blockchain for Secure and optimized Healthcare Data Processing in IoT-Edge-Cloud System	Geetha S K , Manoj Kumar S	March 2025	SCI
7	Generative Adversarial Networks for Synthetic Data Generation in Privacy- Preseving Health Informatics	Vineet Kumar, Hassan Safi Ahmed, M Shailaja. B Karthikeyan Malik Bader Alazzam, R Saravanakumar	Feb 2025	Scopus
8	Monkeypox Disease Classification from Skin Lesion Images using Deep Convolution Neural Network	R Thangaraj, B Vadivel, S Sadesh, S Manoj Kumar	Feb 2025	Scopus

PUBLICATION IN BOOK CHAPTER

S.No	Title of the paper	Name of the Authors & Affiliation as per the order in paper	Month & Year of Publication	Indexed In Scopus/ WoS
1	The future of quantum computing in healthcare	R.M. Tharsanee, B. Vishnuupriya , C. Anand Deva Durai	Febraury 2025	Scopus
2	Cloud computing and virtualization	Prof. Khallikkunaisa, Dr.L.Aruna, Mrs. Madhavi Karumudi, Prof. B. Karthikeyan	Mar 2025	Scopus
3	Quantum Computing and Machine Learning for Advanced Cybersecurity Solutions	S. Deepajothi , C. Senthil Selvi , P. Shanmugaraja, B. Karthikeyan	2025	Scopus
4	Revolutionizing e-commerce security with blockchain: Cutting-edge solutions for enhanced trust and safety	S.K. Geetha , K. Aarthi, R. Roopa, R. Guhasaravanan, T. Gopiananthan, V. Dhayananth	2025	Scopus

GATHERINGS THAT INSPIRE!

Our Events Organized

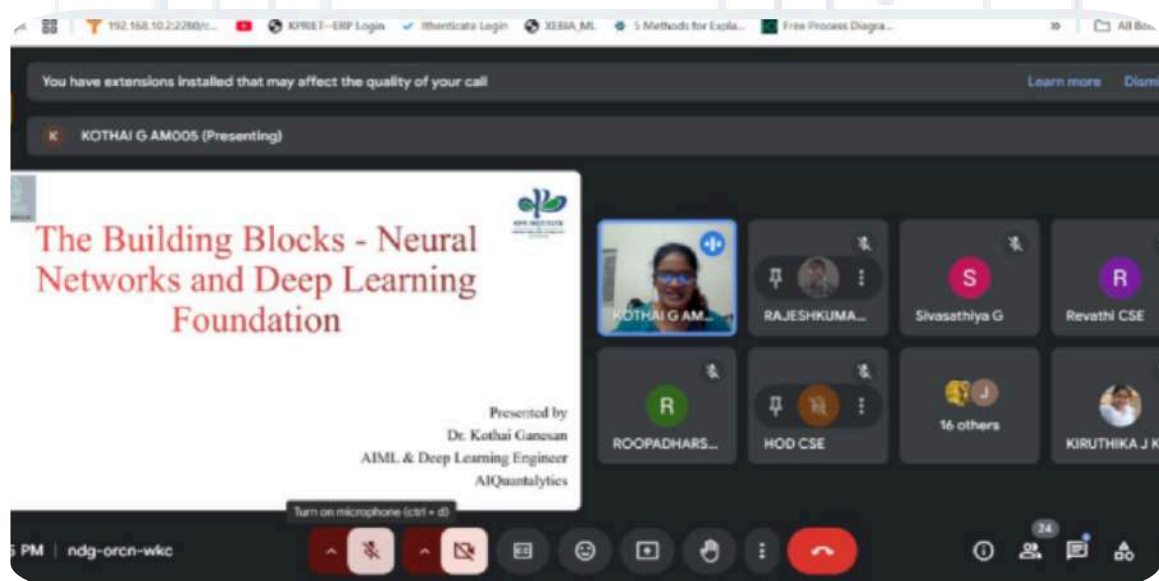
5 DAYS INTERNATIONAL STTP PROGRAM TITLED "THEORY TO INNOVATION: EXPLORING GEN AI APPLICATIONS"

Summary:

20.01.2025 to 24.01.2025

The Department of Computer Science and Engineering at KPR Institute of Engineering and Technology organized the 5-day evening STTP on AI brought together faculty members, research scholars, industry professionals, and students from multiple countries. With 27 attendees representing 3 countries, the program featured expert sessions, panel discussions, and hands-on workshops on cutting-edge topics such as Generative AI, AI in Healthcare, Explainable AI, AI for Smart Cities, AI Ethics, and Industry 4.0 applications. Interactive Q&A sessions and hands-on demonstrations on AI tools and platforms provided participants with practical knowledge of next-gen AI applications and frameworks.

The event fostered global networking and collaboration between academia and industry professionals, improving understanding of AI integration in real-world sectors like healthcare, finance, and urban planning. Participants received certificates, access to session recordings, and learning materials. The program sparked interest in AI research and innovation, encouraging participants to explore interdisciplinary AI projects. By showcasing case studies and AI projects, the STTP equipped attendees with the knowledge and tools to leverage AI technologies effectively, setting the stage for future innovation and collaboration. Overall, the event was a valuable experience for those looking to harness the power of AI.



STARTUPS TO SCALEUPS: NAVIGATING THE GROWTH JOURNEY

Summary:

29.01.2025

The Department of Computer Science of KPRIET organized the Industry Experts Discussion on "Startup to Scaleups: Navigating the Growth Journey" was successfully held on January 29, 2025, at KPRIET's CSE Board Room. The event featured Dr. Pravin Thangavelu (Executive Officer, RSP Science Hub), Mr. Vikram Aruchamy (Founder, ThinksoLv Technologies), and Mr. Yugender Subramanian (Co-Founder, Gravity AI). The discussion covered essential aspects of startup ecosystems, scaling strategies, funding options, and the role of AI in business growth. Panelists shared insights on market research, incubators, and investor expectations, emphasizing resilience and adaptability in entrepreneurship.

The Q&A session was highly interactive, with students asking about validating startup ideas, building tech teams, and AI-driven decision-making. The event had a significant impact, inspiring students to explore startup opportunities and faculty to integrate entrepreneurial learning into academics. Industry experts also expressed interest in mentoring students and offering internships. Future collaborations may include industry-led research projects and stronger incubation support.

KPR Institute of Engineering and Technology
Learn Beyond (Autonomous, NAAC "A")

Department of Computer Science and Engineering

Industry Experts Discussion on
Startup to Scaleups: Navigating the Growth Journey

Panel Experts

Dr. Pravin Thangavelu
Executive Officer
RSP Science Hub
Coimbatore

Mr. Vikram Aruchamy
Founder
ThinksoLv technologies
Coimbatore

Mr. Yugender Subramanian
Co-Founder
Gravity AI
Coimbatore

29.01.2025 | 02.00 PM to 04.00 PM | Venue: CSE Board Room

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KPRIET supports the Sustainable Development Goals

INNOVATIVE EXTENSION ACTIVITY TO PROMOTE ACCESSIBILITY

Summary:

30.01.2025

- **Empowerment and Motivation** – The event will provide a platform for differently-abled individuals to engage in inspiring and interactive activities, boosting their confidence and self-esteem.
- **Promotion of Inclusivity** – By hosting this event, KPR Campus will reinforce its commitment to inclusivity and equal opportunities for all, fostering a sense of belonging among the participants.
- **Community Engagement and Awareness** – The event will enhance awareness among students and faculty about the challenges faced by differently-abled individuals, encouraging empathy and proactive support.
- **Skill Development and Interaction** – Through various activities, participants will have the opportunity to learn new skills, engage in social interactions, and build valuable connections within the community.
- **Support and Well-being** – Providing transportation, refreshments, and meals will ensure a comfortable and enjoyable experience for the attendees, demonstrating our commitment to their well-being.
- **Strengthening Institutional Social Responsibility (ISR)** – This initiative will enhance the social responsibility efforts of the IEEE CS Chapter and KPR Campus, setting an example for future community-focused events.
- **Positive Impact on Participants** – The event aims to leave a lasting impact on the participants, instilling hope, encouragement, and a sense of achievement.
- **Sustainable Initiatives** – This event can serve as a stepping stone for more such inclusive programs, encouraging long-term engagement and support for differently-abled individuals in the community.



A NATIONAL LEVEL INTER COLLEGE SYMPOSIUM - NETRIX'25

Summary:

07.02.2025

The National Level Symposium "NETRIX'25" organized by the Department of Computer Science and Engineering, was a grand success, attracting over 350 students from multiple institutions. The event created a platform for young minds to engage in technical learning, competition, and innovation. The symposium featured an inaugural ceremony with a keynote address by a distinguished guest, a hands-on workshop on emerging technology trends, and technical events including paper presentations and a coding contest.

The events provided participants with practical insights, enhanced technical knowledge and skills, and recognition of student talent through awards and certificates. The symposium strengthened inter-college relations and fostered collaborative learning among participants. Attendees praised the organization, content, and interactive nature of the event. By fostering a spirit of innovation and healthy competition, the symposium met its objectives, providing an enriching experience for participants and organizers alike. The event successfully encouraged students to showcase their skills, and its positive impact was evident in the feedback received. Overall, the symposium was a valuable experience for the students, promoting technical growth and collaboration.



NATIONAL LEVEL WORKSHOP ON" AUGMATED AND VIRTUAL REALITY: CREATING IMMERSIVE EXPERIENCES FOR BEGINNERS"

Summary:

07.02.2025

The Two-Day National Level Workshop on Augmented and Virtual Reality was a resounding success, held at the HPC lab. The workshop aimed to equip participants with a comprehensive understanding of AR and VR technologies, their applications, and hands-on experience in creating immersive experiences. Through interactive sessions and hands-on training with "utility tools," participants gained practical experience in AR/VR development. The workshop discussed the latest trends, challenges, and applications in the AR/VR industry, providing valuable insights into this rapidly evolving field.

By introducing participants to AR and VR fundamentals, the workshop laid the groundwork for further exploration and innovation. Overall, the event was an enriching experience for participants, offering a unique opportunity to engage with AR/VR technologies and network with like-minded individuals.



ROAD SAFETY AWARENESS RALLY

Summary:

08.02.2025

A road safety awareness event successfully educated participants on traffic rules, signals, and responsible driving and pedestrian behavior. The event fostered community engagement, encouraging collective responsibility for road safety among local residents, students, and authorities. Attendees were inspired to adopt safer practices, such as wearing helmets and seat belts. Students played a key role in spreading awareness, becoming road safety ambassadors in their communities. Authorities praised the initiative and expressed interest in supporting future programs, paving the way for continued collaboration and promotion of road safety. The event had a positive impact on behavioral change and community involvement.



NAAN MUDHALVAN FDP ON MERNSTACK

Summary:

13.02.2025 to 19.02.2025

The Naan Mudhalvan Faculty Development Program (FDP) on MERN Stack empowered faculty members with the knowledge to train students in modern web development. The program explored research opportunities in web technologies, enabling faculty to stay updated on industry trends. By equipping educators with MERN Stack skills, the FDP aimed to enhance student employability and foster innovation in web development. The program's focus on research opportunities also encouraged faculty to explore new areas, ultimately benefiting students and the academic community. This initiative strengthened faculty capabilities, promoting excellence in web development education and research.

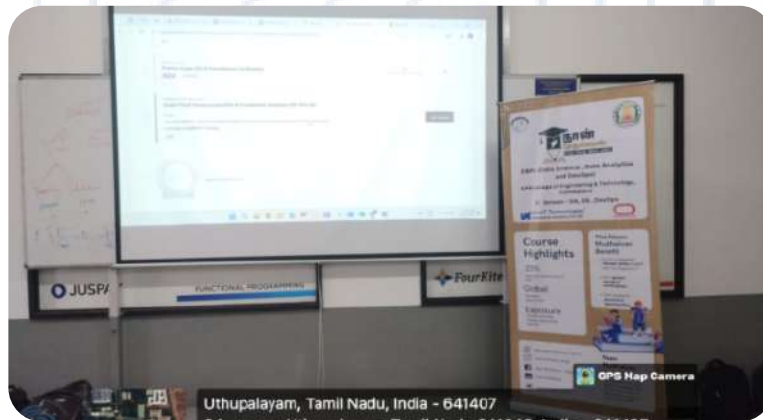


Naan Mudhalvan FDP on EBPL

Summary:

13.02.2025 to 19.02.2025

The Naan Mudhalvan Faculty Development Program (FDP) on Experience-Based Problem Learning (EBPL) equipped faculty with the fundamentals of EBPL and its application in Data Science. The program explored how EBPL enhances problem-solving skills through real-world case studies, enabling faculty to effectively train students. By grasping EBPL's practical approach, educators can foster critical thinking and analytical skills in students. This FDP empowered faculty to create engaging learning experiences, bridging the gap between theoretical knowledge and industry applications in Data Science. The program's focus on EBPL's experiential learning approach promotes hands-on problem-solving skills development.



INTEGRATING MRI AND AI: TOWARDS PERSONALIZED MEDICINE IN NEUROLOGY

Summary:

21-02-2025

The workshop featured insightful technical sessions led by esteemed experts in the field. Prof. Daniel Einarson from Kristianstad University, Sweden, delivered the keynote address, highlighting the transformative role of AI and MRI in revolutionizing neurological healthcare. Dr. R. Ramya, a neurologist, discussed the early diagnosis of neurological diseases using AI-integrated MRI, while Prof. Devipriya R. elaborated on current trends and future possibilities in AI-driven personalized neurology. Hands-on training sessions, including one by Dr. E. Malar Mathimurugan from PSG Institute of Technology and Applied Research, provided participants with practical exposure to neural networks in medical image analysis.

The workshop concluded with a valedictory ceremony, where participants expressed appreciation for the in-depth technical sessions and hands-on learning experience. Certificates were distributed, and the event was widely praised for its seamless organization, expert speakers, and comprehensive coverage of AI-MRI integration. Special recognition was given to the organizing team, including Naveenkumar M, Dr. Kandasamy Sellamuthu, supporting staff, and student volunteers, whose dedication ensured the event's success.



SMART CHOICES, SAFE LIVES: A HOLISTIC AWARENESS PROGRAM

Summary:

26.02.2025

- 1. Enhanced Awareness Among Students – Around 200 students will gain valuable knowledge about road safety, drug awareness, the importance of a plastic-free environment, and organ donation.
- 2. Behavioral Impact – The students may adopt safer and more responsible habits, such as following traffic rules, avoiding drug use, reducing plastic waste, and considering organ donation in the future.
- 3. Community Engagement – The interactive sessions conducted by the visiting team will encourage students to actively participate in social causes and spread awareness among their families and peers.
- 4. School Collaboration & Future Initiatives – The successful execution of this event may encourage the school to collaborate on similar awareness programs in the future, fostering long-term educational and social benefits.
- 5. Positive Institutional Contribution – The organizing team (two staff members and four students) will have the opportunity to contribute meaningfully to society, strengthening their leadership and communication skills while fulfilling their institutional social responsibility (ISR).



IEEE - FLAME - SESSION 4

Summary:

28.02.2025

This session, "FLAME - Future Leaders in Automotive & Manufacturing Engineering (Session 4)," provided participants with valuable insights into systems engineering for EV design and the application of design thinking in innovation. Through the expertise shared by Mr. R.Vijayalan and Mr. Lokesh Venkataswamy, attendees gained a deeper understanding of modern engineering challenges and innovative strategies, equipping them with skills for their future careers in the automotive and manufacturing industries.



ONE CREDIT COURSE - DATA ENGINEERING WITH PYSPARK

Summary:

07.03.2025 and 08.03.2025

Hands-on experience was gained in handling large datasets using PySpark, including loading, transforming, and analyzing data. Key skills practiced included SQL operations on DataFrames, data cleaning, filtering, and aggregation techniques, providing a solid foundation in big data processing and analysis with PySpark's powerful capabilities.



EXPERT TALK ON "GOVERNMENT CAREERS UNVEILED: A PROFESSIONAL GUIDE TO COMPETITIVE EXAMS

Summary:

07.03.2025

This event appears to be a workshop aimed at providing guidance and information about government career opportunities and the process of preparing for competitive exams. The speaker, Mr.S.Slewa Shankar, Deputy State Tax Officer, suggests a focus on careers within the Indian government, particularly in the realm of state tax administration



IEEE SPONSORED CS JUNIORS PROGRAM - MOTIVATE AND ELEVATE

Summary:

13.03.2025 and 14.03.2025

The Cyber Security Awareness Program was conducted to educate school students on safe online practices, cyber threats, and responsible digital behavior. By fostering a culture of cyber awareness, students are better equipped to protect themselves and contribute to a safer digital environment.



AUGMENTED AND VIRTUAL REALITY WORKSHOP

Summary:

14.03.2025

The workshop successfully introduced participants to the fundamentals of Augmented and Virtual Reality (AR/VR) technologies. It provided valuable hands-on experience in AR/VR development using essential utility tools and facilitated discussions on the latest industry trends, challenges, and practical applications of these immersive technologies.



FOLLOW SIGNALS, SAVE LIVES OBEY TRAFFIC RULES

Summary:

19.03.2025

The road safety program significantly enhanced students' awareness of traffic rules, pedestrian safety, and responsible road behavior. It led to noticeable improvements, such as increased use of pedestrian crossings, helmet usage while cycling, and adherence to traffic signals. Parents also became more cautious, contributing to safer school transportation. As a result, there was a reduction in road-related incidents involving students. The program also equipped students with essential first aid knowledge and emergency response skills. Through interactive sessions, quizzes, and role-playing activities, learning was made engaging and effective, creating a positive ripple effect as students influenced their peers, families, and the broader community to adopt safer road habits.



SAY NO DRUG : CHOOSE HEALTH CHOOSE LIFE

IEEE CS SPONSORED EVENT

Summary:

19.03.2025

An impactful awareness programme titled "Say No to Drugs" was successfully organized at Government Higher Secondary School, Vaharayam Palayam, with the objective of educating students about the harmful effects of drug abuse and promoting healthy lifestyle choices. The session, attended by around 120 enthusiastic students, featured an insightful talk by Prof. Premkumar, Assistant Professor, Department of Computer Science and Engineering, KPR Institute of Engineering and Technology. Prof. Premkumar elaborated on the physical, mental, and social consequences of drug abuse, emphasizing the importance of making informed decisions and adopting practical strategies to resist peer pressure. The session was highly interactive, encouraging students to actively participate and pose thoughtful questions. The programme effectively raised awareness and empowered students to make positive life choices. Students expressed heartfelt gratitude for the informative session, while school authorities appreciated the initiative taken by KPR Institute of Engineering and Technology. The Department of Computer Science and Engineering reaffirms its commitment to organizing similar social responsibility initiatives aimed at fostering a healthier, drug-free future.



IEEE - FUTURE LEADER IN AUTOMOTIVE AND MANUFACTURING ENGINEERING

Summary:

28.03.2025

- Gained understanding of AI-as-a-Service (AlaaS) and its cloud-based benefits.
- Explored how AlaaS enables wider adoption of AI across industries.
- Discussed AlaaS applications in healthcare, finance, retail, manufacturing, education, and cybersecurity.
- Introduced TRIZ (Theory of Inventive Problem Solving) as a structured innovation tool.
- Learned how TRIZ differs from traditional methods and supports strategic problem-solving.
- Examined TRIZ principles for resolving contradictions and forecasting technological evolution.



DESIGN THINKING

Summary:

05.02.2025

- Design Thinking is a problem-solving approach that focuses on understanding user needs, generating creative ideas, and testing solutions through iteration and prototyping. It is widely used in innovation, product development, and business strategy to create human-centered solutions for complex problems.
- On Day 1, teams were formed under the guidance of faculty members including Dr. Dhakshinamoorthy Thavamani, Madam Jagadeswari, Prof. Elakiya, Madam Indumathi, Prof. Suresh, Prof. Aswin, and Prof. Samuel Morris. Each team had a unique name and theme; my team, "DATA DADA," represented the power of data. The sessions focused on various types of thinking such as analytical, creative, critical, divergent, convergent, and metacognitive thinking, along with Audio, Visual, and Kinaesthetic learning approaches. We also explored Rebus Puzzles as a fun way to encourage creative and out-of-the-box thinking.
- On Day 2, we learned the five-step Design Thinking process: Empathize, Define, Ideate, Prototype, and Test. Our problem statement was "Excessive mobile phone usage by students in the classroom environment." We used the User Persona and Empathy Map approach, focusing on what users say, think, feel, and do, which helped us understand the problem deeply and frame effective solutions.
- On Day 3, we applied the Ideate, Prototype, and Test stages to develop and validate solutions. The ideation process considered Desirability, Viability, and Feasibility, ensuring that the solutions were practical, innovative, and implementable. Overall, the workshop provided valuable exposure, strengthened teamwork, and enhanced critical and creative thinking skills.



INTEGRATING MRI AND AI: TOWARDS PERSONALIZED MEDICINE IN NEUROLOGY

Summary:

21.02.2025

The workshop featured insightful technical sessions led by esteemed experts in the field. Prof. Daniel Einarson from Kristianstad University, Sweden, delivered the keynote address, highlighting the transformative role of AI and MRI in revolutionizing neurological healthcare. Dr. R. Ramya, a neurologist, discussed the early diagnosis of neurological diseases using AI-integrated MRI, while Prof. Devipriya R. elaborated on current trends and future possibilities in AI-driven personalized neurology. Hands-on training sessions, including one by Dr. E. Malar Mathimurugan from PSG Institute of Technology and Applied Research, provided participants with practical exposure to neural networks in medical image analysis. The workshop concluded with a valedictory ceremony, where participants expressed appreciation for the in-depth technical sessions and hands-on learning experience. Certificates were distributed, and the event was widely praised for its seamless organization, expert speakers, and comprehensive coverage of AI-MRI integration. Special recognition was given to the organizing team, including Naveenkumar M, Dr. Kandasamy Sellamuthu, supporting staff, and student volunteers, whose dedication ensured the event's success.



COMPUTER BRAIN INTERFACE AND CYBER SECURITY

Summary:

06.03.2025

The Department of Computer Science organized an Institute-level Guest Lecture titled "Computer Brain Interface and Cyber Security" on 06.03.2025 from 10:00 AM to 01:30 PM in Off-Campus mode at RVS Polytechnic College. The program covered four subject hours and included the participation of 2 industry experts, 6 external faculty members, 50 external students, and 5 other participants. The session focused on emerging concepts in brain-computer interfaces and cyber security, highlighting their applications, challenges, and future scope. The event enhanced participants' awareness of advanced technologies and security practices, aligning with SDG 4: Quality Education by promoting quality technical learning and knowledge sharing

CAREER DEVELOPMENT PROGRAMME ON "ADAPTING TO TECHNOLOGICAL DISRUPTIONS: SKILLS NEEDED FOR FUTURE JOBS"

Summary:

06.03.2025

The Department of Computer Science, in association with the Departments of Electrical Engineering (EE) and IQAC, organized an Inter-School ISR Activity titled "Career Development Programme on Adapting to Technological Disruptions: Skills Needed for Future Jobs" on 22.02.2025 from 09:00 AM to 04:00 PM in Off-Campus mode. The program was conducted for teaching faculty and witnessed the participation of 30 external students. The session focused on emerging technological trends, future skill requirements, and strategies for adapting to rapid technological changes. The programme contributed to enhancing awareness about career readiness and continuous skill development, aligning with SDG 4: Quality Education by promoting quality education and lifelong learning



POSTER PRESENTATION

Summary:

15.03.2025

The Department of Computer Science organized an Inter-College Poster Presentation on 15.03.2025 from 09:00 AM to 01:00 PM in On-Campus mode at the LIS Lab and Classroom. The event was conducted for students and covered four subject hours. The program witnessed the participation of 10 industry experts, 10 external faculty members, and 10 external students, promoting academic interaction and knowledge exchange. The poster presentation provided a platform for students to showcase their ideas, improve research communication skills, and engage in technical discussions. The event contributed to enhancing creativity, presentation skills, and academic exposure, aligning with SDG 4: Quality Education by promoting quality learning and scholarly activities.

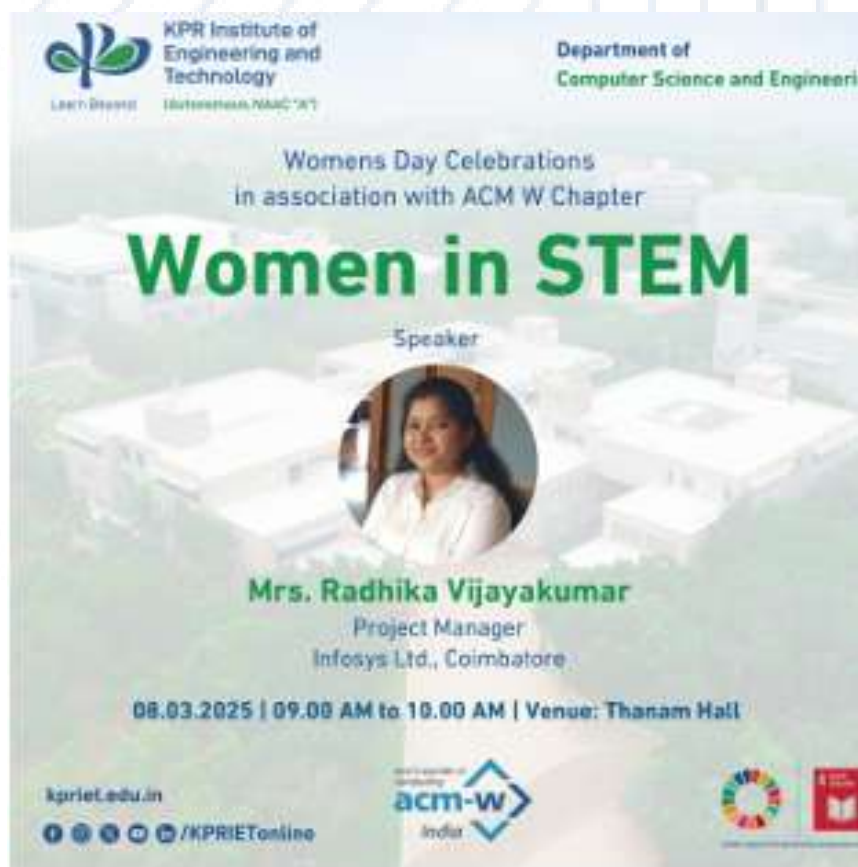


WOMENS DAY CELEBRATION

Summary:

08.03.2025

The KPRIET ACM-W (Association for Computing Machinery – Women) Chapter proudly announces its inauguration, coinciding with the International Women's Day Celebration, to honor and empower women in STEM (Science, Technology, Engineering, and Mathematics). This event serves as a platform to recognize the contributions of women in technology, promote gender inclusivity, and inspire future innovators. The inauguration will feature distinguished speakers, panel discussions on Women in STEM, and interactive sessions highlighting the impact of diversity in technology and leadership.



HACKATHON

Summary:

27.02.2025

The 24-Hour Hackathon at KPRIET, organized by the Department of Computer Science and Engineering (CSE), is an intense, high-energy coding marathon designed to challenge participants' creativity, problem-solving abilities, and technical skills. Over the course of 24 continuous hours, teams of developers, innovators, and tech enthusiasts will collaborate to design and develop cutting-edge solutions to real-world challenges in domains such as Artificial Intelligence, Blockchain, IoT, Cybersecurity, and more. Guided by industry experts and mentors, participants will brainstorm, prototype, and refine their ideas before pitching their solutions to a panel of judges. The event fosters an environment of innovation, teamwork, and rapid learning, offering students a platform to showcase their talent, network with professionals, and gain hands-on experience in technology development. With exciting prizes, career opportunities, and industry recognition, this hackathon promises to be an unforgettable journey of learning, innovation, and transformation for all participants.



TECHNICAL FEST

Summary:

28.02.2025

The Department of Computer Science and Engineering (CSE) at KPRIET, in association with VYNTRA - The CSE Student Association, proudly presents VYNFEST, a premier technical symposium designed to ignite innovation, foster collaboration, and showcase technical prowess among students. This event serves as a platform for aspiring technologists, developers, and researchers to engage in cutting-edge discussions, hands-on competitions, and knowledge-sharing sessions. VYNFEST features a wide range of technical events, coding challenges, hackathons, paper presentations, and workshops covering domains like Artificial Intelligence, Cybersecurity, Blockchain, Cloud Computing, and IoT. Participants will have the opportunity to compete, learn, and network with industry experts, academicians, and fellow enthusiasts. The symposium also includes guest lectures, expert panel discussions, and interactive sessions aimed at bridging the gap between academia and industry. With its emphasis on creativity, problem-solving, and technological advancement, VYNFEST is more than just a symposium—it is an experience that inspires the next generation of innovators and engineers. Join us in this celebration of technology, knowledge, and collaboration as we explore, innovate, and redefine the future of computing!



WOMEN IN STEM

Summary:

08.03.2025

The Department of Computer Science organized a Department-level Association Activity titled "Women in STEM" on 08.03.2025 from 10:00 AM to 11:00 AM in On-Campus mode at Thanam Hall for students. The program covered four subject hours and focused on encouraging and motivating students, especially young women, to pursue careers in science, technology, engineering, and mathematics. The session highlighted the importance of gender equality in technical fields and showcased opportunities, challenges, and success stories in STEM careers. A total of 60 participants attended the program. The event directly supported SDG 5 (Gender Equality) by promoting awareness, inclusivity, and equal opportunities in technical education and professional growth.

FORGING YOUR PATH IN TECH INDUSTRY

Summary:

22.02.2025

The Department of Computer Science organized a Department-level Alumni Activity titled "Forging Your Path in the Tech Industry" on 22.02.2025 from 01:30 PM to 03:00 PM in On-Campus mode for students. The session was conducted during Hour 5, Hour 6, and Hour 7 and focused on guiding students about career pathways in the technology sector, industry expectations, skill development, and real-world challenges faced by professionals. The alumni speaker shared practical insights, career strategies, and motivation to help students prepare for future job roles and professional growth. A total of 70 participants attended the program. The event was aligned with SDG 4 (Quality Education) by enhancing students' career awareness, employability skills, and lifelong learning orientation.

FIESTAA '25

Summary:

14.03.2025

FIESTA '25 is a vibrant and engaging association activity hosted by the Department of Computer Science and Engineering, aimed at fostering technical excellence, creativity, and collaboration among students. The event features a dynamic lineup of competitions, workshops, tech talks, and fun-filled games that provide a platform for students to showcase their talents beyond academics. Highlights include coding contests, project expos, quiz bowls, and interactive sessions on emerging technologies such as AI, cybersecurity, and blockchain.

Encouraged active student participation and enhanced collaboration through technical and non-technical activities. Improved students' practical knowledge and awareness of emerging technologies like AI, cybersecurity, and blockchain. Provided a platform for students to showcase their coding, problem-solving, and project presentation skills. Boosted students' confidence, communication, and leadership abilities through event coordination and team-based contests. Strengthened departmental unity and created a positive, engaging academic atmosphere through fun and learning.



The poster for FIESTAA '25 is a vibrant blue and yellow design. At the top left is the KPR Institute of Engineering and Technology logo. The top right corner displays the date 'MARCH 14 15 2025'. The central text reads 'DEPARTMENT OF COMPUTER SCIENCE ENGINEERING'. The event is divided into two days. Day 1 activities include Paper Presentation, Codeathon, Workshop (AI & VR, Mastering Data Science), InnoFest, Quiz, and Bug Smash Contest. Day 2 activities include Workshop (Networking with Gatsby, Cybersecurity essentials), Poster Design, Tech Treasure, and Technical Connections. At the bottom, contact information for enquiries is provided, along with the registration fee of ₹500 for 2 days and a QR code to register.

KPR Institute of Engineering and Technology
(Autonomous, NAAC 'A')

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

MARCH 14 15 2025

DAY 1

- PAPER PRESENTATION**
Summarize and present key insights from a research paper with clarity and impact.
- CODEATHON**
Coding contest tests problem-solving and teamwork skills.
- WORKSHOP**
1. AI & VR: Creating immersive application
2. Mastering Data Science
- INNOFEST**
InnoFest showcases innovation through projects and collaboration.
- QUIZ**
A competitive event testing technology and engineering knowledge for prizes.
- BUG SMASH CONTEST**
Identify and fix errors using your skills in Bug Smash Contest.

DAY 2

- WORKSHOP**
1. Networking with Gatsby
2. Cybersecurity essentials
- POSTER DESIGN**
Showcase your creativity and artistic expression in the Poster Making Competition.
- TECH TREASURE**
Tech Treasure game requires solving technical puzzles for advancement.
- TECHNICAL CONNECTIONS**
Technical event testing skills via coding and teamwork challenges.

FIESTAA '25
The celebration

For Enquiries:
+91 99972 43619
+91 97903 17406

REGISTRATION FEE
₹ 500
FOR 2 DAYS

REGISTER HERE !!

www.tedup.com KPRiETonline

CHEERS TO SUCCESS

Congrats to our Placed Stars!

S.No	Student Name	Year with Section	Company Name	Package
1	AISHWARYA S	CSEA	ABB	10
2	AKSHAYA U S	CSE A	ABB	10
3	ANUSHREE K	CSE A	KONE	4.5
4	BALA ABIRAMI M	CSE A	ABB	10
5	BHARATH M	CSE A	Learnflu	4
6	CHANDRAPRAKASH A	CSE A	ABB	10
7	DAKSHIN K	CSE A	ABB	10
8	DEVESHRAAJ R R	CSE A	Qspider	4
9	DINESH BABU J	CSE A	Quinbay	8
10	GAAYATHRI K R	CSE A	Cognizant	8
11	GOKULAKRISHNA B S	CSE A	Learnflu	4

S.No	Student Name	Year with Section	Company Name	Package
12	HARI PRIYANKAA R	CSE A	KONE	4.5
13	M HARINI	CSE A	Neuralgo	7.5
14	HARISH R	CSE A	Integrate	12
15	HARSHINI S	CSE A	ABB	10
16	JEEVANANTHAM S	CSE B	BSH IT	6.5
17	JEEVITHA U	CSE B	BSH IT	6.5
18	JITHESH MD	CSE B	Hexaware PGET	6
19	KANIKA. S	CSE B	Neuralgo	7.5
20	KARNESHKUMAR S	CSE B	Learnflu	4
21	KAVIYAPRIYA V K	CSE B	Neuralgo	7.5
22	KAVYA SRI B	CSE B	KONE	4.5
23	KEVIN SAMUEL C	CSE B	Hexaware	4.5

S.No	Student Name	Year with Section	Company Name	Package
24	KIRAN P	CSE B	Quinbay	8
25	KIRITHIKA R	CSE B	KONE	4.5
26	KISHORE RAM B	CSE B	Turing AI	7
27	KUMARAVEL.M	CSE B	VTiger	4
28	MADHUMITHA M	CSE B	Deloitte	4
29	MONISHA CHITHARTHANA S	CSE B	KONE	4.5
30	NIMRITHA N N	CSE B	KONE	4.5
31	NIRUBA S	CSE B	Neuralgo	7.5
32	PRABAKARAN R	CSE B	BSH IT	6.5
33	PRANESH R	CSE B	Hexaware PGET	6
34	PRAVEEN SAMUEL PM	CSE B	BSH IT	6.5
35	GOWTHAM R	CSE B	HashedIn Deloitte	4
36	JAIWANTH B	CSE B	Learnflu	4

FROM INTERN TO PRO

Celebrating Student Success!

In our ongoing commitment to celebrating student achievements, we take pride in showcasing the inspiring journey of our interns who have successfully transitioned into professionals within our department. This report presents the total number of students who have completed their internships in each section, reflecting their growth, accomplishments, and contributions. It stands as a testament to their dedication, perseverance, and pursuit of excellence.

Section	Total Number of Students	Internship finished 2/4 weeks
A	78	53
B	78	56
Total	156	109

STUDENT EXCELLENCE BEYOND THE NORM

Mr. V. Naresh of II Year Computer Science secured the Third Prize in the National-level Brilliant Bharath Hackathon organized by IGCAR Arivial Sangam in March 2025.

Congratulations from honorable Chairman, Secretary, Principal, HoD and Chief Mentor.



Pranav V M (II CSE B), Madhesh K (II CSE B), Dharneesh (II CSE A), and Gohul (II CSE A) secured first place in the Code Hunt competition at Astranova'25, held on March 1, 2025, at Coimbatore Institute of Technology.



STUDENT EXCELLENCE BEYOND THE NORM

II CSE B students Navaneethakrishnan M V and Madhesh K won the 1st Prize in the Java League, receiving a cash prize of ₹2000 at Sri Eshwar college



Balasivakannan P. achieved a remarkable victory in the Robo Race held at IIT Hyderabad, March 2025



STUDENT EXCELLENCE BEYOND THE NORM

Mr. Arun Kumar K achieved 2nd place in the Paper Presentation event conducted at Kongu Engineering College, March 2025



Mr. Arul M achieved the 1st prize in Paper Presentation held at Kalaingar Karunanidhi Institute of Technology, March 2025



STUDENT EXCELLENCE BEYOND THE NORM

Harini M. and Akalya S. claimed the 1st prize in the Non-Technical Event held at Dr. NGP Institute of Technology in March 2025



Proud moment! Our kabaddi team has achieved second place in the prestigious Thiran Trophy hosted by Sri Eshwar College on 15-02-2025.



ASSOCIATION EVENTS

TEAMEERGY'25

Summary

10.03.2025

A total of 80+ employees participated in the group activities. We organized various team games and competitions for them. These activities helped improve communication, teamwork, and coordination among the workers. They also boosted enthusiasm, job satisfaction, and team bonding. In the end, we congratulated the winners and gave them gifts.

