



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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JUL-SEP**

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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 is with great pride that I present this edition of Futuristix, the newsletter of the Computer Science Department at KPR Institute of Engineering and Technology. This publication offers a glimpse into the vibrant array of initiatives and accomplishments by our students and faculty.

As the realm of Computer Science rapidly evolves, our department remains steadfast in its mission to empower students with the skills and mindset needed to navigate and lead in this dynamic landscape. This issue showcases a blend of pioneering research, community outreach, and collaborative projects that reflect our commitment to innovation and excellence.

I urge our students to stay inquisitive, embrace emerging challenges, and actively contribute to the transformative journey of technology. My heartfelt thanks go to the editorial team for their dedication and hard work in curating this inspiring edition.



Dr. Devi Priya R
Professor & Head

FACULTY ACHIEVEMENTS

Faculty Publications

Sr.No.	TITLE OF PAPER	AUTHORS	MONTH	INDEXING SCOPUS/SCI /Conference Publication
1	Investigation on mechanical properties of bronze infill PLA composite fabricated by fused deposition modelling	K. Ravi Kumar, K. Sivavel Annamalai, H. Sriram, Nisha Soms.	July 2024	SCI
2	Image processing-based protection of privacy data in cloud using NTRU algorithm	Karthika, K, Dr.Devi Priya R.	July 2024	SCIE

Sr.No.	TITLE OF PAPER	AUTHORS	MONTH	INDEXING SCOPUS/SCI /Conference Publication
3	Reinforcement Learning for Enhancing Earthquake Resistance in Concrete Structures Using Artificial Intelligence	SenthamaraiKannan. K, Andal. L, Vishnu kumar Kaliappan , J. Ponraj sankar, T. Lakshmanan	July 2024	SCOPUS
4	Maximizing Learning Outcomes while Minimizing Costs: A Cost-Effective Approach to M-Learning	Suresh Kumar B, Hemawathi M.S, Dhanasekaran P, Kaliappan V.K. , Sivaganesan D.	July 2024	SCOPUS
5	Revolutionizing Web Development with an Intelligent Chatbot: A Novel Approach Utilizing OpenAI's GPT-3 and advanced NLP Strategies	Sasikala C Dr.M.Kalpana Devi, Tholhappiyan T Sasikala Nataraj,	August 2024	SCOPUS

Sr.No.	TITLE OF PAPER	AUTHORS	MONTH	INDEXING SCOPUS/SCI /Conference Publication
6	Optimized Secure Clustering and Energy Efficient System for IIoT Data in Cloud Environment	Primya T. Ajit Kumar Singh Sreeraman Y., Vivekanandan T	August 2024	SCOPUS
7	ASIC Design and Implementation of 32 Bit Arithmetic and Logic Unit	Kannan Nithin K.V., Balaji V.R., Mani V. V. Priya S.S. Sivaraju, Duraivel A.N.	August & 2024	Scopus
8	Morphological and Contextual Meaning Analysis in Colloquial Tamil Using Yarowsky Influenced Modified Apriori Algorithm	Thivaharan. S, Srivatsun G	July 2024	Scopus

Sr.No.	TITLE OF PAPER	AUTHORS	MONTH	INDEXING SCOPUS/SCI /Conference Publication
9	Optimized task scheduling approach with fault tolerant load balancing using multi-objective cat swarm optimization for multi-cloud environment	P Suresh, P Keerthika, R Manjula Devi , GK Kamalam, K Logeswaran, Kishor Kumar Sadasivuni, K Devendran	August 2024	SCI

CONSULTANCY WORKS

S.No	Name of the Faculty	Name of the Company	Title of the consultancy work	Fund received in Rs	Date
1	Dr. R. Devi Priya	Mobitech Wireless Solution Private Limited, ¼ Vengamedu, Erode Road, Perundurai – 638052, Erode, Tamil Nadu	Automated Wildlife Repellent System	60,817	11.06.2024
2	Dr. Vishnu Kumar K	주식회사 지에스 (GS Co., Ltd) #1405, 1409, 1410, U-Tower, 120 Heungdeokjungang-ro, Giheung-gu, Yongin-si, Gyeonggi-do, 16950, South Korea.	Research and Development of Machine learning algorithms for coefficient identification to detect and reduce noise with FIR filter used in Load Cell signal processing	1,72,000	29.09.2024

PROPOSAL GRANTED

Turning Ideas into Actions

S.No	Title of the project/ Program	PI Details Co-PI Details	Funding agency	Amount	Status and Date of grant applied	Date of grant received
1	Interactive AI Infused Chatbot for treatment of Mental Illness	Dr.K.Mouthami	TNSDC - Niral Thiruvizha Scheme	1,10,000	Recieved	10,000- 10.09.2024 1,00,000 - 30.09.2024
2	Interactive AI Infused Chatbot for treatment of Mental Illness	Dr.K.Mouthami	TNSDC - Naan Mudhalva n Niral Thiruvizha 1.0 - StartupTN	2,50,000	Recieved	2,50,000- 26.10.2024
5	Utilizing AI For Metagenomics:Insights into Microbiome Data Analysis	Dr.R.Devi Priya, Ms.N.Nandhini, Dr.K.Mouthami, Ms.S.Sathya	ICMR	60,000	11.06.2024	10.09.2024

FACULTY CONFERENCE DETAILS

S.No	Title of the paper	Name of the Authors & Affiliation as per the order in paper	Conference Date	Indexed In Scopus/ WoS	Month of Publication
1	Advancing Brain Tumor Detection in MRI: Leveraging NAFNET Denoising for Enhanced CNN Performance,"	S. Ramu, V. Sanjay Kumaran, M. Vijay and A. Balamurugan	April 2024	Scopus	July 2024

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	Multilingual subtitle generator using Machine Learning	Jeevitha R , G K Sekarraja, M sridhar, A sribalaji	July 2024	Scopus
2	Identifying the features and attributes of various artificial intelligence-based healthcare models	Nisha Soms , David Samuel Azariya S. and Abhinaya Saravanan A.	September 2024	Scopus
3	A new paradigm in smart healthcare: Metaverse methodologies for prevention of obesity and chronic diseases	M Sangeetha, P Keerthika, R Manjula Devi , P Suresh, C Sagana, K Devendran	July 2024	Scopus
4	Metaverse technology-based enhanced machine learning models for mental healthcare	R Manjula Devi , M Sangeetha, P Keerthika, P Suresh, K Devendran, C Sagana	July 2024	Scopus
5	Blockchain strategies for medicine and health science	P Keerthika, R Manjula Devi , P Suresh, M Sangeetha, C Sagana, K Devendran	July 2024	Scopus

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
6	An optimizing car parking solution based on android applicationJK Kiruthika, E Saranya, SK Geetha, R Aravind Rajan, SR Dharanidharan, RC Dhayaneshwarr	JK Kiruthika, E Saranya, SK Geetha , R Aravind Rajan, SR Dharanidharan, RC Dhayaneshwarr	June, 2024	Scopus
7	Creative AI: A digital transformation	JK Kiruthika, P Manimozhi, SK Geetha , R Aravind Rajan, SR Dharanidharan, RC Dhayaneshwarr	June, 2024	Scopus

GATHERINGS THAT INSPIRE!

Our Events Organized

ALUMNI TALK-BUILDING YOUR FUTURE INSIGHTS: ALUMNI STORIES

Summary:

31.07.2024

The Department of Computer Science and Engineering at KPR Institute of Engineering and Technology organized the first session of the Alumni Talk series, titled 'Building your Future: Insights-Alumni Stories.' The event featured distinguished alumni, Mr. Nigun Sanjai R, Software Development Engineer - 1 at Autodesk India Pvt Ltd, and Mr. Srikumaran R, Software QA Engineer at Autodesk India Pvt Ltd.

The session began with a warm welcome from the department faculty, followed by insightful presentations from the speakers. Mr. Nigun Sanjai R and Mr. Srikumaran R shared their professional journeys, emphasizing the importance of continuous learning, adaptability, and leveraging academic knowledge in real-world applications.

The alumni provided practical advice on career planning, skill development, and navigating the challenges in the software engineering field. Their success stories and experiences resonated with the students, inspiring them to set clear career goals and pursue them with determination.

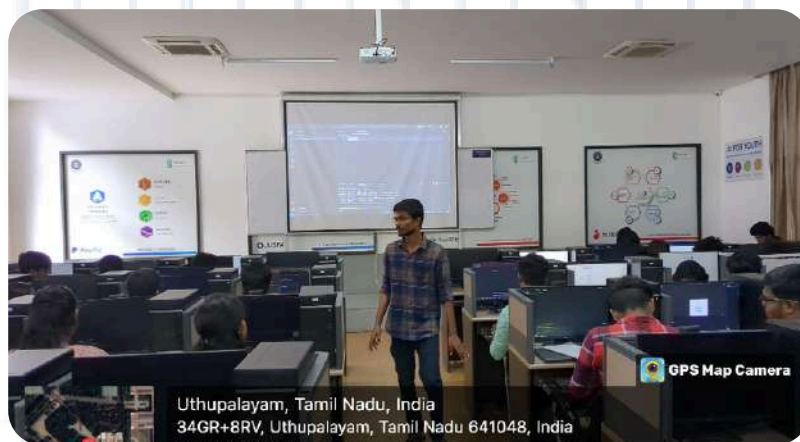


WORKSHOP ON VERSION CONTROL [GIT & GITHUB]

Summary:

10.08.2024

The IEEE Computer Society of KPRIET organized a hands-on workshop titled 'Version Control [GIT & GITHUB]' on August 10, 2024. The workshop was designed to provide participants with practical knowledge and skills in version control systems, particularly focusing on Git and GitHub. The event was held from 9:00 AM to 4:00 PM in the HPC Lab, featuring Mr. Dhanush T P as the resource person. The session commenced with Mr. Dhanush T P providing an overview of version control systems and their importance in modern software development. He introduced the basics of Git, a distributed version control system, and demonstrated how it can be used to manage and track changes in code effectively. • **Interactive Hands-On Experience:** The workshop emphasized hands-on practice, where participants were encouraged to perform Git commands and use GitHub for version control tasks. This practical approach ensured that attendees gained confidence in using these tools in their own projects. The workshop attracted 50 enthusiastic participants who actively engaged in the hands-on activities. The interactive format allowed participants to ask questions and receive immediate feedback from the speaker. The practical exercises and real-time problem-solving enhanced the learning experience. The event concluded with a vote of thanks, expressing gratitude to Mr. Dhanush T P for his comprehensive and practical presentation, and to the participants for their active involvement.



BASICS OF LLMS

Summary:

17.08.2024

This workshop on the "Basics of LLMs" offers a valuable opportunity for students and professionals to gain a fundamental understanding of one of the most influential technologies in AI today. Participants will leave with a solid grasp of LLMs, empowering them to explore further applications and innovations in their respective fields. The knowledge shared in this session will be instrumental in advancing their academic and professional pursuits.



FLAME- SESSION I

Summary:

23.08.2024

Leadership Development: Insights into the leadership qualities required in the automotive and manufacturing industries.

- **Innovation Techniques:** Practical strategies for fostering innovation within engineering teams.
- **Interactive Discussions:** Q&A sessions that allow participants to engage directly with the speakers.
- **Networking Opportunities:** A chance to connect with industry professionals and peers interested in automotive and manufacturing engineering.



CYBERSECURITY IN CLOUD

Summary:

29.08.2024

By attending this cybersecurity in the cloud seminar, participants will:

1. Understand key principles of securing cloud environments against emerging threats.
2. Learn practical strategies for implementing robust cloud security measures.
3. Gain hands-on experience with cloud security tools and best practices.
4. Professional certification level in this platform



MASTERING THE ART OF WRITING PROJECT PROPOSALS AND FUNDRAISING STRATEGIES

Summary:

30.08.2024

Objectives:

- To enhance the participants' understanding of the key components of a project proposal.
- To provide insights into effective fundraising strategies and how to attract potential donors.
- To improve the participants' ability to present project ideas convincingly.
- To offer practical tips and techniques for writing compelling proposals that stand out.
- This session focused on the fundamental elements of a project proposal, including the problem statement, objectives, methodology, and budget. The speaker emphasized the importance of clarity, coherence, and alignment with the funder's goals.
- Key Highlights:
 - Identifying the needs and problems the project aims to address.
 - Setting clear, measurable objectives.
 - Structuring the proposal in a logical and persuasive manner.
 - Developing a realistic and detailed budget.

MASTERING THE MODERN STACK: CLOUD, DEVOPS & VERSION CONTROL ESSENTIALS

Summary:

31.08.2024

The Department of Computer Science and Engineering successfully organized a seminar titled "Mastering The Modern Stack: Cloud, DevOps & Version Control Essentials" on 31.08.2024, from 11 am to 1 pm at the IV CSE A classroom. The seminar was aimed at final-year students who have chosen the Full Stack Development vertical as part of their honor or minor degree, as well as those who have selected DevOps as an elective course. The objective was to provide students with industry insights and practical use cases related to "Cloud Native Applications Development" and "DevOps." The session began with Mr. M. Mohan, AP (SrG), introducing the chief guest, Mr. Mathan Raju, Principal Engineer Manager at Microsoft. Mr. Raju then took over the session, covering key topics including cloud computing, cloud-native applications, version control in application development, DevOps, and essential commands. The seminar was highly interactive, with students actively engaging and posing questions. Mr. Raju provided clear and detailed responses, enhancing the learning experience. The event concluded with students gaining valuable knowledge and practical takeaways in the fields of cloud computing and DevOps, crucial for their future careers in full-stack development.



KICKSTART: PLACEMENT SKILL ENHANCEMENT BOOTCAMP

Summary:

31.08.2024

Students have gained knowledge in hands on Full stack experience with Java script Api and Game development also they have received good exposure in Python Basics for Data Science



DO'S AND DONT'S IN INTERVIEWS

Summary:

31.08.2024

Students have learned

- Sense of behaviour during interviews
- Interpersonal Skills and Intrapersonal Skills management
- Complete interview process tips and tricks

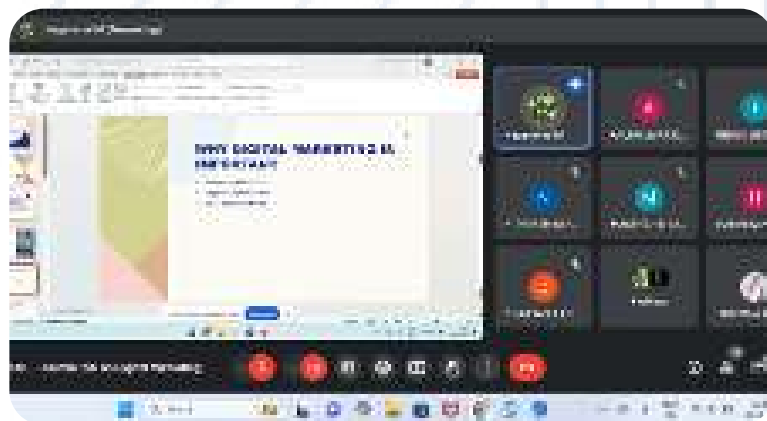


Alumni Talk II

Summary:

31.08.2024

Ms. Nagammai provided a comprehensive overview of the evolution of digital marketing strategies, focusing on the shift from traditional to digital platforms. The lecture covered various digital marketing techniques such as SEO, social media marketing, content marketing, and email marketing. She emphasized the importance of data analytics in shaping digital marketing campaigns and highlighted real-world examples from her experience at Starberry.. It fostered a learning environment where participants could interact with an industry expert and gain valuable knowledge and insights.



ORGAN DONATION AWARENESS CAMPAIGN (GIFT ORGANS, GIFT LIFE)

Summary:

03.09.2024

- **Increased Knowledge:** Students will gain a better understanding of the importance and process of organ donation, dispelling common myths and misconceptions.
- **Enhanced Awareness:** The program can help foster awareness about the shortage of organ donors and the life-saving potential of organ donation.
- **Encouraged Conversations:** Students may start conversations with their families and friends about organ donation, increasing community engagement on this topic.
- **Volunteer Sign-ups:** Some students may be motivated to pledge as organ donors or become advocates for organ donation within their communities.
- **Improved Social Responsibility:** The program will enhance students' sense of social responsibility and their willingness to contribute to causes that benefit society.
- **Personal Empowerment:** Students will feel empowered knowing that they have the potential to make a significant impact on the lives of others through organ donation.
- **Civic Engagement:** Organ donation awareness can inspire students to participate in more community-driven initiatives related to health, social service, and public welfare.
- **Reduction in Stigma:** The program can help reduce any cultural or societal stigmas associated



IEEE CS INAUGURATION AND CS DAY

Summary:

05.09.2024

This IEEE CS Day @ KPRIET was a remarkable opportunity for participants to enhance their knowledge in software testing, thanks to the insights provided by the speakers and especially Dr. Hironori Washizaki. His keynote address brought an international perspective to the discussions, further enriching the event's focus on trends in software testing. The event was a tremendous success, with participants leaving with new knowledge and a broader understanding of the global software testing landscape.

Mr. H R Mohan: IEEE Ambassador and Chair of Events & Immediate Past Chair of IEEE CS Madras. With decades of experience in technology leadership, Mr. Mohan provided insights into emerging tools and methodologies in software testing.

• **Mr. Srinivasan Desikan:** Managing Director of QualPlayers, Bangalore. Mr. Desikan shared his practical experiences and the evolving landscape of software testing, highlighting modern challenges and solutions.



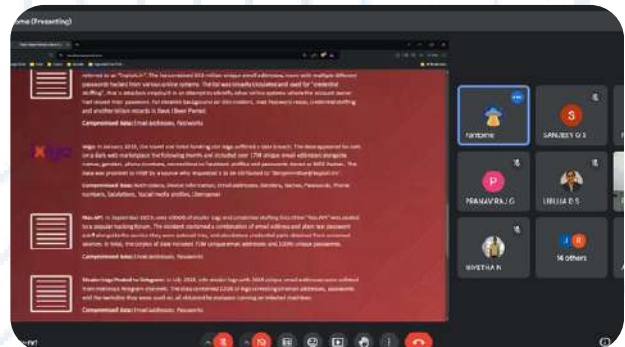
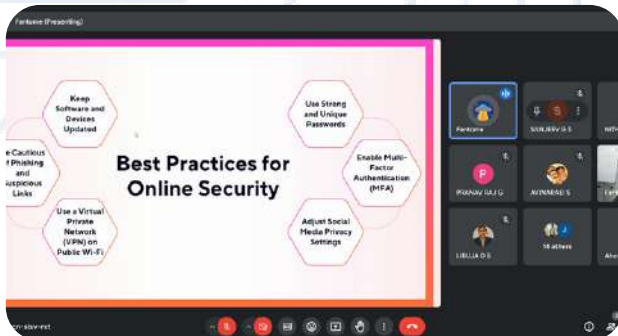
SECURING YOUR DIGITAL FOOTPRINT

Summary:

06.09.2024

Key Highlights of the Session

- Insightful talk by an experienced cybersecurity expert.
- Detailed explanation of the importance of digital footprints.
- Best practices for securing personal and professional information online.
- Q&A session to address participant questions and concerns.



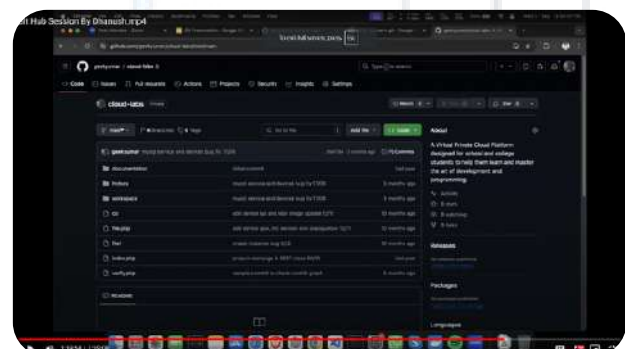
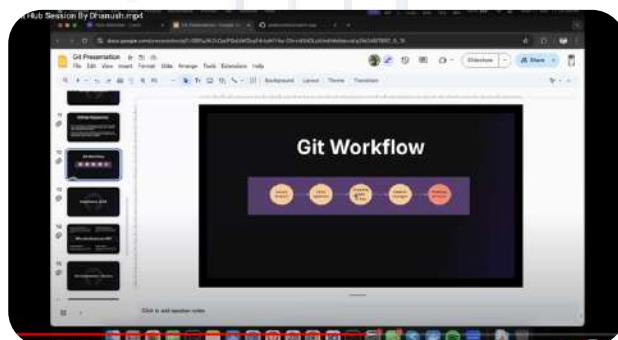
THE POWER OF GITHUB: FROM REPOSITORIES TO ROBUST PROJECTS

Summary:

11.09.2024

Students Learned

- Installation of Git Desktop
- Integrate Git Desktop with public repository on Git Hub
- Command to handle version control in Git Desktop
- Push and Pull, clone project files from / to public repositories in github.



INNOVATIONS IN DATA SCIENCE AND INNOVATIVE USE CASE ANALYTICS (INDIA) TO EMPOWER THE GROWTH OF A NATION

Summary:

13.09.2024

Outcome of the webinar

- Usage of Bigdata analytics in different application area
- Bigdata Technologies and services
- Project works related to Bigdata analytics



MASTERING DATABASE CONNECTIVITY IN MOBILE APPLICATION

Summary:

14.09.2024

The Workshop on App Development Using React is designed to equip participants with the essential skills and hands-on experience needed to build dynamic and responsive web and mobile applications using React.js. React, a popular JavaScript library developed by Facebook, is widely used for creating interactive user interfaces and seamless user experiences.

This workshop provided engineering students, developers with a comprehensive understanding of React's core concepts, state management, component-based architecture, and API integration. Participants also got practical exposure to developing and deploying a simple yet functional React-based application.



EMPOWERING DIGITAL BANKING: MOBILE AND INTERNET BANKING AWARENESS PROGRAMME

Summary:

14.09.2024

- **Increased Public Awareness:** The event will significantly raise awareness among the public about the safe and efficient use of mobile and internet banking services, reducing their dependency on traditional banking methods.
- **Improved Digital Literacy:** Attendees will gain hands-on experience with mobile banking applications and internet banking services, improving their overall digital literacy and confidence in using online financial tools.
- **Enhanced Security Awareness:** The public will learn about key security measures such as safe passwords, two-factor authentication, and phishing awareness, leading to safer online banking practices.
- **Bridging the Digital Divide:** The event will help bridge the digital divide by empowering people who are less familiar with digital banking to adopt these services, contributing to financial inclusion.
- **Student Engagement and Social Responsibility:** Students participating in the event will have the opportunity to engage with the community, fostering a sense of social responsibility and improving their communication and leadership skills through direct interactions with the public.



IEEE - FLAME - SESSION2

Summary:

20.09.2024

This guest lecture has covered essential topics related to Auto mobile and it's innovative ideas including:

- The concept of Automobiles and how they can impact personal and professional life.
- Practical methods to improve Automobile ideas.
- Emerging technologies of Automobile in the today's world and how to improve them.
- Best way to enhance the Automobile based innovations in a connected world.

Participants were gained valuable insights and how they can implement safe practices to enhance their future.

Key Highlights of the Session

- Insightful talk by an experienced Automobile experts
- Detailed explanation of the importance of innovation ideas in automobile industry.
- Best practices for enhancing personal and professional skills.
- Q&A session to address participant questions and concerns.



TRAINING PROGRAM ON FIRST AID AND CPR

Summary:

13.08.2024

K P R I E T-N S S cell, Department of Computer Science and Engineering (C&D;), and Alert NGO Coimbatore jointly organized a First Aid- C P R and F i r e S a f e t y Training program for students and faculty on 13.08.2024 in our campus.170 participants attended the above program



THIS EXCITING CHALLENGE IS DESIGNED TO TEST STUDENTS CODING SKILLS, PROBLEM-SOLVING ABILITIES,

Summary:

17.08.2024

Coding contest an exciting inter-departmental coding competition that brings together students from diverse academic backgrounds. Whether you're studying Computer Science, Mechanical Engineering, Business, or any other field, this contest is your chance to showcase your problem-solving skills, creativity, and coding prowess!this contest is designed to bring together brilliant minds from diverse fields to solve real-world problems through coding

The Department of Computer Science and Engineering successfully organized the Coding Contest 2024 on August 17, 2024. The event, held in an offline mode, saw the enthusiastic participation of 44 students from various departments, each eager to showcase and test their coding skills. The contest aimed to foster a competitive spirit among students and provide them with an opportunity to solve real-world problems through programming



KPR Institute of Engineering and Technology
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CODING CONTEST

COMPUTER SCIENCE AND ENGINEERING (C&E)

STARTS AT **9 AM** | **SATURDAY 17** | **VENUE ORACLE LAB**
AUGUST

PARTICIPATION CERTIFICATES WILL BE PROVIDED

TEAM SIZE **2** | REGISTER HERE

STAFF COORDINATOR
S K GEETHA 9940937136

STUDENT COORDINATOR (III CSE C)
S KUDHARSSHINI 9940779605
M SUBASHINI 9524643345



TENSORFLOW DATA AND DEPLOYMENT

Summary:

13-09-2024

The Department of Computer Science and Engineering (CSE) planned and organized an Industry Oriented One Credit Course titled "TensorFlow Data and Deployment" on 13th and 14th September 2024. The program was designed with the objective of equipping students with practical, industry-relevant skills in the field of machine learning, data handling, and model deployment using TensorFlow.

The course focused on providing students with hands-on exposure to working with data, building machine learning models, and understanding the process of deploying trained models into real-world applications. Emphasis was placed on bridging the gap between academic learning and industry expectations by introducing tools, workflows, and best practices commonly used in professional environments.



ALUMINI LECTURE SERIES TITLED QUALITY ENGINEERING

Summary:

19-09-2024

The Department of Computer Science and Engineering (CSE), KPR Institute of Engineering and Technology, organized Alumni Lecture Series III on 31st August 2024 as part of its initiative to promote continuous learning and alumni engagement. The session was delivered by Mr. Anish Christobher, Software Engineer, Rently Software Development, Coimbatore. He shared his professional experience in software quality testing, discussed various testing approaches, and introduced tools used in the industry, including Apache JMeter. The session was informative and provided students with valuable insights into real-world software testing practices.

GEO SPATIAL DATA VISUALIZATION

Summary:

31-08-2024

The Department of Computer Science and Engineering (CSE), KPR Institute of Engineering and Technology, organized Alumni Lecture Series III on 31st August 2024 as part of its initiative to promote continuous learning and alumni engagement. The session was delivered by Mr. Anish Christobher, Software Engineer, Rently Software Development, Coimbatore. He shared his professional experience in software quality testing, discussed various testing approaches, and introduced tools used in the industry, including Apache JMeter. The session was informative and provided students with valuable insights into real-world software testing practices.



GEO SPATIAL DATA VISUALIZATION

Summary:

19-09-2024

The Department of Computer Science and Engineering (CSE) organized an expert lecture for the subject U21CS303 – Data Visualization titled “Geo-Spatial Data Visualization” on 19th September 2024 through the Zoom platform. The session was conducted with the objective of enhancing students’ understanding of geospatial data and its importance in data visualization and real-world applications.

The lecture provided valuable insights into the concepts, tools, and techniques used for visualizing geographical and location-based data. Students learned how geospatial data can be effectively represented to support decision-making in various domains such as urban planning, environmental studies, and business analytics. The expert also highlighted practical use cases and industry practices, helping students connect theoretical concepts with real-world scenarios.

Overall, the session was highly beneficial and informative for the students, as it strengthened their knowledge of Geo-Spatial Data Visualization and enhanced their understanding of the subject Data Visualization (U21CS303), contributing positively to their academic learning and practical skill development.

The poster is divided into two main vertical sections. The left section has a light blue background with a faint image of a city. It contains the KPR Institute of Engineering and Technology logo and name, the Department of Computer Science and Engineering, and the title 'Geo-Spatial Data Analysis and Visualization' in large green letters. At the bottom of this section, it lists the date and time '19.09.2024 | 06.30 PM', the platform 'Zoom', and the ID '943 9727 9939'. The right section has a dark blue background. It features a circular portrait of Mr. Kapil Gauravan V, a Software Engineer at Alphabyte. At the bottom of the poster, there are social media icons, the website 'kpriet.edu.in', and logos for the United Nations and a red book icon.

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

Department of
Computer Science and Engineering

Organizes an Expert Talk

Geo-Spatial Data Analysis and Visualization

19.09.2024 | 06.30 PM
Platform: Zoom
ID: 943 9727 9939

Expert

Mr Kapil Gauravan V
Software Engineer, Lead
Alphabyte

kpriet.edu.in
📱📧📺📺/KPRIETonline

EXPLORING NETWORKING ESSENTIALS

Summary:

03-07-2024

The Department of Computer Science organized a VAC / Training Program titled "Exploring Networking Essentials" on 03.07.2024 from 08:45 AM to 04:15 PM at the LIS Lab in On-Campus mode for non-teaching staff. The program was conducted at the Institute level with the participation of 20 internal participants and covered seven subject hours. The training focused on fundamental networking concepts, components, and basic troubleshooting practices. The program contributed to enhancing the technical awareness and operational efficiency of the participants, aligning with SDG 4: Quality Education by promoting continuous skill development and capacity building.

RESEARCH COLLOQUIUM SERIES-1

Summary:

27-08-2024

The Department of Computer Science organized an Expert Talk titled "Research Colloquium Series - 1" on 27.08.2024 from 10:30 AM to 12:30 PM at Pallavi Hall in On-Campus mode. The program was conducted at the Department level for teaching faculty and included 12 internal faculty participants and 16 student participants. The session covered two subject hours and focused on promoting research culture, knowledge sharing, and academic discussion. The event contributed to enhancing research awareness and scholarly engagement among faculty and students, aligning with SDG 4: Quality Education by fostering continuous learning and academic excellence.



The poster is divided into two main color sections: a light blue/grey section on the left and a green section on the right. The left section contains the KPR Institute of Engineering and Technology logo, department name, event title, and date. The right section features the resource person's name, title, and a circular portrait. At the bottom, there are social media links and accreditation logos.

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

Department of Computer Science and Engineering

RESEARCH COLLOQUIUM SERIES - I

Un-Conventional AI Approach for Image Processing Applications
Out of the Box Approach

27.08.2024 | 10:30 AM
PALLAVI HALL

kpriet.edu.in
f t x w i n | KPRIETonline

Resource Person
Dr. JUDE HEMANTH
Professor & Head (ECE)
Karunya University Coimbatore
Visiting Professor, University of Oradea Romania
Editor: IEEE-JBHI, IEEE-ITITS, Top 2% Scientist, International Accreditation Committee Member—Romania and Slovenia.




KPRIET supports the Sustainable Development Goals



CISCO CERTIFIED NETWORKING ASSOCIATE

Summary:

31-08-2024

The Department of Computer Science organized a VAC / Training Program titled "CISCO Certified Networking Associate" on 31.08.2024 from 09:00 AM to 04:15 PM in On-Campus mode at the Institute level for students. The program covered seven subject hours and witnessed the participation of 37 internal students. The training focused on fundamental networking concepts, CISCO-based technologies, and practical aspects of computer networking, aiming to enhance students' technical competence and industry readiness. The event contributed to skill development and career-oriented learning, aligning with SDG 4: Quality Education by promoting quality technical education and professional skills.

UI/UX DESIGN – FIGMA

Summary:

21-08-2024

To equip students with practical and industry-relevant skills in UI/UX design using Figma, enabling them to design user-centered interfaces and create interactive prototypes with a strong focus on usability, aesthetics, and functionality.

Day 1: Introduction to UI/UX, Human-Centered Design, and Design Thinking

Day 2: Hands-on with Figma Interface – Frames, Layers, Components

Day 3: Creating Wireframes and Prototyping Interactions

Day 4: Mini Project – Design and Presentation of a Complete UI/UX Solution



KINDNESS CONNECT

Summary:

29-10-2024

Kindness Connect is an Institutional Social Responsibility (ISR) initiative organized by our students to spread love and compassion. As part of this program, we visited a local orphanage to spend quality time with the children and bring smiles to their faces. Essential items including dresses and monetary donations were contributed to support their daily needs. The visit was filled with interactive sessions, games, and heartfelt moments. Through this act of kindness, we aimed to make a meaningful difference in their lives and inspire continued community engagement.



MERN STACK

Summary:

31-08-2024

The MERN Stack Bootcamp successfully enhanced participants' understanding of full-stack web development. Students gained hands-on experience in building and deploying web applications using MongoDB, Express.js, React, and Node.js. The event boosted their confidence in using modern development tools and improved their ability to work on real-world projects. Many participants expressed interest in exploring advanced MERN concepts and contributing to collaborative coding initiatives.

