KKR&KSR Institute of Technology and Sciences
Vinjanampadu, Guntur, Andhra Pradesh-522017

Approved by AICTE, New Delhi and Permanent Affiliation from JNTUK, Kakinada
Accredited with "A" Grade by NAAC & NBA Accreditation Status for 4 UG (CSE, ECE, EEE, ME) Programs

Organized A Seven Day workshop on "Innovations of Data Science"
By: HackBots, Hyderabad

About the workshop:

The "Innovations of Data Science" workshop explored exciting technologies shaping the field. Participants delved into machine learning, a powerful tool that teaches computers to learn from data and make predictions. They also discovered artificial intelligence, which enables machines to perform tasks that typically require human intelligence, like understanding language or recognizing patterns. Big data analytics was another focus, helping participants understand how to extract valuable insights from vast amounts of data. Additionally, they learned about predictive modeling, a technique used to forecast future outcomes based on historical data patterns. These technologies are revolutionizing industries by enabling smarter decision-making and driving innovation**.**

About the Chief Guest: Mahan Rk (HackBots, CEO)

Mr.Mahaan Rk GARU, accomplished Robotics Product Research Engineer with a decade of experience in the field. His proficiency is deeply rooted in the fascinating territory of Robotics product research and development.In the domain of entertainment, he is a master of animatronics, skillfully crafting lifelike Robotic characters and creatures. Furthermore, his expertise in show control systems for amusement parks empowers him to artfully synchronize a multitude of elements during live shows, including Robotics, audio, lighting, and special effects, creating truly mesmerizing experiences.

Over the course of his distinguished career, sir has led numerous groundbreaking projects, redefining the possibilities in Robotic systems.Notably, sir is a proud member of the Indian Association of Amusement Parks and Industries and the All India Robotic Association. Widely recognized as one of the country's most accomplished Imagineers. We are very happy to have sir as a resource person for our 6 day workshop.

Objectives of the Event:

1. Explore Cutting-Edge Technologies: Gain exposure to the latest tools, technologies, and frameworks shaping the data science landscape.
2. Highlight Recent Innovations: Showcase recent breakthroughs in machine learning, artificial intelligence, and big data analytics.
3. Hands-On Learning: Engage in practical workshops and hands-on sessions to apply innovative data science techniques.
4. Address Ethical Considerations: Discuss the ethical implications of data science

innovations and strategies for responsible AI.

5. Foster Collaboration and Networking: Network with industry professionals, researchers, and peers to foster collaboration.
6. Industry Insights: Hear from industry experts sharing insights on implementing innovative data science solutions.
7. Provide a Platform for Discussions: Participate in panel discussions, Q&A sessions, and open forums for interactive discussions.
8. Enhance Skillsets: Acquire new skills and knowledge to stay competitive in the evolving data science field.

1. **Venue of the Event:**

   The event is organized on campus and conducted by KKR & KSR Institute of Technology and Sciences, Vinjanampadu, Guntur, Andhra Pradesh in association with SPARK

2. **Date & Time of the Event:** 3rd to 10th January,2024.
3. **No. of students participated:** 150
4. **No. of faculties participated: 7**
5. **Event photographs.**


INSTITUTION'S
INNOVATION
COUNCIL
epartment of CSD
Inauguration of
ven Day Workshop
ations of Data Scie
January 03rd to 10th 2024
rs KKR & KSR IN
TECHNOLOGY &
AUTONOM
ADU, GUNTUR, ANDHRA PRA

Benefits:

1. Up-to-Date Knowledge: Exposure to the latest trends, technologies, and innovations in data science ensures that students stay current with industry advancements.
2. Practical Skills Development: Hands-on workshops and practical sessions enable students to apply theoretical concepts, enhancing their skills in implementing innovative data science techniques.
3. Enhanced Problem-Solving Abilities: Practical workshops and discussions on innovative applications of data science help students develop critical thinking and problem-solving skills, essential for tackling complex challenges.
4. Career Advancement: Acquiring knowledge about the latest innovations in data science makes students more competitive in the job market, enhancing their employability and opening doors to diverse career opportunities.
5. Inspiration for Research: Exposure to cutting-edge research and discussions about future trends may inspire students to pursue research projects in data science and contribute to the advancement of the field.
6. Community Engagement: Participation in the workshop fosters a sense of community among students interested in data science, creating a platform for knowledge sharing and collaboration.
7. Access to Resources: Workshops often provide access to additional learning resources, materials, and tools that students can continue to explore and use in their academic and professional endeavors.
8. Increased Confidence: Successfully engaging with innovative data science concepts and applying them in practical scenarios can boost students' confidence in their abilities to navigate challenges in the field.

(6) https://www.facebook.com/photo/?fbid=288839897368169&set=pcb.288840177368141

6. **vent at the University/college :(Link and Screenshot)**

   KITS_CSD (@kits_csd) • Instagram photos and videos

7. **Expenditure Amount (If any):** Nil

8. **Remarks:** The Event is organized smoothly with practical orientation.

9. **Experiences and Output of the Session:**

   The outcomes are numerous and impactful. Some of the key outcomes include:

1. Hands-On Learning:
   Experience: Engaging in practical workshops and hands-on sessions.
   Outcome: Acquiring practical skills in applying innovative data science techniques using real-world datasets.
2. Exposure to Cutting-Edge Technologies:
   Experience: Learning about the latest tools, technologies, and frameworks in data science.
   Outcome: Gaining up-to-date knowledge and staying ahead in the rapidly evolving field.
3. Real-World Applications:
   Experience: Exploring case studies and examples of how data science innovations are applied across industries.
   Outcome: Understanding the practical applications of data science in solving real-world problems.

4. Collaborative Learning:
   Experience: Participating in group activities, discussions, and collaborative projects.
   Outcome: Enhancing teamwork and communication skills essential for collaborative work environments.
5. Problem-Solving Skills:
   Experience: Addressing challenges and problem-solving during practical workshops.
   Outcome: Developing critical thinking and analytical skills required in data science.
6. Career Development:
   Experience: Learning about diverse career paths in data science.
   Outcome: Gaining insights into potential career trajectories and making informed decisions about future career goals.
7. Increased Confidence:
   Experience: Successfully engaging with advanced data science concepts.
   Outcome: Building confidence in one's ability to tackle complex challenges in the field.
8. Preparation for Future Roles:
   Experience: Understanding current industry trends and future directions.
   Outcome: Being better prepared for future roles in data science with an awareness of industry changes.