**H.K.E. SOCIETY’S**





**SIR M VISVESVARAYA** **COLLEGE OF ENGINEERING**

(Afflicted to VTU, Approved by AICTE, Accredited by NAAC)

**Yeramarus camp, Raichur – 584135**

**Placement Cell**

**Organised**

**“Innovation in IT Sector” on 19.06.2024**

H.K.E. Society's Sir M Visvesvaraya College of Engineering hosted a highly successful event titled "Innovation in IT Sector" on June 19, 2024. The event aimed to explore the latest advancements, trends, and future directions in Information Technology. It brought together students, faculty, industry professionals, and IT enthusiasts to share knowledge and inspire innovation.

The event comprised various segments, including keynote speeches, panel discussions, workshops, and a project exhibition. The primary focus was on cutting-edge technologies such as Artificial Intelligence (AI), Machine Learning (ML), Block chain, Internet of Things (IoT), and Cyber security.

**Mr.Nishant G Yeli** Governing council Member of H.K.E. Society’S , **Dr. Shivanna D.M** Co-Founder & CEO of ARRKS Inovtech ,Bangalore, Dr.Vishwanth P HOD of E & C department & the Heads of various other departments participated in signing the MOU with the objective to establish Industry 4.0 Digital Experience Lab, to organize career excellence program in Industry 4.0 Technologies, to seek ARRKS INOVTECH expertise to revitalize and upgrade the research potential of H.K.E. Society's Sir M Visvesvaraya College of Engineering, to seek ARRKS INOVTECH expertise to revitalize and upgrade the research potential of H.K.E. Society's Sir M Visvesvaraya College of Engineering & to undertake joint research activities with National and International Funding support (for ex. GOI S&T agencies like DST, CSIR, DRDO, etc.)

After the MOU program, Dr. Shivanna addressed approximately 115 students on the topic of “Innovation in IT Sector.” The event began with an inaugural speech by Dr. Vishwanth P., Head of the Department of Electronics & Communication at H.K.E. Society's Sir M. Visvesvaraya College of Engineering, who emphasized the importance of staying updated with technological advancements.. And Dr. Shivanna focused on the cutting-edge developments in the IT sector, the practical applications of these innovations, and the future direction of the industry. Dr. Shivanna shared his extensive knowledge and experience, providing attendees with valuable insights into the dynamic world of IT.

**Main Points of the Talk:**

1. **Artificial Intelligence and Machine Learning:**
   * Mr. Shivanna discussed the rapid advancements in AI and ML, showcasing how these technologies are being leveraged for predictive analytics, personalized services, and automation. He shared examples of AI applications in healthcare for predictive diagnostics and in finance for fraud detection.
2. **Blockchain Technology:**
   * He explained the fundamentals of blockchain and its potential beyond cryptocurrencies. The talk covered blockchain's role in enhancing security and transparency in supply chain management, financial transactions, and digital identity verification.
3. **Internet of Things (IoT):**
   * The integration of IoT in various sectors was a significant focus. Mr. Shivanna illustrated how IoT is revolutionizing industries like manufacturing through smart factories, enhancing home automation with smart devices, and improving healthcare with remote monitoring systems.
4. **Cybersecurity:**
   * Emphasizing the importance of cybersecurity in today's digital age, Mr. Shivanna highlighted the need for robust security measures to protect data and infrastructure. He discussed the latest trends in cybersecurity, including the use of AI for threat detection and response.
5. **Emerging Trends and Future Directions:**
   * Mr. Shivanna provided insights into the future of IT, discussing emerging trends such as quantum computing, edge computing, and 5G technology. He encouraged students to stay updated with these trends and to develop skills that align with the future demands of the IT industry.

**Interactive Session:**

Following the keynote speech, an interactive Q&A session was held, where students and faculty had the opportunity to engage directly with Mr. Shivanna. Questions ranged from the practical implementation of AI in small businesses to the ethical considerations of block chain technology. Mr. Shivanna's responses were insightful and provided a deeper understanding of the topics discussed.



  