Vel Tech High Tech

Dr. Rangarajan Dr. Sakunthala Engineering College

An Autonomous Institution

AAVISHKAAR – 2025

Project Expo Themes

- **CSE, CSE-AIML**
  1. Artificial Intelligence for Real-life applications
  2. Big data analytics for predictive insights
  3. Computer vision in smart cities
  4. NLP for Mult-lingual applicants
  5. Autonomous system and robotics

- **IT**
  1. Cybersecurity and ethical hacking
  2. Cloud computing and virtualization
  3. Block-chain in IT infrastructure
  4. IoT solutions
  5. IT for social good

- **AI&DS**
  1. AI for health-related diagnostics
  2. Predictive analytics for business optimization
  3. Ethical Ai and bias mitigation

4. AI in sustainable development

5. Data Science in Climate change in studies

- **ECE:**
  1. 5G and beyond, future communication system

  2. IoT, enable smart devices

  3. VLSI design for low power electronics

  4. Wireless sensor network for disaster management

  5. AI in embedded system

- **Biotech**
  1. CRISPR applicants in genetic engineering

  2. Bioplastics for sustainable packaging

  3. Biotechnology in environmental remediation

  4. Tissue engineering and regenerative medicine

  5. Industrial bio-process optimization

- **Chemical:**
  1. Green chemistry for sustainable processes

  2. Waste water treatment for advanced chemicals

  3. Polymer science for Advanced applications

  4. Bio-fuels and renewable energy resources

  5. Chemical processes in pharmaceutical industries

- **Mechanical:**
  1. Renewable energy systems

  2. Automation in manufacturing in robotics

3. Advanced materials for light weight structure

4. 3D printing for additive manufacturing

5. Waste heat recovery system

- **Civil:**
    1. Smart city development projects

    2. Sustainable construction materials

    3. Disaster resilient infrastructure

    4. Green building design and Implementation

    5. Modern irrigation system for agriculture

- **MBA**
    1. Sustainable Business practices

    2. Innovations in digital marketing

    3. Financial inclusion through technologies

    4. Leadership and organizational changes

    5. Startups and entrepreneurship development