**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