

Research and Development Focus:

1. Mechanical Engineering

1. Dynamics, Acoustics and Control
2. Design
3. Condition Monitoring
4. Vehicular Vibrations
5. Stress analysis of Machine Components.
6. Material composition analysis
7. Nondestructive using Ultrasonic testing
8. Heat and Mass transfer
9. Internal Combustion Engine
10. Finite Element Analysis

2. Electronics & Telecommunications Engineering

1. Advanced Communication
2. Embedded Systems
3. Biomedical and Health Care
4. VLSI Design
5. Industrial Automation

3. Civil Engineering

1. Structural Engineering (Structural Health Monitoring)
2. Geo-technical Engineering
3. Public Health monitoring
4. Surveying

4. Computer Engineering

1. Cloud Application development
2. Development of IOT Based Applications
3. Web site hosting and development
4. Mobile application development on different platforms
5. High Performance Computing
6. Image Processing, Steganography and Watermarking
7. Information Security, Wireless Networks
8. Algorithm, Forecasting Problems
9. Optimization Problems
10. Cyber security check and testing

5. Electrical Engineering Department

1. Energy Auditing and electricity bill assessment
2. Valuation commercial and industrial cable and wiring systems
3. H.T. and L.T. work estimation
4. Roof top based solar systems