



COMPUTER SCIENCE AND ENGINEERING

- Internet of Thing
- Cloud Computing
- Big Data Analytics
- Network Security
- Distributed System
- Image Processing
- Data Science
- Business Intelligence
- Wireless Sensor Network
- Artificial Intelligence
- Remote Sensing /Geographic Information System



CIVIL ENGINEERING

- Innovative in Advanced steel and concrete Structures
- Earthquake and Disaster Resistance Structures
- Challenges and Trends in Transportation Engineering
- Optimization technique for infrastructural development and design
- Remote sensing and GIS Applications
- Innovative and Ecofriendly Materials for repair, rehabilitations and retrofitting of Structures
- Structural Health Monitoring
- Green building Technologies
- Mathematical Modeling and Simulation Techniques in Water Resources and Environmental Engineering

OTHER RELATED TOPICS

- Hydraulic Structures
- Wind , Fire and Blast resistance design
- Smart Materials and Composite Construction
- Environmental Engineering
- Fracture Mechanics
- Innovative Concrete Practices and Methodologies



MECHANICAL ENGINEERING



- Advanced Heat transfer
- Advanced Machining & Joining Processes
- Advanced Manufacturing Processes
- Advanced Materials
- Advanced Thermodynamic Systems
- Alternate fuels & Renewable energy
- Automotive Technology
- CFD
- CAD/CAM/CIM & Robotics
- Casting and Solidification
- Composite Materials
- Dynamic Mechanical Analysis, Optimization and Control
- Finite Element Analysis
- Flexible Manufacturing Technology & System
- Fluid engineering systems
- Fracture Mechanics
- Green Manufacturing
- Industrial Engineering
- Jet Propulsion Systems
- Laser Technologies
- Life Cycle Design of Products
- Logistics and SCM
- Machine Design & Dynamics
- Man – Vehicle – Land Interaction
- Man-Machine Interface Design
- Manufacturing and Life Cycle Engineering
- Manufacturing Process, Planning and Scheduling
- Marine System Design
- Mechanism analysis & synthesis
- Mechatronics & MEMS
- Micro/Nanotechnology in Manufacturing
- Micro-electro Mechanical Systems and Devices
- Micro-Machining, Nano- Technology & Smart Materials
- Modeling/Simulation/Optimization in Manufacturing Systems
- Modeling, analysis, and simulation of manufacturing processes
- Nano and Micro Materials, Devices and Systems
- Nano Technology
- Nano Engineering for Energy
- Non Conventional Manufacturing Processes
- PC Guided Design and Manufacture
- PDM, PLM, Collaborative Product Design & Commerce
- Powder metallurgy and ceramic forming
- Power-Train Solutions
- Precision Mechanics
- Precision Molding Processes
- Process Control and Automation
- Product Development & Strategies
- Production planning and Control
- Quality & Reliability Engineering
- Rapid Prototyping
- Recent Trends in I.C. Engines
- Recent trends in Refrigeration & HVAC
- Safety Reliability & Risk Management
- Six sigma & Advanced inventory technique
- Sustainable Energy
- Tribology in Design
- Turbo Machines and Fluid Power
- Turbulence
- Unmanned Vehicles
- Usability Design
- Vehicle Aerodynamics
- Vehicle Design and Manufacturing
- Vehicle Dynamics and Control
- Vehicle safety
- Vibration, Acoustics and Wave Propagation



ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Department of Electronics Engineering

- Power electronics
- Power system protection
- Facts
- Electrical communication Systems
- Electric Vehicles
- Renewable Energy
- Power quality
- Artificial Intelligence
- Optimization techniques
- Energy conservation and audit

Communication Engineering

- Communication theory and systems
- Information Theory
- Coding theory
- Optical Communication
- Microwave Communication
- Green Communication
- Next Generation Network
- Satellite Communication
- Optical Networks and Systems
- Ad hoc Networks
- Wireless and wire line Network
- Complex Network

System Design

- Verilog
- VHDL
- CMOS VLSI
- Low Power VLSI Design
- Power Electronics
- Instrumentation Engineering
- Language Identification

- Control System

- Nanotechnology

Signal Processing

- Image and video Processing
- Speech Processing
- Digital Signal Processing
- Biomedical Engineering
- Signal Processing for Communication

Embedded System and Robotics

- Microcontroller
- Microprocessor
- ARM(Advanced RISC Machine)
- IOT
- MEMS
- Robotic ,Automation

Electromagnetic

- Transmission Lines
- Waveguide
- Antenna Theory & Antenna Design
- Microwave Engineering and Radar System

Soft Computing

- Fuzzy logic
- Artificial Neural Network
- Wireless Sensor Network



SCIENCE AND HUMANITIES

MATHEMATICS TOPICS

- Mathematical Analysis
- Function Theory
- Differential Equations
- Inverse Problems
- Probability Theory
- Mathematical Statistics
- Computational Mathematics
- Algebra
- Number Theory
- Mathematical Logic
- Geometry
- Topology
- Discrete Mathematics
- Mathematical Cybernetics
- Mathematical Modeling
- Mathematical Economics
- Inequalities

PHYSICS

- Material science
- Nanotechnology
- Superconductivity
- Atomic clocks Space Quantum Physics
- Magnetism
- Nuclear Physics
- Elasticity
- Optics
- Mechanics

CHEMISTRY

- Electrochemistry
- Polymer Chemistry
- Nano chemistry
- Molecular electronic structure
- Spectroscopy
- Corrosion Science
- Green Chemistry
- Analytical Chemistry
- Organic Chemistry
- Inorganic Chemistry
- Biochemistry
- Environmental Chemistry



MANAGEMENT

- General management
- International business
- Strategy marketing
- Supply chain management
- Operations management
- Organization studies
- e-business
- Contemporary business, entrepreneurship, enterprise
- Human resource management
- Information technology
- Banking Operations & research
- Digital Marketing
- Marketing Management
- Innovative Management Practices