

**FACULTY WISE RESEARCH INTERESTS**

<b>CIVIL ENGINEERING DEPARTMENT</b>	
<b>1.</b>	<p><b>Dr. C.B. Kameswara Rao</b> Professor Ph.D. <b>Research Interests:</b> Ductile Concrete, Cement Composite, Fiber Composites, Progressive collapse, structural dynamic</p>
<b>2.</b>	<p><b>Dr. K.V. Jayakumar</b> Professor Ph.D. <b>Research Interests:</b> Hydrology and Water Resources, Urban Water Management, Land and Water Management, Irrigation Engg., Environmental Impact Assessment, constructed wetlands, wetland hydrology</p>
<b>3.</b>	<p><b>Dr. N.V. Umamahesh</b> Professor Ph.D. <b>Research Interests:</b> Water Resources Systems, Soft Computing, Hydrology, Irrigation, management, Impact of climatic change</p>
<b>4.</b>	<p><b>Dr. P. Anand Raj</b> Professor Ph.D. <b>Research Interests:</b> Hydrology, fuzzy logic, Soft computing, reservoir operation</p>
<b>5.</b>	<p><b>Dr. D. Rama Seshu</b> Professor Ph.D. <b>Research Interests:</b> New concrete making materials – Health monitoring of Structures- Structural repairs</p>
<b>6.</b>	<p><b>Dr. G. Rajesh Kumar</b> Professor Ph.D. <b>Research Interests:</b> High Strength, High performance Concrete, structural behavior, self compacting &amp; self curing concrete</p>
<b>7.</b>	<p><b>Dr. C.S.R.K. Prasad</b> Professor Ph.D. <b>Research Interests:</b> Travel demand modeling, traffic system design, GIS in transportation, intelligent transportation systems, low volume roads, freight transportations policy and financing.</p>
<b>8.</b>	<p><b>Dr. Deva Pratap</b> Professor Ph.D. <b>Research Interests:</b> Engineering Geology, Hydrogeology, Applications of geospatial technologies to geology</p>
<b>9.</b>	<p><b>Dr. M. Chandrasekhar</b> Professor Ph.D. <b>Research Interests:</b> Water Quality Management, Material Balances in river basins Solid Waste Management, Environmental Impact Assessment, Wastewater Management</p>
<b>10.</b>	<p><b>Mr. V.N. Kameswara Rao</b> Associate Professor M.Tech <b>Research Interests:</b> Hydrology, Fluid Mechanics, Groundwater Modelling</p>
<b>11.</b>	<p><b>Dr. M. Sudhakar</b> Associate Professor M. Tech. <b>Research Interests:</b> Steel Fiber reinforced Concrete</p>



12.	<p><b>Dr. E.Venkata Rathnam</b> Associate Professor Ph.D. <b>Research Interests:</b> Hydraulic Transients, Urban Water Management, ISOTOPE Hydrology</p>
13.	<p><b>Dr. P. Hari Krishna</b> Associate Professor Ph.D. <b>Research Interests:</b> Geo-environmental Engineering, Granular Piles, Soil- Structure Interaction.</p>
14.	<p><b>Dr. V. Ramana Murty</b> Associate Professor Ph.D. <b>Research Interests:</b> Ground Improvement, Geosynthetics.</p>
15.	<p><b>Dr. P. Rathish Kumar</b> Associate Professor Ph. D (India) Dr. Engg (Japan) <b>Research Interests:</b> Special Concretes, Rehabilitation of Structures, Structural Health Monitoring, Recycled aggregate in concrete self curing concrete, self compacting concrete sustainable materials in construction</p>
16.	<p><b>Dr. T.D. Gunneswara Rao</b> Associate Professor Ph.D. <b>Research Interests:</b> Fracture Mechanics of concrete structure, NDT, Sustainable building materials, Geopolymer concretes, steel fiber reinforced concrete.</p>
17.	<p><b>Dr. M. Heera Lal</b> Associate Professor M. Tech. <b>Research Interests:</b> Recycled Aggregate in Rigid Pavement, Geo-environmental Engg.</p>
18.	<p><b>Dr. K. Venkata Reddy</b> Assistant Professor Ph.D. <b>Research Interests:</b> Watershed modelling systems; Applications of geospatial technologies for water, environmental and transportation engineering , web and open source based geospatial systems for rural and urban environments, Climate change impact studies on natural and anthropogenic systems</p>
19.	<p><b>Dr. Venkaiah Chowdary</b> Assistant Professor Ph.D. <b>Research Interests:</b> Characterization of asphalt binders and mixtures, asphalt pavement analysis, design and evaluation.</p>
20.	<p><b>Dr. S. Venkateswara Rao</b> Assistant Professor Ph.D. <b>Research Interests:</b> Special Concretes like Self Compacting Concrete, Nano materials in cement mortars and self computing concrete, recycled aggregate based scc</p>
21.	<p><b>Dr. P. Hariprasad Reddy</b> Assistant Professor Ph.D. <b>Research Interests:</b> Soil pollutant Interaction, Contaminant transport through porous media, Bio-remediation</p>
22.	<p><b>Dr. K.V.R. Ravi Shankar</b> Assistant Professor Ph.D. <b>Research Interests:</b> Mixed traffic flow modeling and simulation model development, lane changing behavior analysis and modeling of non-lane based behavior in mixed traffic, capacity analysis of highways under mixed traffic conditions, analysis and implementation of Intelligent Transportation Systems, pedestrian behavioral analysis and modelling.</p>

23.	<b>Dr. D. Ravi Prasad</b> Assistant Professor Ph.D. <b>Research Interests:</b> Structural dynamics, concerti materials, structural health monitoring
24.	<b>Dr. Ajey Kumar Patel</b> Assistant Professor Ph.D. <b>Research Interests:</b> Computational Fluid Dynamics, Environmental Hydraulics, Wastewater Engineering
25.	<b>Dr. M. Shashi</b> Assistant Professor Ph.D. <b>Research Interests:</b> Advanced Surveying, Photogrammetry
26.	<b>Dr. K. Gopi Krishna</b> Assistant Professor Ph.D. <b>Research Interests:</b> Computational Mechanics, Computational Structural Dynamics, Wavelets, Finite element Analysis, Fragility Analysis of RC Structures, multi scale modeling
27.	<b>Dr. S. Shankar</b> Assistant Professor Ph.D. <b>Research Interests:</b> Low volume roads, pavement management system, pavement material, Geo synthetics and coir geo textile.
28.	<b>Ms. Y. Navatha</b> Assistant Professor M. Tech. <b>Research Interests:</b> Applications of RS&GIS in Rural Development, Open source GIS, Image Processing, Remote sensing, Photogrammetry
29.	<b>Dr. P. Venkateswara Rao</b> Assistant Professor Ph.D. <b>Research Interests:</b> Water and wastewater treatment and waste management
30.	<b>Dr. Rakesh J. Pillai</b> Assistant Professor Ph.D. <b>Research Interests:</b> Soft Clay Engineering, Cyclic Behaviour of Soils, Constitutive modeling in Geotechnical Engineering, Tunnelling
31.	<b>Dr. G. Kalyan Kumar</b> Assistant Professor Ph.D. <b>Research Interests:</b> Seismic Hazard Analysis, Earthquake Geotechnical Engg., Environmental Geotechnics, GIS
32.	<b>Dr. M.V.N. Siva Kumar</b> Assistant Professor Ph.D. <b>Research Interests:</b> Computational Mechanics, Fracture Mechanics Applications in Metals and Concrete, Earthquake Engineering, Rheology of concrete
33.	<b>Dr. Arpan Mehar</b> Assistant Professor M.Tech. <b>Research Interests:</b> Microscopic and macroscopic traffic flow, simulation modelling and behaviour analysis, pavement engineering, railway engineering.
34.	<b>Dr. T. Phanirama Tezeswi</b> Assistant Professor Ph.D. <b>Research Interests:</b> Structural Mechanics/ Dynamics, Blast and Seismic Design, Composite Materials, Cement Micro structure, Molecular Dynamics, Disaster Mitigation, Multi scale modeling, Agent Based modeling.

<b>ELECTRICAL ENGINEERING DEPARTMENT</b>	
<b>1.</b>	<p><b>Dr. M. Sydulu</b> Professor Ph.D. <b>Research Interests:</b> Real-time control of power systems, Bio-inspired algorithms for power system optimization problems, reactive power planning and control, State Estimation and observability studies, Load Flows, Optimal Power Flows, Distribution Studies, Application of AI and Meta-heuristic Techniques to Power Systems</p>
<b>2.</b>	<p><b>Dr. D. M. Vinod Kumar</b> Professor Ph.D. <b>Research Interests:</b> Artificial Intelligence Applications to Power System, Power system Deregulation, Real-Time control of Power system, Power System Operation and Control, Smart Grid and Micro Grid, Power system stability and state estimation</p>
<b>3.</b>	<p><b>Dr. D. V. S. S. Siva Sarma</b> Professor Ph.D. <b>Research Interests:</b> Power Quality, Power System Protection, Condition Monitoring and Fault Diagnosis, Wavelet and power electronic applications in power systems</p>
<b>4.</b>	<p><b>Dr. N. Surahmanyam</b> Professor &amp; Head Ph.D. <b>Research Interests:</b> Power Systems, Distribution System planning and automation studies, integration of distributed generation resources to grid</p>
<b>5.</b>	<p><b>Dr. Bhagwan K Murthy</b> Professor Ph.D. <b>Research Interests:</b> Renewable Energy, DSP controlled Power Electronic Drives</p>
<b>6.</b>	<p><b>Dr. V. T. Somasekhar</b> Professor Ph.D. <b>Research Interests:</b> Multilevel Inversion and Open-end Winding Induction Motor Drives</p>
<b>7.</b>	<p><b>Dr. N. Vishwanathan</b> Professor Ph.D. <b>Research Interests:</b> Switched Mode Power Conversion, Electrical Drives, Induction heating applications, LED power drivers</p>
<b>8.</b>	<p><b>Dr. N. V. Srikanth</b> Associate Professor Ph.D. <b>Research Interests:</b> Power System Stability and Control, AI Technique Application to Power Systems, Optimal location of FACTS devices and HVDC light systems</p>
<b>9.</b>	<p><b>Dr. S. Srinivasa Rao</b> Associate Professor Ph.D. <b>Research Interests:</b> Renewable Energy systems, DSP controlled Drives</p>
<b>10.</b>	<p><b>Sri. Ch. Venkaiah</b> Associate Professor M.Tech <b>Research Interests:</b> Intelligent transmission management, Power System Deregulation; Power System Optimization; AI Technique applications to Power Systems; Effectual Entrepreneurship and Technology based Entrepreneurship Development, Economics and financing of RE systems, power procurement strategies and power exchanges</p>
<b>11.</b>	<p><b>Dr. M. Sailaja Kumari</b> Associate Professor Ph.D. <b>Research Interests:</b> Transmission Pricing, Ancillary Services and Renewable energy resources in Power systems</p>



12.	<p><b>Sri. B. Nagu</b> Assistant Professor M.Tech <b>Research Interests:</b> Power System Stability, HVDC Controls, AI Techniques applications to Power Systems</p>
13.	<p><b>Dr .S. Porpandiselvi</b> Assistant Professor Ph.D. <b>Research Interests:</b> Induction heating applications, Power electronic drive applications</p>
14.	<p><b>Sri. P. Srinivasan</b> Assistant Professor M.Tech <b>Research Interests:</b> Multi-Level Inverters and open end winding Induction motor drives</p>
15.	<p><b>Sri. Y. Chandrashekar</b> Assistant Professor M.Tech <b>Research Interests:</b> AI Technique Applications to Power Systems, Bio-inspired Optimization techniques in power systems, Smart Grid and Micro-grid, Distributed Generation</p>
16.	<p><b>Sri. Ch. Ramulu</b> Assistant Professor M.Tech <b>Research Interests:</b> Multi-Level Inverter Fed Open end Induction Motor Drive, Power Electronic Applications to Renewable Energy Source Conversion Systems (PV-Source), Design, Modeling and Simulation of Power Converters, PWM Control Techniques</p>
17.	<p><b>Dr. P. Suresh Babu</b> Assistant Professor Ph.D. <b>Research Interests:</b> Power System Protection, Adaptive Protection Schemes, Digital Filtering Algorithms, Digital Multi-Function Relays</p>
18.	<p><b>Dr. Sachin Jain</b> Assistant Professor Ph.D. <b>Research Interests:</b> Power Electronics Drive applications to renewable energy systems, lighting and agricultural drives</p>
19.	<p><b>Dr. A. V. Giridhar</b> Assistant Professor Ph.D. <b>Research Interests:</b> High Voltage Engineering, Condition Monitoring and Diagnostics of High Voltage Insulation Systems and non-dielectrics</p>
20.	<p><b>Dr. B. L. Narasimha Raju</b> Assistant Professor Ph.D. <b>Research Interests:</b> Power Electronics – Converters &amp; Inverters, Power Quality and Grid Interface, Power Electronic Drive applications to RE systems and lighting</p>
21.	<p><b>Dr. A. Kirubakaran</b> Assistant Professor Ph.D. <b>Research Interests:</b> Power Electronic converters, Multi-Level Converters, Power Quality, Fuel cell based distributed generation systems and Grid Interface</p>
22.	<p><b>Dr. M. Udaya Bhasker</b> Assistant Professor Ph.D./Spain <b>Research Interests:</b> Power electronic applications to smart grid and micro grid technologies, Development of driver circuit for energy efficient light emitting diodes.</p>
23.	<p><b>Dr. G. Siva Kumar</b> Assistant Professor Ph.D. <b>Research Interests:</b> Power Electronic Applications to Power Systems, Power quality</p>

24.	<b>Dr. D. Sreenivasa Rao</b> Assistant Professor Ph.D. <b>Research Interests:</b> Power Electronic Drives, Power Quality, Custom power devices, FACTS devices and Multi-Level Inverters
25.	<b>Sri. T. Vinay Kumar</b> Assistant Professor M.Tech <b>Research Interests:</b> Power Electronic Drives and Multi-Level Inverters
26.	<b>Sri. P. Chandrasekhar</b> Assistant Professor M.Tech <b>Research Interests:</b> Micro Grid and Smart Grid Control, Energy Management System, Application of Soft Computing to Power Quality Problems and Demand response control

### MECHANICAL ENGINEERING DEPARTMENT

1.	<b>Dr. Rapur Venkatachalam</b> Professor Ph.D. <b>Research Interests:</b> Design, Dynamics, Kinematics
2.	<b>Dr.K.Madhu Murthy</b> Professor Ph.D. <b>Research Interests:</b> Enterpreneurship, Bio-fuels, Thermal Engineering
3.	<b>Dr. A.V.Narasimha Rao</b> Professor Ph.D. <b>Research Interests:</b> Solar Energy.
4.	<b>Dr. Lanka Krishnanand</b> Professor Ph.D. <b>Research Interests:</b> Industrial Engineering, CAD/CAM, Rapid Prototyping, Supply Chain Management
5.	<b>Dr C S P Rao</b> Professor Ph.D. <b>Research Interests:</b> CAD/CAM, CIM, Rapid Prototyping, Simulation, Evolutionary Computing, Metal Matrix and Nano Composites and Machining.
6.	<b>Dr. S. S. Rao</b> Professor Ph.D. <b>Research Interests:</b> Thermal, I.C. Engines, Experimental Heat Transfer, Solar Energy.
7.	<b>Dr. P. Bangaru Babu</b> Professor Ph.D. <b>Research Interests:</b> Design, Vibration Control, Finite Element Analysis, Mechanisms.
8.	<b>Dr. Gururaja Rao C</b> Professor Ph.D. <b>Research Interests:</b> Thermal, Heat Transfer, CFD, Refrigeration and Air Conditioning, Cooling of Electric Equipment.
9.	<b>Dr. A. Venugopal</b> Professor Ph.D. <b>Research Interests:</b> Conventional and Un-Conventional Machining, Rapid Prototyping, Metrology



10.	<b>Dr. A. Neelakanteswara Rao</b> Professor Ph.D. <b>Research Interests:</b> Operations Management, Supply Chain Management, Quality Engineering and Management
11.	<b>Dr. Amba Prasada Rao G</b> Professor Ph.D. <b>Research Interests:</b> IC Engines, Alternate Fuels, Emissions control and Renewable sources of Energy
12.	<b>Dr. Selvaraj N</b> Professor Ph.D. <b>Research Interests:</b> Simulation, FMS, CNC machines, Pull Systems, Engineering Materials.
13.	<b>Dr. Ravi Kumar Puli</b> Professor E.E.M(Leeds,U.K) <b>Research Interests:</b> IC Engines, Alternate Fuels, Design of Air Car, Fuel Cell Car(Solar/Hydrogen), Engine Simulation
14.	<b>Dr. K. V.Sai Srinadh</b> Professor Ph.D. <b>Research Interests:</b> Mechanical Behavior of Materials, Manufacturing Processes.
15.	<b>Dr. R. Narasimha Rao</b> Associate Professor Ph.D. <b>Research Interests:</b> Tribology, Design of Bearings, Finite Element Methods, Advanced Light Weight Composites
16.	<b>Dr. Kumar. A</b> Associate Professor Ph.D. <b>Research Interests:</b> Friction Stir Welding, Friction Stir Processing, Electrical Discharge Machining, Stir Casting and TIG welding
17.	<b>Dr. V. Suresh Babu</b> Associate Professor Ph.D. <b>Research Interests:</b> Design, Vibration, Condition Monitoring, Composite Materials.
18.	<b>Sri. Venkateswara Rao G</b> Associate Professor M Tech <b>Research Interests:</b> Production Engineering
19.	<b>Sri. Gupta G R K</b> Associate Professor M Tech <b>Research Interests:</b> Thermal Engineering
20.	<b>Sri. Ashok kumar Reddy I</b> Associate Professor M Tech <b>Research Interests:</b> Production Engineering
21.	<b>Dr. A. Veeresh Babu</b> Assistant Professor Ph.D. <b>Research Interests:</b> Alternate Fuels and Emissions, Heat Transfer, IC Engines, Refrigeration and Air conditioning
22.	<b>Dr. Y. Ravi Kumar</b> Assistant Professor Ph.D. <b>Research Interests:</b> CAD/CAM/CIM, Rapid Prototyping, Bio-CAD, Bio-RP



23.	<p><b>Dr. N. Venkaiah</b> Assistant Professor Ph.D. <b>Research Interests:</b> Metrology, Machining, Mechatronics, Optimization Techniques, Computational Geometric Techniques.</p>
24.	<p><b>T. Sadasiva Rao</b> Assistant Professor M Tech <b>Research Interests:</b> Machining, Manufacturing Engg.</p>
25.	<p><b>Dr P. S. C. Bose</b> Assistant Professor Ph.D. <b>Research Interests:</b> Machining, Manufacturing Engg.</p>
26.	<p><b>Dr M J Davidson</b> Assistant Professor Ph.D. <b>Research Interests:</b> Metal Forming, Computational Material Science, CAD/CAM</p>
27.	<p><b>Dr. G. Naga Srinivasulu</b> Assistant Professor Ph.D. <b>Research Interests:</b> PEM Fuel Cell, Heat Transfer, IC Engines, Turbo Machines</p>
28.	<p><b>Dr. Velagapudi Vasu</b> Assistant Professor Ph.D. <b>Research Interests:</b> Nano materials, Nano composites, Manufacturing, Mechatronics.</p>
29.	<p><b>Dr. Srikanth K</b> Assistant Professor Ph.D. <b>Research Interests:</b> Piezoelectric Energy Harvesting, Structural Health Monitoring, Engineering Design, Micro Air Vehicles.</p>
30.	<p><b>Dr. V. Rajesh Khana Raju</b> Assistant Professor Ph.D. <b>Research Interests:</b> Thermal Engineering, Fluid Dynamics, CFD, Combustion.</p>
31.	<p><b>Dr. Kiran Kumar K</b> Assistant Professor Ph.D. <b>Research Interests:</b> Heat Transfer, Refrigeration and Air Conditioning, Nanofluids, Solar Thermal systems</p>
32.	<p><b>Dr. Hari Kumar V</b> Assistant Professor Ph.D. <b>Research Interests:</b> Geometric Modeling for CAD, FEM, Optimization, Robotics.</p>
33.	<p><b>Dr. Devanuri Jaya Krishna</b> Assistant Professor Ph.D. <b>Research Interests:</b> Thermal, Heat Transfer, CFD, Solar Energy.</p>
34.	<p><b>Dr. Chandramohan V.P.</b> Assistant Professor Ph.D. <b>Research Interests:</b> Thermal, Computational Fluid Dynamics, Convection and conduction heat transfer, Drying and Simultaneous heat and mass transfer, Experimental heat transfer, Alternative fuels and Hydrogen fuel cell.</p>
35.	<p><b>Dr Kanmani Subbu</b> Assistant Professor Ph.D. <b>Research Interests:</b> Manufacturing</p>



36.	<p><b>Dr. Syed Ismail</b> Assistant Professor Ph.D. <b>Research Interests:</b> Design, Tribology, Surface Texturing and Hydrodynamics Lubrication</p>
37.	<p><b>Dr. Satish Ben</b> Assistant Professor Ph.D. <b>Research Interests:</b> Design, MMC</p>
38.	<p><b>Sri Raghavendra Gujjala</b> Assistant Professor M Tech <b>Research Interests:</b> Manufacturing, Composites, Nano Technology, Tribology, Materials Engineering</p>
39.	<p><b>Dr Karthik Balasubramanian</b> Assistant Professor Ph.D. <b>Research Interests:</b> Thermal, Flow boiling, Micro-Fluids, Thermal management.</p>
40.	<p><b>Dr. P. Vamsi Krishna</b> Assistant Professor Ph.D. <b>Research Interests:</b> Manufacturing, Nano fluids, Machining process, Nanotechnology.</p>
41.	<p><b>Dr. Subhankar Sen</b> Assistance Professor Ph.D. <b>Research Interest:</b> Flow Past bluff bodies, Fluid Structure interaction, Finite Element in Fluids.</p>

## ELECTRONICS AND COMMUNICATION ENGINEERING

1.	<p><b>Prof. KSR. Krishna Prasad</b> Professor Ph.D. <b>Research Interests:</b> VLSI</p>
2.	<p><b>Prof. N.V.S.N. Sarma</b> Professor Ph.D. <b>Research Interests:</b> Antennas, Sensor Networks</p>
3.	<p><b>Sri. M.V. Ragunadh</b> Associate Professor M.E/M.Tech <b>Research Interests:</b> Image Processing</p>
4.	<p><b>Dr. C.B. Rama Rao</b> Associate Professor Ph.D. <b>Research Interests:</b> Instrumentation and Adaptive Signal Processing</p>
5.	<p><b>Sri. K. Ravi Kishore</b> Associate Professor M.E/M.Tech <b>Research Interests:</b> Wireless Sensor Networks</p>
6.	<p><b>Sri. S.K.L.V. Sai Prakash</b> Associate Professor M.E/M.Tech <b>Research Interests:</b> Computer Networks</p>
7.	<p><b>Sri. P. Hari Krishna Prasad</b> Associate Professor M.E/M.Tech <b>Research Interests:</b> Communication Networks</p>

8.	<b>Dr. B. Laxmi</b> Associate Professor Ph.D. <b>Research Interests:</b> Digital VLSI
9.	<b>Dr. N. Bheema Rao</b> Associate Professor Ph.D. <b>Research Interests:</b> Device Modelling, RF on-chip Inductor
10.	<b>Dr. T. Kishore Kumar</b> Associate Professor Ph.D. <b>Research Interests:</b> Signal Processing
11.	<b>Dr. L. Anjaneyulu</b> Associate Professor Ph.D. <b>Research Interests:</b> Networks, Radar Signal Processing
12.	<b>Sri. K.V. Sridhar</b> Associate Professor M.E/M.Tech <b>Research Interests:</b> BioMedical Signal Processing
13.	<b>Sri. T. V. K. Hanumanth Rao</b> Associate Professor M.E/M.Tech <b>Research Interests:</b> BioMedical Signal Processing
14.	<b>Dr. P. Sri Hari Rao</b> Associate Professor Ph.D. <b>Research Interests:</b> Analog and Mixed IC Design
15.	<b>Sri. Amara Prakash Rao</b> Associate Professor M.E/M.Tech <b>Research Interests:</b> Smart Antennas Systems and Optimization Techniques
16.	<b>Sri. P. Muralidhar</b> Associate Professor M.E/M.Tech <b>Research Interests:</b> VLSI Architectures
17.	<b>Smt. P. Prithvi</b> Assistant Professor M.E/M.Tech <b>Research Interests:</b> Speaker Identification
18.	<b>Smt. V. Rama</b> Assistant Professor M.E/M.Tech <b>Research Interests:</b> BioMedical Signal Processing
19.	<b>Sri. Ravi Kumar Jatoth</b> Assistant Professor M.E/M.Tech <b>Research Interests:</b> Signal Processing
20.	<b>Dr. Damera Vakula</b> Assistant Professor Ph.D. <b>Research Interests:</b> Antenna Arrays, Microwave Components, Neural Networks
21.	<b>Sri. K. Sarangam</b> Assistant Professor M.E/M.Tech <b>Research Interests:</b> Low Power Analog IC Design, Low Power/ Low Voltage ADC



22.	<b>Dr. S. Anuradha</b> Assistant Professor Ph.D. <b>Research Interests:</b> Wireless Channel Modeling
23.	<b>Dr. Venkata Mani V</b> Assistant Professor Ph.D. <b>Research Interests:</b> Wideband Communication

### METALLURGICAL AND MATERIALS ENGINEERING

1.	<b>Dr. M.K. Mohan</b> Professor Ph.D. <b>Research Interests:</b> Nonferrous Extractive Metallurgy, Remediation of Heavy Metal Wastes, Corrosion Engineering
2.	<b>Dr. P. Surya Prakash Rao</b> Professor Ph.D. <b>Research Interests:</b> Iron Iron & Steel Production, Mineral Dressing, Extractive Metallurgy
3.	<b>Dr. G.V.S. Nageswara Rao</b> Professor Ph.D. <b>Research Interests:</b> Powder Metallurgy, Surface Engineering, Materials Testing and Characterization, Thermo-mechanical Processing, Nanomaterials
4.	<b>Sri P. Ravindar</b> Assoc. Professor M.Tech <b>Research Interests:</b> Foundry Technology
5.	<b>Dr. N. Narasaiah</b> Assoc. Professor Ph.D. <b>Research Interests:</b> Mechanical Behaviour of Materials, Fatigue, Fracture Mechanics, Failure Analysis
6.	<b>Dr. C. Vanitha</b> Asst Professor Ph.D. <b>Research Interests:</b> Physical Metallurgy, , Texture, Nuclear Materials, Light Metals & Alloys, Corrosion
7.	<b>Dr. Asit Kumar Khanra</b> Asst. Professor Ph.D. <b>Research Interests:</b> Powder Metallurgy, Materials Processing & Microstructure Evolution, Ceramics, Electrical Discharge Machining (EDM), Corrosion
8.	<b>Mr.V. Rangadhara Chary</b> Asst. Professor M.Tech <b>Research Interests:</b> High Performance Structural Ceramics, High Entropy alloys Phase Transformations, Thermodynamics of Materials
9.	<b>Dr. Ajoy Kumar Pandey</b> Asst. Professor Ph.D. <b>Research Interests:</b> Mechanical Metallurgy, Bio-Ceramics, Powder Metallurgy



10.	<b>Dr. Brahma Raju Golla</b> Asst. Professor Ph.D. <b>Research Interests:</b> Ultra High Temperature Ceramics, Advanced Materials Processing, Physical Metallurgy, Tribology of Materials, Thin film coatings
11.	<b>Dr. R. Arockia Kumar</b> Asst. Professor Ph.D. <b>Research Interests:</b> Shape Memory Alloys, Grain Boundary Engineering, Physical Metallurgy, Severe Plastic Deformation
12.	<b>Dr. Bonta Srinivasa Rao</b> Asst. Professor Ph.D. <b>Research Interests:</b> Microstructure - Process - Property relationships, Ultrafine/Nanocrystalline Materials, Phase Transformations, High Pressure Studies, Metastable Microstructures
13.	<b>Dr. G.S. Reddy</b> Visiting Professor <b>Research Interests:</b> Physical Metallurgy & Materials Engineering, Phase Transformations in Materials, High Temperature Materials, Nanoscience and Nanotechnology, Special Steels, Numerical Simulation of Solidification Processes

### CHEMICAL ENGINEERING DEPARTMENT

1.	<b>Dr. G. Venkat Reddy</b> Professor Ph.D. <b>Research Interests:</b> Fluidized Bed combustion, Reactive Distillation, Fluidized Bed Bio Reactors, Modeling Simulation and Optimization
2.	<b>Dr. R C Sastry</b> Professor Ph.D. <b>Research Interests:</b> Plate heat exchangers, Biomass gasification, Nano fluids, CFD
3.	<b>Dr. Y. Pydi Setty</b> Professor Ph.D. Fluidization Engineering, Wastewater Treatment, Bioreactors, Biochemical Engineering
4.	<b>Mr. A. Sarath Babu</b> Associate Professor M.Tech <b>Research Interests:</b> Modeling and simulation, chemical reaction Engineering
5.	<b>Dr. A. Venu Vinod</b> Associate Prof. & Head Ph.D. <b>Research Interests:</b> Biological Wastewater treatment, Bioreactors, CFD, Heat Transfer Enhancement, Spout-Fluid beds
6.	<b>Mrs. K. Srivani</b> Associate Professor M.Tech <b>Research Interests:</b> Biochemical Engineering
7.	<b>Dr. Shirish Sonawane</b> Associate Professor Ph.D. <b>Research Interests:</b> Production of Nano Materials, Nano Fluids, Heat Transfer using Nano Fluids, Chemical Reaction Engineering, Microreactors, Process intensification water water treatment, nanocontainers, Self healing coatings, Anti corrosion coating, cavitation



8.	<p><b>Mr. K. Anand Kishore</b> Associate professor M.Tech <b>Research Interests:</b> Separation processes, Modeling and Optimization, Energy, Biochemical Engineering, Waste water treatment, Membrane separations, Reactive distillation, Chemical process equipment design, Pharmaceuticals, nanotechnology.</p>
9.	<p><b>Dr. S. Srinath</b> Associate Professor Ph.D. <b>Research Interests:</b> Fluidized Bed combustion, Modeling and simulation, Gasification Renewable energy, Reactive Distillation, Nano Technology, Micro Reactors.</p>
10.	<p><b>Dr. A. Seshagiri Rao</b> Associate Professor Ph.D. <b>Research Interests:</b> Process Control, Wastewater Treatment</p>
11.	<p><b>Dr. T. Sunil Kumar</b> Assistant Professor Ph.D. <b>Research Interests:</b> Modeling &amp; Simulation, Microfluidics, Corrosion, Moving Boundary Problems</p>
12.	<p><b>Dr. P V Suresh</b> Assistant Professor Ph.D. <b>Research Interests:</b> Fuel cells, Chemical Looping Combustion, CFD, Modelling &amp; Simulation</p>
13.	<p><b>Dr. G. Uday Bhaskar Babu</b> Assistant Professor Ph.D. <b>Research Interests:</b> Process Intensification, Process control, Modeling and Simulation</p>
14.	<p><b>Dr. Muralimohan Seepana</b> Assistant Professor Ph.D. <b>Research Interests:</b> Membranes, Flow Batteries, Fuel cell, Membrane Separation</p>
15.	<p><b>Dr. R Anandalakshmi</b> Assistant Professor Ph.D. <b>Research Interests:</b> Process modeling and simulation, Computational fluid dynamics (CFD), Energy efficient design of engineering systems</p>
16.	<p><b>Dr. Ramsagar</b> Assistant Professor Ph.D. <b>Research Interests:</b> Chemical Process Scheduling, Process Modeling &amp; simulation</p>
17.	<p><b>Dr. Vidyasagar Shilapuram</b> Assistant Professor Ph.D. <b>Research Interests:</b> Sustainable Energy Technologies; Multi-phase flow; Chemical reactor analysis and design; Modeling &amp; Simulation</p>

### COMPUTER SCIENCE & ENGINEERING

1.	<p><b>Dr. T. Ramesh</b> Professor Ph.D. <b>Research Interests:</b> Optimization Techniques, Programming Languages, Parallel Computing</p>
2.	<p><b>Dr.D.V.L.N. Somayajulu</b> Professor Ph.D. <b>Research Interests:</b> Database management Systems, Distributed Databases, Data Warehousing and Data Mining</p>



3.	<p><b>Dr. B. B. Amberker</b> Professor Ph.D. <b>Research Interests:</b> Cryptography, Information Security, Secure Multi party Computation</p>
4.	<p><b>Dr. S. G. Sanjeevi</b> Professor Ph.D. <b>Research Interests:</b> Neural Networks, Computational Intelligence, Machine Learning and Soft Computing</p>
5.	<p><b>Dr. K. Ramesh</b> Associate Professor PhD <b>Research Interests:</b> Architectures and Coding infrastructures in Computer Networked, Service-oriented, Distributed, Secured, Cluster and Cloud Computing Environments in pursuit of Model Driven Framework-oriented Systems and Applications Software.</p>
6.	<p><b>Dr. Ch. Sudhakar</b> Associate Professor Ph.D. <b>Research Interests:</b> Distributed Systems and Parallel Processing</p>
7.	<p><b>Dr. R.B.V. Subramanyam</b> Associate Professor Ph.D. <b>Research Interests:</b> Data Mining and Data warehousing</p>
8.	<p><b>Dr. R. Padmavathy</b> Assistant Professor Ph.D. <b>Research Interests:</b> Cryptanalysis and Information Security</p>
9.	<p><b>S. Ravi Chandra</b> Assistant Professor M.Tech. <b>Research Interests:</b> Graphics &amp; Multimedia, Software Engineering</p>
10.	<p><b>Dr. B. Raju</b> Assistant Professor Ph.D. <b>Research Interests:</b> Bio-Informatics</p>
11.	<p><b>T. Ramakrishnu</b> Assistant Professor M.Tech. <b>Research Interests:</b> Database Systems, Data mining</p>
12.	<p><b>Dr. K.V. Kadambari</b> Assistant Professor Ph.D. <b>Research Interests:</b> Computational neuroscience, Modeling and simulation, Machine learning and Artificial Intelligence</p>
13.	<p><b>Dr. U.S.N. Raju</b> Assistant Professor Ph.D. <b>Research Interests:</b> Computer Vision and Image Processing</p>



14.	<b>Dr. P. VenkataSubba Reddy</b> Assistant Professor Ph.D. <b>Research Interests:</b> Algorithms and Graph Theory
15.	<b>Dr. Rashmi Ranjan Rout</b> Assistant Professor Ph.D. <b>Research Interests:</b> Mobile Computing, Wireless Ad-hoc and Sensor Networks, Computer Networks, Cyber Physical Systems and Security

### BIOTECHNOLOGY DEPARTMENT

1.	<b>Sri. Onkara Perumal P</b> Asst.Professor M.Tech <b>Research Interests:</b> Bioinformatics
2.	<b>Dr. Narasimhulu K</b> Asst.Professor Ph.D. <b>Research Interests:</b> Environmental Biotechnology, biofuels
3.	<b>Dr. Sreenivasa Rao P</b> Asst.Professor Ph.D. <b>Research Interests:</b> Downstream Processing, Stem Cell Engineering
4.	<b>Dr. R. Satish Babu</b> Asst.Professor Ph.D. <b>Research Interests:</b> Bioprocess Engineering
5.	<b>Sri. B. Rama Raju</b> Asst.Professor M.Tech <b>Research Interests:</b> Metabolic Engineering
6.	<b>Dr. V. Kohila</b> Asst.Professor Ph.D. <b>Research Interests:</b> Gene Therapy
7.	<b>Dr. Prakash Saudagar</b> Asst.Professor Ph.D. <b>Research Interests:</b> Molecular Parasitology
8.	<b>Dr. Asim Bikas Das</b> Asst.Professor Ph.D. <b>Research Interests:</b> Cancer Biology
9.	<b>Dr. Urmila Saxena</b> Asst.Professor Ph.D. <b>Research Interests:</b> Biosensors
10.	<b>Dr. Amitava Bandhu</b> Asst.Professor Ph.D. <b>Research Interests:</b> Gene Regulation



HUMANITIES AND SOCIAL SCIENCES DEPARTMENT	
1.	<p><b>Dr. D.S.Kesava Rao</b> Professor Ph.D. <b>Research Interests:</b> British and Commonwealth Literature and ELT</p>
2.	<p><b>Dr. M. Raja Vishwanathan</b> Assistant Professor Ph.D. <b>Research Interests:</b> English Language Teaching</p>
3.	<p><b>Dr. Madhavi Kesari</b> Assistant Professor Ph.D. <b>Research Interests:</b> English Language Teaching</p>

MATHEMATICS DEPARTMENT	
1.	<p><b>Dr. G. Radha krishnamacharya</b> Professor Ph.D. <b>Research Interests:</b> Bio-Fluid Mechanics; Fluid Mechanics; Heat transfer</p>
2.	<p><b>Dr.Y.N.Reddy</b> Professor Ph.D. <b>Research Interests:</b> Numerical Analysis</p>
3.	<p><b>Dr. K.N.S.Kasi Viswanadham</b> Professor Ph.D. <b>Research Interests:</b> Finite Element Methods</p>
4.	<p><b>Dr. J. V. Ramanamurthy</b> Professor Ph.D. <b>Research Interests:</b> Fluid Mechanics; Non-Newtonian fluid flows; Heat transfer</p>
5.	<p><b>Dr Debashis Dutta</b> Professor Ph.D. <b>Research Interests:</b> Operations Research &amp; Statistics</p>
6.	<p><b>Dr. D. Srinivasacharya</b> Associate Professor Ph.D. <b>Research Interests:</b> Fluid Mechanics - Micropolar and couple stress fluids -Convective heat and mass transfer - porous media – CFD</p>
7.	<p><b>Dr. P.Muthu</b> Associate Professor Ph.D. <b>Research Interests:</b> Biomechanics &amp;CFD.</p>
8.	<p><b>Dr. Pranitha J</b> Assistant Professor Ph.D. <b>Research Interests:</b> Fluid Dynamics</p>
9.	<p><b>Dr. R. S. Selvaraj</b> Assistant Professor Ph.D. <b>Research Interests:</b> Algebraic Coding Theory</p>
10.	<p><b>Dr. Hari Ponnamma Rani</b> Assistant Professor Ph.D. <b>Research Interests:</b> Computational Fluid Dynamics</p>





11.	<b>Dr A Benerji Babu</b> Assistant Professor Ph.D. <b>Research Interests:</b> Fluid Dynamics
12.	<b>Dr. D. Bhargavi</b> Assistant Professor Ph.D. <b>Research Interests:</b> Computational Fluid Dynamics
13.	<b>Dr.Kurmayya T</b> Assistant Professor Ph.D. <b>Research Interests:</b> Functional Analysis/Linear Algebra
14.	<b>Dr. Ch. Ramreddy</b> Assistant Professor Ph.D. <b>Research Interests:</b> Fluid Dynamics; Computational Methods

### PHYSICS DEPARTMENT

1.	<b>Dr. K. Srimannarayana</b> Professor Ph.D. <b>Research Interests:</b> Lasers & Fiber Optics
2.	<b>Dr. G R C Reddy</b> Professor Ph.D. <b>Research Interests:</b> Photonics
3.	<b>Dr. A. Ramachandra Reddy</b> Professor Ph.D. <b>Research Interests:</b> Nano technology, Super Capacitors
4.	<b>Dr. S.V.S.R. Reddy</b> Professor Ph.D. <b>Research Interests:</b> Applied radio-activity
5.	<b>Dr. L. Ramgopal Reddy</b> Professor Ph.D. <b>Research Interests:</b> Medical Instrumentation, Tropospheric Radio Propagation
6.	<b>Dr. M. Sai Shankar</b> Professor Ph.D. <b>Research Interests:</b> Optical System Design, Fiber Bragg Grating Sensors
7.	<b>Dr. R.L.N. Sai Prasad</b> Professor Ph.D. <b>Research Interests:</b> Electronic Instrumentation, Fiber Optic sensors
8.	<b>Dr. K. Venugopal Reddy</b> Assoc. Prof. Ph.D. <b>Research Interests:</b> Nanoferrites and Nano composites
9.	<b>Dr. B. Shobha</b> Assoc. Prof. Ph.D. <b>Research Interests:</b> Sensors & Related Instrumentation



10.	<b>Dr. D. Dinakar</b> Assoc. Prof. Ph.D. <b>Research Interests:</b> Fiber optic sensors and Vibrational studies
11.	<b>Dr. T. Venkappa Rao</b> Asst. Prof. Ph.D. <b>Research Interests:</b> Condensed matter physics, Polymer Degradation
12.	<b>Dr. P. Syam Prasad</b> Asst. Prof. Ph.D. <b>Research Interests:</b> Bio Glasses & Ceramics
13.	<b>Dr. P. Abdul Azeem</b> Asst. Prof. Ph.D. <b>Research Interests:</b> Bio active glasses, Nano Phosphorous
14.	<b>Dr. Sourabh Roy</b> Asst. Prof. Ph.D. <b>Research Interests:</b> Photonic crystals, Non-linear Optics
15.	<b>Dr. K. Thangaraju</b> Asst. Prof. Ph.D. <b>Research Interests:</b> Organic Semiconductors and Devices
16.	<b>Dr. Kusum Kumari</b> Asst. Prof. Ph.D. <b>Research Interests:</b> Organic Electronics
17.	<b>Dr. D. Paul Joseph</b> Asst. Prof. Ph.D. <b>Research Interests:</b> Condenser Matter Physics- Experimental

### CHEMISTRY DEPARTMENT

1.	<b>Dr. B. V. Appa Rao</b> Professor Ph.D. <b>Research Interests:</b> Electro Chemistry, Corrosion Science, Environmental Chemistry
2.	<b>Dr. A. Ramachandraiah</b> Professor Ph.D. <b>Research Interests:</b> Coordination Chemistry, Electrochemistry, Chemical Education
3.	<b>Dr. G. V. P. Chandramouli</b> Ph.D. Professor <b>Research Interests:</b> Synthetic Organic Chemistry, Heterocyclic Chemistry
4.	<b>Dr. I. Ajit Kumar Reddy</b> Professor Ph.D. <b>Research Interests:</b> Mesoporous Materials, Nano catalysis, Heterogeneous catalysis, Kinetics & Mechanisms of reactions
5.	<b>Dr. P. Nageswara Rao</b> Professor Ph.D. <b>Research Interests:</b> Analytical Method Developments, Instrumental Methods of Analysis, Characterization of Materials.



6.	<b>Dr. K. Laxma Reddy</b> Professor Ph.D. <b>Research Interests:</b> Coordination Chemistry, Environmental Chemistry
7.	<b>Dr. V. Rajeswar Rao</b> Professor Ph.D. <b>Research Interests:</b> Synthetic Organic Chemistry, Heterocyclic Chemistry
8.	<b>Dr. K.V. Gobi</b> Assoc. Professor Ph.D. <b>Research Interests:</b> Electrochemical Biosensors, Nanomaterials, Fuel cell catalysis
9.	<b>Dr. P. V. Srilakshmi</b> Assoc. Professor Ph.D. <b>Research Interests:</b> Bio-organic Chemistry
10.	<b>Dr Vishnu Shanker</b> Asst. Professor Ph.D. <b>Research Interests:</b> Materials Chemistry, Nano science & Technology, Photo catalysis
11.	<b>Dr. Venkatathri Narayanan</b> Asst. Professor Ph.D. <b>Research Interests:</b> Materials Chemistry, Nano science & Technology, Catalysis
12.	<b>Dr. D. Kasinath</b> Asst. Professor Ph.D. <b>Research Interests:</b> Organic synthesis, Medical Chemistry
13.	<b>Dr. B Srinivas</b> Asst. Professor Ph.D. <b>Research Interests:</b> Asymmetric Synthesis
14.	<b>Dr. K Hari Prasad</b> Asst. Professor Ph.D. <b>Research Interests:</b> Carbohydrate chemistry

