

DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

Sl. No.	Name of the Faculty	RESEARCH INTERESTS
1.	Dr. M. UMAPATHY	Sensors and Actuators, Instrumentation System Design, MEMS, Smart Materials, Energy Harvesting, Modeling and Control of Smart Structures, Sliding Mode Control
2.	Dr. K. DHANALAKSHMI	Control systems, smart materials, adaptive structures and intelligent systems
3.	Dr. RAMKALYAN AYYAGARI	Mathematical Control Theory, including Circuits, Intelligent & Nonlinear Control, Numerical Linear Algebra, Data Structures & Algorithms, Complexity Theory and Randomization, Neural Networks and Learning Algorithms, Cyber-Physical Systems, Network Control Problems, Modeling & Intelligent Control of Big data Systems, Path Planning Algorithms for Unmanned Vehicles
4.	Dr. N. SIVAKUMARAN	Theory and practice in the areas of Control System design for Cold Storage in Agriculture and Modelling and Control of Process
5.	Dr. G. UMA	Design and development of instrumentation systems, design of sensors and actuators in meso and micro scale, MEMS, energy harvesting, bio-medical instrumentation, instrumentation and control for emission reduction in automobiles and transducer design using fractional calculus
6.	Dr. B. VASUKI	Instrumentation systems and Interval Analysis.
7.	Mr. GOLDIN RAJESHWAR BENNET	Measurement System Design, Harnessing solar energy, Product design and development
8.	Dr. D. EZHILARASI	Vibration control of smart structures, system identification, multi rate output feedback controllers
9.	Dr. K. SRINIVASAN	Next generation controller, network control system, applying the control system concept in electronic domain and Sensor linearization
10.	Dr. S. Narayanan	Process control, PID control design and control engineering

Sl. No.	Name of the Faculty	RESEARCH INTERESTS
11.	Ms. V. SRIDEVI	Process control and Instrumentation, Embedded system, System identification, Wireless sensor network.
12.	Dr. C. GEETHA	Microwaves, antenna design, sensors, structural health monitoring, and electromagnetic non destructive evaluation
13.	Dr. R. PERIYASAMY	Biomedical Instrumentation, Foot Biomechanics & Diabetes, Diagnostic Device Development, Sensors & Transducer, BioSignal & Image processing
14.	Dr. P. A. KARTHICK	Biosignal and Image Processing, Pattern Recognition Algorithms, Human Machine Interface, Neurological and Neuromuscular Disorders, Muscle Mechanics, Brain Dynamics