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IIITDM welcomes new faculty

Department of Computer Science and Engineering



**Dr. Jagadeesh Kakarla**

Assistant Professor

Ph.D: NIT Rourkela

**Research Interests:** Wireless Sensor Networks , Adhoc Networks , Internet of Things

**E-mail:** [jagadeeshk@iiitdm.ac.in](mailto:jagadeeshk@iiitdm.ac.in)



**Dr. Munesh Singh**

Assistant Professor

Ph.D: National Institute of Technology Rourkela

**Research Interests:** WSNs, IOT, Robotics, Connected Cars, Cloud Computing, and Sensors

**E-mail:** [munesh.singh@iiitdm.ac.in](mailto:munesh.singh@iiitdm.ac.in)

Department of Electronics and Communication Engineering



**Dr. Asutosh Kar**

Assistant Professor

Ph.D: BIT Mesra , Post Doc- Marie-Curie Fellow at Aalborg Univ. , Denmark

**Research Interests:** Advanced Signal Processing, Adaptive Filter Theory, Acoustic Echo and Feedback Signal Analysis, Hearing-Aids, Acoustic Noise Analysis.

**E-mail:** [asutoshkar@iiitdm.ac.in](mailto:asutoshkar@iiitdm.ac.in) | **Room No:** Room No-04, Admin Building



**Dr. B. Chitti Babu**

**Assistant Professor**

**Ph.D:** National Institute of Technology

**Research Interests:** Power Electronics applications in smart distribution grids containing renewable energy resources. , Design of low power photovoltaic (PV) energy system for portable applications including MPPT algorithm. , Control and Grid Integration of Renewable Energy Systems.

**E-mail:** bcbabu@iiitdm.ac.in | **Ph:** 044-2747- 6336 | **Room No:** Faculty 1, First Floor, New Admin Block



**Dr. Kumar Prasannajit Pradhan**

**Assistant Professor**

**Ph.D:** National Institute of Technology Rourkela

**Research Interests:** Modeling & Simulation of Nanoscale Devices, SOI MOSFETs, FinFETs, Negative Capacitance FETs, Radiation Hardened Devices

**E-mail:** kpradhan@iiitdm.ac.in | **Ph:** 044-2747-6373 | **Room No:** 108A, Academic Building



**Dr. Prerna Saxena**

**Assistant Professor**

**Ph.D:** Visvesvaraya National Institute of Technology Nagpur

**Research Interests:** Antenna Design, Metamaterials, Smart Antennas, Antenna Array Pattern Synthesis, Soft Computing Techniques in Electromagnetics, Computational Electromagnetics

**E-mail:** prerna.saxena@iiitdm.ac.in | **Ph:** +91-44-27476368 | **Room No:** 109 A, Laboratory Complex



**Dr. Vijayakumar K**

**Assistant Professor**

**Ph.D:** National Institute of Technology (NIT), Trichy

**Research Interests:** Power Electronics, Instrumentation and Control, Embedded Controllers, Industrial Electronics, Renewable Energy Systems, Home Energy Management System, Smart Grid, Application of IoT in Energy System

**E-mail:** vijayakumar@iiitdm.ac.in | **Ph:** 9549659069 | **Room No:** Room No: 5 C (Admin Building)

Department of Mechanical Engineering



**Dr. Gowthaman Swaminathan**

Assistant Professor

Ph.D: North Carolina A&T State University

Research Interests: Polymers and composites , Nanomaterials , High temperature foams , Experimental mechanics

E-mail: gowthaman@iitdm.ac.in | Ph: +91-44-27476365 | Room No: Faculty Room No:5, Ground Floor, Admin Building



**Dr. Siva Prasad AVS**

Assistant Professor

Ph.D: IIT Kanpur

Research Interests: Damage Mechanics , Dynamic Behaviour of Materials , Meshless Methods

E-mail: avs@iitdm.ac.in | Ph: +91-44-27476385 | Room No: Faculty Room No. 4



**Dr. Shubhankar Chakraborty**

Assistant Professor

Ph.D: Indian Institute of Technology Kharagpur

Research Interests: Heat Transfer, Multiphase flow, Multisensor measurement and data fusion, image processing

E-mail: shubhankar@iitdm.ac.in | Ph: 04427476370 | Room No: Faculty Room 4

Department of Mathematics



**Dr. Nachiketa Mishra**

Assistant Professor

Ph.D: IIT Madras

Research Interests: Partial Differential Equations, Numerical Analysis, Numerical Linear Algebra, Theory of Homogenization, Differential Algebraic Equations

E-mail: nmishra@iitdm.ac.in | Ph: +91-44-2747-6376 | Room No: 05-A (Admin Building)



**Dr. Nil Kamal Hazra**

Assistant Professor

Ph.D: IISER Kolkata

**Research Interests:** Reliability Theory, Applied Probability

**E-mail:** [nkhazra@iiitdm.ac.in](mailto:nkhazra@iiitdm.ac.in)

Department of Physics



**Dr. Anushree P Khandale**

Assistant Professor

Ph.D: RTM Nagpur University

**Research Interests:** Materials for Electrochemical Device Applications (Solid Oxide Fuel cells, Alkaline Fuel Cells, Sensors etc.) , Electrochemical Impedance Spectroscopy

**E-mail:** [anushri.khandale@iiitdm.ac.in](mailto:anushri.khandale@iiitdm.ac.in) | **Room No:** 109 A



**Dr. Jayachandra Bingi**

Assistant Professor

Ph.D: Indian Institute of Technology (IIT) Madras

**Research Interests:** Photonics for Defence and medical applications (Photonic devices and sensors) , Bio-inspired research and development

**E-mail:** [bingi@iiitdm.ac.in](mailto:bingi@iiitdm.ac.in) | **Ph:** 044-27476381 | **Room No:** North wing, 3rd floor, Admin block



**Dr. Vivek Kumar**

Assistant Professor

Ph.D: Indian Institute of Technology Delhi

**Research Interests:** Photovoltaics, Semiconductor Nanostructures, Raman & Photoluminescence Spectroscopy; Electron transfer properties of metalloproteins

**E-mail:** [vivek@iiitdm.ac.in](mailto:vivek@iiitdm.ac.in) | **Ph:** 91- 884 069 4491 | **Room No:** 5 A (Admin Building)