

Overview of Various Departments of IIT Indore and Associated Faculties

S. No.	Department	Description	Link for Faculty Page
1	Department of Astronomy, Astrophysics and Space Engineering (DAASE)	Focusing on a wide range of research topics in the domain of Astronomy and Space weather and navigation studies	https://aase.iiti.ac.in/?page_id=17
2	Department of Biosciences and Biomedical Engineering (BSBE)	Biological sciences and advanced healthcar	https://bsbe.iiti.ac.in/main/faculty
3	Department of Chemistry	Research interests ranging from traditional areas (organic, inorganic, physical, and theoretical/computational chemistry) along with nanotechnology, polymers, biochemical, materials and analytical.	https://chemistry.iiti.ac.in/people/faculty/
4	Department of Clvil Engineering	Thrust areas, Structural engineering, Geotechnical Engineering, Water Resource Engineering, Environmental Engineering	https://ce.iiti.ac.in/faculty.php
5	Department of Computer Science and Engineering	CAD-VLSI, EDA, High Level Synthesis, IP core Security, Hardware Trojan, Network Security Cloud Security, Cyber-physical Systems, Embedded Systems, Mechatronic Systems, Human Computer Interaction, Neural Network Learning Algorithms	https://cse.iiti.ac.in/faculty.php
6	Department of Electrical Engineering	Power Systems and Power Electronics, Integration of Renewable Energy Sources, Smart Grid, Nanotechnology and Nanoelectronics, Communications and Networking, Signal Processing, Optoelectronics and Biophotonics	http://ee.iiti.ac.in/faculty.html
7	Department of Humanities and Social Sciences	Agricultural & Resource Policy Studies, Climate Change and Development, Digital Humanities, Education and Critical Food Studies, Film Media and Cultural Studies, Language Variation and Cognition, Literature, Performance and Other Arts, Medical Humanities, Philosophy	https://hss.iiti.ac.in/main/faculty
8	Department of Mathematics	Machine Learning, Harmonic Analysis, Complex Analysis, Mathematical Modelling, Applied Mathematics and Geomechanics,	https://math.iiti.ac.in/people/
9	Department of Mechanical Engineering	Hydrogen storage, CO2 sequestration, heat transfer in plate with impinging jets, micro-channel heat transfer, absorption cooling, low-temperature combustion engine, bio-fluid mechanics and CFD	http://people.iiti.ac.in/~meiiti/index.php/http://people-iiti-ac-in-meiti-index-php-dr-sandeep-singh-2/
10	Department of Metallurgical Engineering and Materials Science	Alloy design, development, and deformation, Electronics & Photonics, Materials Informatics, Nano-hetero-architectures, New Generation Solar Cell Batteries, Polymers and polymeric nanocomposites, Optoelectronics, Water purification and waste-water treatment	https://mems.iiti.ac.in/faculty
11	Department of Physics	Organic and Inorganic Semiconductors, Terahertz Spectroscopy, Energy conversion and storage research, Quantum heat transport and thermodynamics, Quantum Simulations with Ultra-cold atoms, Phenomenology of Quark-Gluon Plasma, Global Properties and Heavy Flavors, Theoretical Ecology	https://physics.iiti.ac.in/faculty/
12	Department of Chemical Engineering	Newly Established	https://chemical.iiti.ac.in/