

Mukesh Patel School of Technology Management & Engineering
Mumbai Campus
List of PhD supervisors and Research Area

Sr. No.	Name of Guide	Branch	Specialization
Basic Sciences and Humanities			
1	Dr. G Swapna	Basic Sciences and Humanities	Computational Fluid Dynamics, Numerical Methods, Finite Element Method, Micropolar Fluids, Nanofluids
2	Dr. Minirani S.		Fractal geometry, Graph theory, Discrete Mathematics
3	Dr. V. R. Lakshmi Gorty		Integral Transforms and Special functions
4	Dr Heena Shevade		Materials science, condensed matter physics, material, characterization using machine learning, education technology
5	Dr Mahesh Naik		Mathematical Modelling, Optimization & Operations Research
6	Dr Ajay Phirke		Condensed matter Physics, Material Science, Solid State Physics
7	Dr Geetanjali Ashtekar		Organic Chemistry, Synthesis, Catalysis
8	Dr Abhinabha Gupta		Polymer Chemistry, Organic Chemistry, Sustainable Energy Technology
9	Dr Ketakee Durve		Catalysis, Sustainable Process development, Synthetic Chemistry
10	Dr Kunal Chakrabarti		Materials Science, Nanotechnology, Experimental Condensed Matter Physics
11	Dr Swapnil Prabhudesai		Neutron Scattering (QENS) and Molecular Dynamics (MD)
12	Dr Tista Basak		Theoretical Condensed Matter Physics, Quantum Materials
13	Dr Sanket Gudekar		Organic Chemistry
14	Dr Arti Hadap		Microwaves, Plasma Physics, materials and nanoparticles
15	Dr Nishchal Dwivedi		Quantum Physics, Nonlinear Dynamics, Complex systems, Quantum Technologies, Nuclear Physics
16	Dr Vineet Panchal		Nanotechnology, Materials for energy applications, Plasma processing of materials
17	Dr Sreemoyee Sarkar		Statistical Physics in Plasma, Astroparticle Physics, High Energy Nuclear and Particle Physics
18	Dr Pravin D. Patil		
Chemical Engineering			
20	Dr. Manishkumar Tiwari	Chemical	Chemical engineering
Civil Engineering			
21	Dr. Jigisha Vashi	Civil	Soil Mechanics and Foundation Engineering
22	Dr. Meenal Mategaonkar		Water Resource Engineering
23	Dr Manoj Anaokar		Geotechnical Engineering, Transportation Geotechnics
24	Dr Sunayana Sarkar		Geology
Computer Engineering			
25	Dr. Dharendra Mishra	Computer	Image Processing- Image Database, Pattern matching, Image Mining, Biometrics, Data Analytics, Education Technology
26	Dr. Seema Shah		Distributed Computing
27	Dr. Pravin Shrinath		Image Processing, Artificial Intelligence
28	Dr. Shubha Puthran		Data Mining, Software Engineering
29	Dr Soni Sweta		Artificial Intelligence, Data Mining
30	Dr Prashasti Kanikar		Data Mining & Analysis, Machine Learning, Health Informatics, Cyber Security
31	Dr Diksha Joshi		Web Engineering
32	Dr Radhika Chapaneri		Machine Learning, Cryptography and Network Security, Chaos based Image Encryption
Data Science			

33	Dr Siba Panda	Data Science	Financial Econometrics & Business Analytics, Business Economics
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Electronics and Telecommunication Engineering			
34	Dr. Alka Mahajan	EXTC	Electronic design Technology and soft computing
35	Dr. Archana Bhise		Signal Processing, Wireless communication
36	Dr. Vaishali Kulkarni		Networking, Signal Processing
37	Dr. Avinash More		Sensor Networks, Embedded System
38	Dr. Manoj Sankhe		Electronics Circuit Design, Biomedical Electronics, Optical Networks
39	Dr. Ushma Ahuja		Power System, Photovoltaic, Artificial Intelligence Techniques, Engineering of novel materials for use in solar cells, Renewable energy
40	Dr. Sonal Parmar		Satellite Communications, Indian Regional Navigation Satellite systems (IRNSS), Global Positioning System (GPS), Optical Fiber communication.
Information Technology			
41	Dr Ketan Shah	Information Technology	Data Mining
42	Dr. Vikram Kulkarni		Smart Grid Applications, Wireless Networks, Image Processing
43	Dr. Ashwini Rao		Data Mining, Social Media Analytics
44	Dr Pintu Shah		Cybersecurity, Risk Management, Cyber forensics
45	Dr Bhushankumar Nemade		Machine Learning and IoT
Mechanical Engineering			
46	Dr. Asha Ingle	Mechanical	Materials Engineering
47	Dr. Ashish Deshmukh		Design, Manufacturing, Operations, Logistics & SCM
48	Dr. Rajesh Patil		Thermal Engineering
49	Dr. Ravi Terkar		Production Engineering
50	Dr. Venkatesh Deshmukh		Mechatronics Engineering
51	Dr Abhishek Priyam		Solar Thermal Energy and Heat Transfer, Alternative Fuels
52	Dr Prashobh PS		Offshore structures
53	Dr Sawankumar Naik		Manufacturing and Operations
Technology Management			
54	Dr Geetha Iyer	Technology Management	Finance, Costing & Accounts
55	Dr Abhay Kumar		Financial Risk Management
56	Dr Padmanabha Aital		Operations Management, Operations Strategy, Project Management, Logistics & Supply chain Management, Total Quality Management & Six Sigma methodologies, Lean
57	Dr Kiran Desai		Marketing, Consumer Behavior
58	Dr. Jinu Kurian		Sustainability Management, Sustainable Operations, Environmental Management, Sustainable Production and Consumption, Environmental and Sustainable Systems, Green Supply Chain Management, Cleaner Technologies, Life Cycle Analysis, ESG, Energy Management
59	Dr Shailega Rego		Statistics, Advanced Data Analysis, Quantitative Techniques, Business Research, Business Analytics, Predictive Modeling, Visual Analytics, Telecom
60	Dr Mahindra Parihar		Transport Economics, Industrial Economics, Development Economics, Micro Economics & Public Policy.