



SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

(Established under section 3 of the UGC Act 1956)

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Founder: Prof. Dr. S. B. Mujumdar, M.Sc.,Ph.D. (Awarded Padma Bhushan and Padma Shri by President of India)

YOUR Ph.D. SUPERVISORS CAN BE CHOSEN FROM ANY INSTITUTE & FROM LOCATION

List of Ph.D. supervisors

Faculty of Engineering updated as on 1.2.2024

Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id
1	Dr. Ketan Kotecha	Artificial Intelligence, Machine learning, Deep learning	Artificial Intelligence, Machine learning, Deep learning	Professor, Director and Dean, Faculty of Engineering	Symbiosis Institute of Technology, Pune	deanfoengg@siu.edu.in
2	Dr. Tarun Pratap Singh	Geospatial Sciences	Spatial Data Modelling	Professor and Director	Symbiosis Institute of Geoinformatics, Pune	tpsingh@sig.ac.in
3	Dr. Neelesh Kumbhojkar	Computer Science and Engineering	Machine Learning	Professor and Director	Symbiosis Centre for Alumni Engagement	director_scae@siu.edu.in
4	Dr. Nitin Rakesh	Network coding, WSN, IOT	Natural Language Processing, Deep Learning, Image Processing	Professor and Director	Symbiosis Institute of Technology, Nagpur	director@sitnagpur.siu.edu.in
5	Dr. Arundhati Suresh Warke	Mathematical Modelling	Mathematical modeling of fluid flow, heat and mass transfer, non-linear gas dynamics waves	Professor	Symbiosis Institute of Technology, Pune	arundhatiw@sitpune.edu.in
6	Dr. Nitin K. Khedkar	Advance Manufacturing Process ,Digital Manufacturin	Surface Modification by EDM, 3D Printing of composite material.	Professor	Symbiosis Institute of Technology, Pune	nitin.khedkar@sitpune.edu.in
7	Dr. Yogesh Patil	Chemistry	Environmental Biochemistry	Professor and Head, Research Publications	Symbiosis Centre for Research and Innovation (SCRI), Pune	head_respub@siu.edu.in
8	Col. (Dr.) Anand Kumar Pandey	IC Engine, Alternative Fuels	IC Engine, Alternative Fuel, Karanja and JatropaBiodiesel,GDI Engine (Gasoline Direct Injection Engine),HCCI Engine (Homogenous Charged Compression Ignition Engine	Professor	Symbiosis Institute of Technology, Pune	anand.pandey@sitpune.edu.in
9	Dr. Sanjay Pohekar	Energy Engineering and Management	Computational Fluid Dynamics, Computational heat transfer, Energy and exergy analyses	Professor and Head, Research Programmes	Symbiosis Centre for Research and Innovation (SCRI), Pune	head_resprog@siu.edu.in
10	Dr. Atul Kulkarni	Nanotechnology and Nanomaterials	Nanotechnology and Nanomaterials	Research Professor and Head, SCNN	Symbiosis Centre for Nanoscience and Nanotechnology, Pune	head@scnn.edu.in , atul.kulkarni@scnn.edu.in
11	Dr. Dipika Jaspal	Water Treatment and Technologies/ Environmental science/Material science	Water Treatment and Technologies/ Environmental science/Material science	Professor	Symbiosis Institute of Technology, Pune	dipikaj@sitpune.edu.in
12	Dr. Meena Laad	Biomedical Physics, Material Science	Material Science- Synthesis and characterization of composites, thermoluminescence, Nano lubricants & Nanocomposites	Professor	Symbiosis Institute of Technology, Pune	meena@sitpune.edu.in

List of Ph.D. supervisors
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Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id
13	Dr. Chandrakant Sonawane	Mechanical, Computational Fluid Dynamics, Heat Transfer, AI&ML applications, Computational- Biomedical applications	Fluid structure interaction problems, use of AI and image processing tools for CFD, Sustainable Energy harvesting applications - Apply CFD for Solar still, distillation and Solar collector applications, Apply CFD for energy harvesting by wind - wind turbine, VIV based systems, etc; Developement of high efficient heat transfer devices like heat pipe for vaious practical applications (Space to EV battery managment), Apply CFD for nanomaterial and NanoTechnology applications, Apply CFD for Mechanical applications	Professor	Symbiosis Institute of Technology, Pune	chandrakant.sonawane@sitpune.edu.in
14	Dr. Navendu Choudhary	Geoinfomratics	spatial data analysis	Professor	Symbiosis Institute of Geoinformatics, Pune	navendu@sig.ac.in
15	Dr. Sumit Kumar	Artificial Intelligence, Internet of Things	Artificial Intelligence, Internet of Things	Professor	Symbiosis Institute of Technology, Pune	kumar.sumit@sitpune.edu.in
16	Dr. Anirban Sur	Thermal (Refrigeration and Air Conditioning , Heat Transfer, Solar/ Waste heat energy utilization)	Adsorption refrigeration, Desiccant cooling , Absorption cooling, Cooling by Solar heat or waste heat,storage cooling, Heat exchanger design, HVAC, Exergy analysis, Heat Composite adsorbing materials capturing materials, Radiant cooling, thermal	Professor	Symbiosis Institute of Technology, Pune	anirban.sur@sitpune.edu.in
17	Dr. Arunkumar Bongale	Robotics and Automation, Smart Manufacturing, Materials Science	Mobile Robots, Internet of Things, Multi Sensor Fusion, Additive Manufacturing	Professor	Symbiosis Institute of Technology, Pune	arun.bongale@sitpune.edu.in
18	Dr. Sashikala Mishra	Neural Network, Machine Learning	Machine Learning, Neural Networks	Professor	Symbiosis Institute of Technology, Pune	sashikala.mishra@sitpune.edu.in
19	Dr. Deepali R. Vora	Computer Science and Engineering	Machine Learning, Deep Learning, Applied AI, Big Data Analytics, Data and Web Mining, Privacy Preservation	Professor	Symbiosis Institute of Technology, Pune	deepali.vora@sitpune.edu.in
20	Dr. Mandaar B. Pande	Quantum Computing and Quantum Communications	Quantum Computing	Professor	Symbiosis Centre for Information Technology, Pune	mandaar@scit.edu
21	Dr. Bhavna Ambudkar	Electronics & telecommunication, Education technology	Electronics & telecommunication, Education technology	Professor	Symbiosis Institute of Technology, Pune	bhavna.ambudkar@sitpune.edu.in
22	Dr. Madhura Ingalthalikar	Medical Image Processing	Medical Image Processing	Research Professor	Symbiosis International (Deemed University)	mingalthalikar@gmail.com
23	Dr. Rajesh Kumar	CSE, Artificial Intelligence and Machine Learning	CSE, Artificial Intelligence and Machine Learning	Professor	Symbiosis Institute of Computer Studies and Research, Pune	rajesh.dhanaraj@sicrs.ac.in
24	Dr. Paresh Nasikkar	Thin Film Solar Photovoltaics (CuInGaSe ₂ (CIGS) and CdTe) and PV Materials and Systems (Renewable energy) and Electronics Instrumentation	Solar Photovoltaics (PV) Technology (Solar Energy) and PV materials (Sputtering depositions and Characterizations-SEM XRD EDSAFM and miniSIMS) and optical spectrat measurements, solar cell/device characterizations, Thin Film Solar Cells (TFSC) (CIGS, Cd Te based), Solar PV Si cells, Solar PV Panels/Modules and systems and Electronic Instrumentation, Solar PV Module Industria lstandards and relevant tastings (TUV, UL and IEC)	Associate Professor	Symbiosis Institute of Technology, Pune	paresh.nasikkar@sitpune.edu.in
25	Dr. Priteshkumar Biharilal Shah	Control System	Fractional Calculus, System Identification, process modeling	Associate Professor	Symbiosis Institute of Technology, Pune	pritesh.shah@sitpune.edu.in

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Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id
26	Dr. Bhushan Borotikar	Medical Image Analysis, Machine Learning, Orthopaedic Biomechanics, Computational Anatomy, Statistical Inference	Media Mining Medical Image Analysis, Machine Learning, Orthopaedic Biomechanics, Computational Anatomy, Statistical Inference	Associate Professor and Head, SCMIA	Symbiosis Centre for Medical Image Analysis (SCMIA), Pune	bhushan.borotikar@scmia.edu.in
27	Dr. Sonali Mahendra Kothari	Computer Science and Engineering	Cyber Security, Network Security, Data Privacy And Security	Associate Professor	Symbiosis Institute of Technology, Pune	sonali.kothari@sitpune.edu.in
28	Dr. Ujwala A. Khirsagar	Electronic and Tele communication engineering	Embedded and VLSI Technology	Associate Professor	Symbiosis Institute of Technology, Pune	ujwala.khirsagar@sitpune.edu.in
29	Dr. Neeru Bhagat Banerjee	Condensed Matter Physics	Heusler alloys, shape memory alloys and topological insulators, FINEMET, Study of structural and magnetic properties of Nano crystalline Alloys, magnetism, Soft Magnetic Materials, Nanoparticles, Antimicrobial and anti-bacterial properties of Nano size metal oxides, material science, spin orientation in thin layer (Material Science)	Associate Professor	Symbiosis Institute of Technology, Pune	neeru.bhagat@sitpune.edu.in
30	Dr. Shilpa Gite	Machine Learning, Computer Vision	Machine Learning, Deep Learning, Computer Vision	Associate Professor	Symbiosis Institute of Technology, Pune	shilpa.gite@sitpune.edu.in
31	Dr. Mrinal Bachute	Signal Processing ,Image Processing Machine learning	Signal Processing ,Image Processing Machine learning	Associate Professor	Symbiosis Institute of Technology, Pune	mrinal.bachute@sitpune.edu.in
32	Dr. Anupkumar M Bongale	Wireless sensor Network, Internet of Things, Soft Computing, Deep Learning	Wireless sensor Network, Internet of Things, Soft Computing, Deep Learning	Associate Professor	Symbiosis Institute of Technology, Pune	anupkumar.bongale@sitpune.edu.in
33	Dr. Satish Kumar	Digital Twin , Predictive Maintenance, Remaining Useful Life, Additive Manufacturing, Industry 4.0. Cryo treated Tool, Machining, Tribology, Composite Materials ,Industry 4.0.	Additive Manufacturing Cry treated Tool, Machining Tribology, Composite Materials , Nano- Composite , 3D Printing, Industry 4.0.	Associate Professor	Symbiosis Institute of Technology, Pune	satish.kumar@sitpune.edu.in
34	Dr. Shruti Ghanshyam Patil	Artificial Intelligence	Artificial Intelligence	Associate Professor	Symbiosis Institute of Technology, Pune	shruti.patil@sitpune.edu.in
35	Dr. Sharnil Pandya	Internet of Things and Machines/ Deep Learning	Healthcare Informatics, Acoustic Classification, Blockchaining	Associate Professor	Symbiosis Institute of Technology, Pune	sharnil.pandya@sitpune.edu.in
36	Dr. Sanjay Kantrao Kulkarni	Marketing Strategy, Consumer Behaviour	Structural Engineering-Laminated composite structures, laminated composite plates, beams, sandwich beams and plates	Associate Professor	Symbiosis Institute of Technology, Pune	sanjay.kulkarni@sitpune.edu.in
37	Dr. Harikrishnan R.	Electrical and Electronics Engineering	Smart Grid, Internet of Things, Artificial Intelligence and Nature Inspired Optimization	Associate Professor	Symbiosis Institute of Technology, Pune	harikrishnan.r@sitpune.edu.in
38	Dr. Kantipudi MVV Prasad	Signal Processing and Machine Learning	Signal Processing and Machine Learning	Associate Professor	Symbiosis Institute of Technology, Pune	prasad.kantipudi@sitpune.edu.in
39	Dr. Kailash Shaw	Bio Informatics, Data Mining, Artificial Intelligence	Bio Informatics, Data Mining, Artificial Intelligence	Associate Professor	Symbiosis Institute of Technology, Pune	kailash.shaw@sitpune.edu.in
40	Dr. Rahul Joshi	Machine Learning, Distributed Incremental Learning	Machine Learning, Distributed Incremental Learning	Associate Professor	Symbiosis Institute of Technology, Pune	rahulj@sitpune.edu.in
41	Dr. Rahee Walambe	Robotics, AI, Deep Learning	Path planning and motion planning of robot, Deep learning for image analysis, applied AI , multimodal AI	Associate Professor	Symbiosis Institute of Technology, Pune	rahee.walambe@sitpune.edu.in
42	Dr. Mangal Singh	Wireless Communication, Signal Processing, Internet of Things (IoT), AI/ ML based Wireless Networks	Wireless Communication, Internet of Things (IoT), AI/ ML	Associate Professor	Symbiosis Institute of Technology, Pune	mangal.singh@sitpune.edu.in

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Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id
43	Dr. Nilesh B. Bahadure	Biomedical Image Processing, Soft Computing, Machine Learning	Biomedical Image Processing, Signal Processing, Soft computing, and Machine learning	Associate Professor	Symbiosis Institute of Technology, Nagpur	nilesh.bahadure@sitnagpur.siu.edu.in
44	Dr. Vijaykumar Jatti	Mechanical	Mechanical	Associate Professor	Symbiosis Institute of Technology, Pune	Vijaykumar.jatti@sitpune.edu.in
45	Dr. Harshal Patil	Information Security	Cyber Security (Information Security), Machine Learning, Blockchain Technology, Image Processing	Associate Professor	Symbiosis Institute of Technology, Pune	harshal.patil@sitpune.edu.in
46	Dr. D. Marshiana	Process Control	Process control, Control System, Soft Computing Techniques, Machine Learning	Associate Professor	Symbiosis Institute of Technology, Pune	marshiana.d@sitpune.edu.in
47	Dr. Rizwan Ahmed Ansari	Signal and image processing	Satellite image processing, Remote Sensing Technologies, Geoinformatics, Geospatial Intelligence, fractals and multiresolution analysis	Associate Professor	Symbiosis Institute of Technology, Pune	rizwan.ansari@sitpune.edu.in
48	Dr. P. Ashok	Applications of Digital Transformation and Disruptive Technologies in Business.	Optical Communication, Quantum Cascade Lasers, Wireless communication	Associate Professor	Symbiosis Institute of Digital & Telecom Management, Pune	p.ashok@sidtm.edu.in
49	Dr. Anindita Roy	Renewable energy, Energy storage	Renewable energy, Energy storage	Associate Professor	Symbiosis Institute of Technology, Pune	anindita.roy@sitpune.edu.in
50	Dr. Ankur Goyal	Security, Blockchain, Sensor Networking, Image processing	Ad hoc network, Security, blockchain	Associate Professor	Symbiosis Institute of Technology, Pune	ankur.goyal@sitpune.edu.in
51	Dr. Latika Pinjarkar	Content Based Image Retrieval (CBIR), Machine Learning	Content Based Image Retrieval, Computer Vision, Machine Learning, IOT	Associate Professor	Symbiosis Institute of Technology, Nagpur	latika.pinjarkar@sitnagpur.siu.edu.in
52	Dr. Vijay Kumar Lamba	Nano Electronics, Organic/Flexible Electronics, MEMS	Nano Electronics, Organic/Flexible Electronics, MEMS & NEMS Devices	Associate Professor	Symbiosis Institute of Technology, Pune	vijay.lamba@sitpune.edu.in
53	Dr. Manikprabhu Dhanorkar	Environmental Sustainability, Waste Management, and Waste to Energy	Environmental Sustainability, Waste Management, and Waste to Energy	Associate Professor and Deputy Head	Symbiosis Centre for Waste Resource Management, Pune	dyhead@scwrm.siu.edu.in
54	Dr. Sagarkumar Sridhar Badhiye	Computer Science and Engineering	Time Series Analytics, Machine Learning, NLP, Compiler Design, etc	Assistant Professor	Symbiosis Institute of Technology, Nagpur	sagarkumar.badhiye@sitnagpur.siu.edu.in
55	Dr. Shekhar Bhame	Magnetism in Oxides, Solid State Chemistry	Magnetostriuctive materials, Thermoelectricity in Oxides, Nano Materials Synthesis, Structure Property Correlation	Assistant Professor	Symbiosis Institute of Technology, Pune	shekhar.bhame@sitpune.edu.in
56	Dr. Rupali Nagar	Material Science and nanomaterials	Synthesis of nanomaterials with applications in energy (fuel cells, hydrogen storage, lithium ion batteries), bio- medical and gas-sensing fields, ion irradiation, AFM/STM	Assistant Professor	Symbiosis Institute of Technology, Pune	rupali.nagar@sitpune.edu.in
57	Dr. Anurag Mahajan	VLSI Signal Processing	To design area, delay and power efficient VLSI architectures for Discrete Wavelet transform, FIR filter and Residue number system multiplier and adder.	Assistant Professor	Symbiosis Institute of Technology, Pune	anurag.mahajan@sitpune.edu.in
58	Dr. Ram Kishun Lodhi	Mathematics	Numerical Analysis	Assistant Professor	Symbiosis Institute of Technology, Pune	ramkishun.lodhi@sitpune.edu.in
59	Dr. Sayali Apte	Environmental Engineering	Environmental Engineering	Assistant Professor	Symbiosis Institute of Technology, Pune	sayali.apte@sitpune.edu.in
60	Dr. Arunkumar ON	Operation Management	Operation Management	Assistant Professor	Symbiosis Institute of Business Management, Bengaluru	arunkumar@sbm.edu.in
61	Dr. Sachit T S	Mechanical Engineering	Metal matrix nano composites additive manufacturing, smart manufacturing, industry 4.0	Assistant Professor	Symbiosis Institute of Technology, Pune	sachit.thimmappa@sitpune.edu.in

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Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id
62	Dr. Vidya Sandeep Patkar	Data Mining, Machine Learning, Geospatial Technology, Agro informatics, Multicriteria making	Data Science, Artificial Intelligence, Machine Learning, Geospatial Technology, Geointelligence	Assistant Professor	Symbiosis Institute of Geoinformatics, Pune	vidya@sig.ac.in
63	Dr. Dharmaveer Singh	Water resource management and climate Modelling	AI/Big Data in Water Resource Management , Isotope Hydrology, Climate Change Modelling, Water Security & Economics	Assistant Professor	Symbiosis Institute of Geoinformatics, Pune	dharmaveer@sig.ac.in
64	Dr. Sandipan Das	Geoinformatics	Water Resource Management , GIS, Remote Sensing, Urban Environment, Vegetation Studies	Assistant Professor	Symbiosis Institute of Geoinformatics, Pune	sandipan@sig.ac.in
65	Dr. Amol M Dalavi	Mechanical Engineering	Machine Design, advanced optimization techniques, manufacturing, Electric Vehicle Battery Encloure, Composite materials	Assistant Professor	Symbiosis Institute of Technology, Pune	amol.dalavi@sitpune.edu.in
66	Dr. Sayali Sandbhor	Civil Engineering	Civil Engineering, Construction Management, Concrete Technology	Assistant Professor	Symbiosis Institute of Technology, Pune	sayali.sandbhor@sitpune.edu.in
67	Dr. B. S. Veena	Mathematical modelling, Applied Mathematics, Bio Fluid dynamics	Mathematical modelling, Applied Mathematics, Bio Fluid dynamics	Assistant Professor	Symbiosis Institute of Technology, Pune	veena@sitpune.edu.in
68	Dr. Priti M. Shahane	Embedded System, VLSI Design	VLSI Signal Processing, Embedded System, Internet of Things(IoT), AI algorithms implementation on FPGA, NLP	Assistant Professor	Symbiosis Institute of Technology, Pune	pritis@sitpune.edu.in
69	Dr. Nilisha Prashant Itankar	Environmental Science, Liquid waste Engineering	Bioremediation, Liquid waste management	Assistant Professor	Symbiosis Institute of Technology, Pune	nilishai@sitpune.edu.in
70	Dr. Pooja Singh	Environmental Biotechnology	Environmental Biotechnology, Wastewater and soil Treatment, Bioremediation, Biosurfactants	Assistant Professor	Symbiosis Centre for Waste Resource Management, Pune	pooja.singh@scwrmsiu.edu.in
71	Dr. Mohammad Faseehuddin	VLSI (Analog Electronics), Low Voltage Low Power circuits, Internet of Things (IoT), signal processing	Internet of Things , Analog integrated circuit design, VLSI, low voltage Current mode circuits, bio medical signal processing	Assistant Professor	Symbiosis Institute of Technology, Pune	mohammad.faseehuddin@sitpune.edu.in
72	Dr. Saffrine Kingsly	Microwave Engineering	Microwave Engineering, Antenna design, microwave component design	Assistant Professor	Symbiosis Institute of Technology, Pune	saffrine.kingsly@sitpune.edu.in
73	Dr. Durgesh Nandan	AI/ML, IoT	AI/ML Processor, Real time applications of AI/ML, Smart cities requirements in Indian prospects, Agricultural technologies by using IoT/AI.	Assistant Professor	Symbiosis Institute of Technology, Pune	durgesh.nandan@sitpune.edu.in
74	Dr. Aditya Jain	Energy storage Devices, Performance analysis of Microelectronics components, Organic Solar Cells, Signal Processing for Biomedical Applications	Energy storage Devices, Performance analysis of Microelectronics components, Organic Solar Cells, Signal Processing for Biomedical Applications	Assistant Professor	Symbiosis Institute of Technology, Pune	aditya.j@sitpune.edu.in
75	Dr. Sudhanshu S. Gonge	Cryptography, Image Processing, Computer Vision, Data Science and Machine Learning	Cryptography, Image Processing, Computer Vision, Data Science and Machine Learning	Assistant Professor	Symbiosis Institute of Technology, Pune	sudhanshu.gonge@sitpune.edu.in
76	Dr. Prabhat Thakur	Signal processing, industrial networks	Next generation wireless communication and networking (5G/6G)	Assistant Professor	Symbiosis Institute of Technology, Pune	prabhat.thakur@sitpune.edu.in
77	Dr. Deepak Sudhakar Dharrao	Computer Vision, Image Processing, Neural Network, Artificial Intelligence	Computer Vision, Image Processing , Neural Network , Artificial Intelligence & Data Science	Assistant Professor	Symbiosis Institute of Technology, Pune	deepak.dharrao@sitpune.edu.in
78	Dr. Nitin Sharadchandra Solke	Lean Manufacturing, Flexible manufacturing, Internal Combustion	Lean Manufacturing, Flexible manufacturing, Internal Combustion Engines	Assistant Professor	Symbiosis Institute of Technology, Pune	nitin.solke@sitpune.edu.in

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Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id
79	Dr. Ravi Sekhar	Manufacturing, Composite Materials, System Identification and Control, AI/ML/DL in Mechanical Systems	Manufacturing, Composite Materials, System Identification and Control, AI/ML/DL in Mechanical Systems	Assistant Professor	Symbiosis Institute of Technology, Pune	ravi.sekhar@sitpune.edu.in
80	Dr. Amit Kumar	Reliability theory, Mathematical Modeling	Reliability theory, Mathematical Modeling, Multi-state systems, Sensitivity Analysis	Assistant Professor	Symbiosis Institute of Technology, Pune	amit.kumar@sitpune.edu.in
81	Dr. Shwetambari Chiwhane	Deep Learning	Deep Learning	Assistant Professor	Symbiosis Institute of Technology, Pune	shwetambari.chiwhane@sitpune.edu.in
82	Dr. Rishi Kumar Pandey	Fractional Calculus, Mathematical Modelling	Fractional Calculus, Mathematical Modelling, Applied Analysis, Homotopy Analysis Method	Assistant Professor	Symbiosis Centre for Management Studies, Nagpur	rishi.pandey@scmsnagpur.edu.in
83	Dr. N.A. Natraj	Electronics and Communication Engineering	Wireless Sensor Networks, Internet of Things, Computer/Network Security, and Embedded Systems	Assistant Professor	Symbiosis Institute of Digital and Telecom Management (SIDTM)	natraj@sidtm.edu.in
84	Dr. Kanhaiya Sharma	Computer Science and Engineering	Machine Learning, Biomedical Sensors, 5G, Compact Microstrip Antenna design	Assistant Professor	Symbiosis Institute of Technology, Pune	kanhaiya.sharma@sitpune.edu.in
85	Dr. Amol Dattatray Vibhute	Geospatial Technology, Digital Image Processing, Artificial Intelligence, pattern Recognition	Geospatial Technology, Digital Image Processing, Artificial Intelligence, Pattern Recognition, Internet of Things (IoT), Machine Learning.	Assistant Professor	Symbiosis Institute of Computer Studies and Research, Pune	amol.vibhute@sicr.ac.in
86	Dr. Deepak Parashar	Signal & Image Processing, Medical Imaging, Machine Learning	Machine Learning, Signal & Image Processing	Assistant Professor	Symbiosis Institute of Technology, Pune	deepak.parashar@sitpune.edu.in
87	Dr. Javid Gani Dar	Information theory, Generalized probability distributions	Statistical information Theory, Probability Theory, Applied Mathematics	Assistant Professor	Symbiosis Institute of Technology, Pune	javid.dar@sitpune.edu.in
88	Dr. Snehal Ajit Bhosale	Internet of Things, Computer/Network Security, Machine Learning	Internet of Things, Computer/Network Security, Machine Learning	Assistant Professor	Symbiosis Institute of Technology, Pune	snehal.bhosale@sitpune.edu.in
89	Dr. Poorva Agrawal	Computer Science and Engineering	Soft Computing, Image processing, Artificial Intelligence, Machine Learning.	Assistant Professor	Symbiosis Institute of Technology, Nagpur	poorva.agrawal@sitnagpur.siu.edu.in
90	Dr. Sayyad Javed Kasam	Electronics and Telecommunication Engineering	Renewable Energy, Embedded System, Internet of Things	Assistant Professor	Symbiosis Institute of Technology, Pune	jksayyad23@gmail.com
91	Dr. Renuka Agrawal	Data Mining, Machine Learning, Big Data	Machine Learning, Artificial Intelligence, Big Data, Data Analytics	Assistant Professor	Symbiosis Institute of Technology, Pune	renuka.agrawal@sitpune.edu.in
92	Dr. Smita Girish Wagholikar	Catalysis, Green Chemistry, Material chemistry, Education and Quality	Catalysis, Green Chemistry, Material chemistry, Education and Quality Assurance	Assistant Professor	Symbiosis Institute of Technology, Pune	smita.wagholikar@sitpune.edu.in
93	Dr. Harsh S. Dhiman	Predictive Maintenance for Wind Turbines, Renewable Energy, Data-Driven Condition monitoring	Data-Driven Predictive Maintenance, Condition monitoring, Computer vision for wind farms, Applied AI	Assistant Professor	Symbiosis Institute of Technology, Pune	harsh.dhiman@sitpune.edu.in
94	Dr. Nilima Dipak Zade	AI, ML, WSN	AI, ML, WSN	Assistant Professor	Symbiosis Institute of Technology, Pune	nilima.zade@sitpune.edu.in
95	Dr. Yogesh Motising Rajput	Image Processing, Machine Learning	Image Processing, Machine Learning, Deep Learning	Assistant Professor	Symbiosis Institute of Geoinformatics, Pune	yogesh@sig.ac.in
96	Dr. Ramesh B T	Mechanical Engineering	Mechanical Engineering, Material Science.	Assistant Professor	Symbiosis Institute of Technology, Pune	ramesh.bt@sitpune.edu.in
97	Dr. Rajesh K. Dhumal	Multispectral, hyperspectral Image Processing, Machine learning, geospatial	Satellite Image Processing (Hyperspectral / Multispectral), Machine Learning, Data Mining, IoT etc.	Assistant Professor	Symbiosis Institute of Geoinformatics, Pune	rajesh@sig.ac.in
98	Dr. Yogesh Ashokrao Jadhav	Chemistry, Nanotechnology	Material Science, Chemistry, Biomedical/Health Science Energy conversion and storage devices	Assistant Professor	Symbiosis Centre for Nanoscience and Nanotechnology, Pune	yogesh.jadhav@scnn.edu.in

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Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id
99	Dr. Hemant Kumar C	Robotics and Automation	Fatigue and Fracture Behaviour of Materials, Machine Design, Artificial Intelligence, and Robot Kinematics	Assistant Professor	Symbiosis Institute of Technology, Pune	hemanth.c@sitpune.edu.in
100	Dr. Mousumi Bhanja	Analog VLSI Design, Field Programmable Analog Array, CAD	Analog VLSI Design, Field Programmable Analog Array, CAD tool for Analog	Assistant Professor	Symbiosis Institute of Technology, Pune	mousumi.bhanja@sitpune.edu.in
101	Dr. Priti Kulkarni	Computer Science –Data mining, text mining, Natural language processing, Computer Network	Computer Science :- Data mining, text mining, Natural language processing, Computer Network, Network Security	Assistant Professor	Symbiosis Institute of Computer Studies and Research	priti.kulkarni@sicsr.ac.in
102	Dr. Sankit Ramkrishna Kassa	VLSI Design, Quantum Computing, Data Science, Nanoelectronics & Fabrication	VLSI Design, Quantum Computing, Data Science, Nanoelectronics & Fabrication	Assistant Professor	Symbiosis Institute of Technology, Pune	sankit.kassa@sitpune.edu.in
103	Dr. Venkateswarlu Gonuguntla	Medical Imaging analysis and signal processing	Biomedical Image processing; Biomedical Signal processing; Brain network analysis; Neuro Imaging; Brain mapping;	Assistant Professor	Symbiosis Centre for Medical Image Analysis (SCMIA), Pune	venkateswarlu.gonuguntla@scmia.edu.in
104	Dr. Chandan Kumar Choubey	Chip Designing, ML, and IoT	ASIC microchip design in VLSI, Machine Learning, Biomedical Signal Processing, Internet of Things, Nonlinear Circuit Design	Assistant Professor	Symbiosis Institute of Technology, Pune	chandan.choubey@sitpune.edu.in
105	Dr. Pooja Anil Bagane	CSE (Data Science, Machine Learning, Deep Learning, AI)	Evolutionary Algorithm, Cryptography	Assistant Professor	Symbiosis Institute of Technology, Pune	pooja.bagane@sitpune.edu.in
106	Dr. Gopal Kumar Gupta	Operation Research, Queueing, Theory, Stochastic Modeling	Operation Research, Queueing, Theory, Stochastic Modeling	Assistant Professor	Symbiosis Institute of Technology, Nagpur	gopalkumar.gupta@sitnagpur.siu.edu.in
107	Dr. Shrikrishna Ulhas Kolhar	Electronics and Telecommunication Engineering	Electronics and Telecommunication Engineering	Assistant Professor	Symbiosis Institute of Technology, Pune	shrikrishna.kolhar@sitpune.edu.in
108	Dr. Shilpa Hudnurkar	Artificial Intelligence & Machine Learning for weather / climate applications	Artificial Intelligence & Machine Learning for weather / climate applications	Assistant Professor	Symbiosis Institute of Technology, Pune	shilpa.hudnurkar@sitpune.edu.in
109	Dr. Shivali Wagle	Image Processing, Computer vision, Artificial Intelligence,	Image Processing, Computer vision, Artificial Intelligence,	Assistant Professor	Symbiosis Institute of Technology, Pune	shivali.wagle@sitpune.edu.in
110	Dr. Pradnya Borkar	Bioinformatics, High- Performance Computing, Parallelization, Parallel Computing, Machine Learning	Bioinformatics, High- Performance Computing, Parallelization, Parallel Computing, Machine Learning	Assistant Professor	Symbiosis Institute of Technology, Nagpur	pradnya.borkar@sitnagpur.siu.edu.in
111	Dr. Smita Rajendra Mahajan	Machine Learning, Deep Learning, Reinforcement Learning	Machine Learning, Deep Learning, Reinforcement Learning	Assistant Professor	Symbiosis Institute of Technology, Pune	smita.mahajan@sitpune.edu.in
112	Dr. Gagandeep Kaur	Machine Learning, Deep Learning, Natural Language Processing	Machine Learning, Deep Learning, Natural Language Processing	Assistant Professor	Symbiosis Institute of Technology, Nagpur	gagandeep.kaur@sitnagpur.siu.edu.in
113	Dr. Om Mishra	Signal Processing, Pattern Recognition, Machine Learning	Signal Processing, Pattern Recognition, Machine Learning	Assistant Professor	Symbiosis Institute of Technology, Pune	om.mishra@sitpune.edu.in
114	Dr. K. Nandhini	Artificial Intelligence and Machine Learning	Artificial Intelligence and Machine Learning	Assistant Professor	Symbiosis Institute of Technology, Pune	nandhini.k@sitpune.edu.in
115	Dr. Manoj Kumar Shukla	Robotics and Control	Robotics and Control	Assistant Professor	Symbiosis Institute of Technology, Pune	manoj.shukla@sitpune.edu.in
116	Dr. Shahid Ahmad Wani	Mathematics	Mathematics	Assistant Professor	Symbiosis Institute of Technology, Pune	shahid.wani@sitpune.edu.in
117	Dr. Krithikaa Mohanarangam	Bio-electromagnetics, Implantable Medical Devices, Integrated Circuits	Bio-electromagnetics, Implantable Medical Devices, Integrated Circuits	Assistant Professor	Symbiosis Institute of Technology, Pune	krithikaa.mohanarangam@sitpune.edu.in

List of Ph.D. supervisors
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Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id
118	Dr.Priyanka Tupe Waghmare	Medical Imaging, AI	Medical Imaging, AI	Assistant Professor	Symbiosis Institute of Technology, Pune	priyanka.tupe@sitpune.edu.in
119	Dr Shubham Joshi	Healthcare Informatics, Privacy & Security, Ad Hoc Networks, Sustainability	Healthcare Informatics, Privacy & Security, Ad Hoc Networks, Sustainability	Assistant Professor	Symbiosis Institute of Technology, Pune	shubham.joshi@sitpune.edu.in
120	Dr. Sandeep Vasant Gaikwad	GIS remote sensing	GIS remote sensing	Assistant Professor	Symbiosis Institute of Computer Studies and Research, Pune	sandeep.gaikwad@sicsr.ac.in
121	Dr. Priya Jadhav	Robotics and Automation	Robotics and Automation	Assistant Professor	Symbiosis Institute of Technology, Pune	priya.jadhav@sitpune.edu.in
122	Dr. Vijayshri Nitin Khedkar	Computer Science & Engineering and Information Technology	Computer Science & Engineering and Information Technology	Assistant Professor	Symbiosis Institute of Technology, Pune	vijayshri.khedkar@sitpune.edu.in
123	Dr. Pooja Vinayak Kamat	Artificial Intelligence, Machine Learning & Deep Learning	Artificial Intelligence, Machine Learning & Deep Learning	Assistant Professor	Symbiosis Institute of Technology, Pune	pooja.kamat@sitpune.edu.in
124	Dr. Vaishnavi Dabir	Civil Engineering	Civil Engineering	Assistant Professor	Symbiosis Institute of Technology, Pune	vaishnavi.dabir@sitpune.edu.in
125	Dr. Pradeep Kumar Arya	Security, Cloud computing, cyber physical system	Cyber Security, Information Security, Cloud Computing, Cyber-Physical System	Associate Professor	Symbiosis Institute of Technology, Pune	pradeep.arya@sitpune.edu.in
126	Dr. Dhumane Amol Vishwanath	Internet of Things	Internet of Things	Associate Professor	Symbiosis Institute of Technology, Pune	amol.dhumane@sitpune.edu.in
127	Dr. Vani Hiremani	Computer Science and Engineering	Machine Learning, Deep Learning, Image Processing, Computer Vision and IoT	Assistant Professor	Symbiosis Institute of Technology, Pune	vani.hiremani@sitpune.edu.in
128	Dr. Kuldeep Mishra	Energy storage & conversion devices: Batteries, Supercapacitors, Solar Cell and Fuel Cells	Energy storage & conversion devices: Batteries, Supercapacitors, Solar Cell and Fuel Cells	Assistant Professor	Symbiosis Institute of Technology, Pune	kuldeep.mishra@sitpune.edu.in
129	Dr. Vipin Tiwari	Artificial Intelligence, Machine Learning	Artificial Intelligence and Machine Learning, Deep Learning, Soft Computing Techniques.	Associate Professor	Symbiosis Institute of Technology, Pune	vipin.tiwari@sitpune.edu.in
130	Dr. Nilesh Shelke	Natural Language Processing, Deep Learning, Image Processing	Natural Language Processing, Deep Learning, Image Processing	Assistant Professor	Symbiosis Institute of Technology, Nagpur	nilesh.shelke@sitnagpur.siu.edu.in
131	Dr. Rupali Rajendra Gangarde	Computer Science	Computer Science	Assistant Professor	Symbiosis Institute of Technology, Pune	RUPALI.GANGARDE@sitpune.edu.in
132	Dr. Divya D.	Data Science, AI	Data Science, AI	Assistant Professor	Symbiosis Centre for Management Studies, Bengaluru	
133	Dr. Chhaya Kiran Lande	Mathematics	Mathematics (Hydrology. Differential equations)	Assistant Professor	Symbiosis Institute of Technology, Pune	chhaya.lande@sitpune.edu.in
134	Dr. Aditi Sharma	Computer Science and Engineering	Computer Science and Engineering	Associate Professor	Symbiosis Institute of Technology, Pune	aditi.sharma@sitpune.edu.in
135	Dr.Jagdish Chandra Patni	Computer Science and Engineering	Computer Science and Engineering	Professor	Symbiosis Institute of Technology, Nagpur	jagdish.patni@sitnagpur.siu.edu.in
136	Dr. Heranmoy Maity	Quantum Computing, Circuit and Systems	Quantum Computing, Circuit and Systems	Assistant Professor	Symbiosis Institute of Technology, Nagpur	heranmoy.maity@sitnagpur.siu.edu.in
137	Dr. Sudhanshu Maurya	Internet of Everything, Cloud Computing and Artificial Intelligence	Internet of Everything, Cloud Computing and Artificial Intelligence	Associate Professor	Symbiosis Institute of Technology, Nagpur	sudhanshu.maurya@sitnagpur.siu.edu.in
138	Dr. Adigoppila Raju	Applied Mathematics (Fluid mechanics)	Fluid Dynamics and Numerical Methods	Assistant Professor	Symbiosis Institute of Technology, Pune	adigoppula.raju@sitpune.edu.in

List of Ph.D. supervisors
Faculty of Engineering updated as on 1.2.2024

Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id
139	Dr. Prachi Nitin Kadam	Computer Science	AI applied to Food and Nutrition Analysis, Healthcare Analytics, Lifestyle Management with AI	Assistant Professor	Symbiosis Institute of Technology, Pune	prachi.kadam@sitpune.edu.in
140	Dr. Kalyani D Kadam	Computer Science	AI applied to Food and Nutrition Analysis, Healthcare Analytics, Lifestyle Management with AI	Assistant Professor	Symbiosis Institute of Technology, Pune	kalyanik@sitpune.edu.in
141	Dr. Preksha Pareek	Deep learning, computer vision	Computer vision, Natural Language Processing	Assistant Professor	Symbiosis Institute of Technology, Pune	preksha.pareek@sitpune.edu.in
142	Dr. Vinod Gopal Surange	Operations and Supply Chain Management	Operations, Supply Chain	Assistant Professor	Symbiosis Centre for Management Studies, Nagpur	vinod.surange@sibmnagpur.edu.in
143	Dr. Mandar Sapre	Optimization, Mechanical, CAD CAM	Optimization, Finite Element Methods,	Assistant Professor	Symbiosis Institute of Technology, Pune	mandar.sapre@sitpune.edu.in
144	Dr. Sangeeta Pant	Multi-criteria decision making, Pairwise Comparisons, Nature-inspired optimization	Multi-criteria decision making, Pairwise Comparisons, Nature-inspired optimization	Associate Professor	Symbiosis Institute of Technology, Pune	sangeeta.pant@sitpune.edu.in