



Re - accredited by NAAC with A++ Grade | Awarded Category- I by UGC--
 Founder: Prof. Dr. S. B. Mujumdar, M.Sc., Ph.D. (Awarded Padma Bhushan and Padma Shri by President of India)

List of Ph.D. supervisors
Faculty of Engineering updated as on 29.11.2024

Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id	Vacancy
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	No
2	Dr. Tarun Pratap Singh	Geospatial Sciences	Spatial Data Modelling	Professor and Director	Symbiosis Institute of Geoinformatics, Pune	tpsingh@sig.ac.in	Yes
3	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	Yes
4	Dr. Neelesh Kumbhojkar	IT, Cloud, Digital, Nanotechnology	Nanotechnology and Computer Science	Professor and Director	Symbiosis Centre for Alumni Engagement	director_scae@siu.edu.in	Yes
5	Dr. Yogesh Patil	Chemistry	Environmental Biochemistry	Professor & Head – Research Publications	Symbiosis Centre for Research and Innovation (SCRI), Pune	head_respub@siu.edu.in	Yes
6	Dr. Sanjay D Pohekar	Energy Engineering and Management	Computational Fluid Dynamics, Computational heat transfer, Energy and exergy analyses	Professor & Head – Research Programs	Symbiosis Centre for Research and Innovation (SCRI), Pune	head_resprog@siu.edu.in	Yes
7	Dr. Atul Kulkarni	Nanotechnology and Nanomaterials	Nanotechnology and Nanomaterials	Research Professor and Head	Symbiosis Centre for Nanoscience and Nanotechnology, Pune	head@scnn.edu.in , atul.kulkarni@scnn.edu.in	No
8	Dr. Manikprabhu Dhanorkar	Waste Resource Management and waste to energy	Waste Resource Management and waste to energy	Professor and Head - SCWRM	Symbiosis Centre for Waste Resource Management, Pune	head@scwrmsiu.edu.in	Yes
9	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	Symbiosis Centre for Medical Image Analysis, Pune	bhushan.borotikar@scmia.edu.in	Yes
10	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	Yes
11	Col. (Dr.) Anand Kumar Pandey	IC Engine, Alternative Fuels	IC Engine, Alternative Fuel, Karanja and Jatropa Biodiesel, GDI Engine (Gasoline Direct Injection Engine), HCCI Engine (Homogenous Charged Compression Ignition Engine)	Professor	Symbiosis Institute of Technology, Pune	anand.pandey@sitpune.edu.in	Yes
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	Yes
13	Dr. Chandrakant Sonawane	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; Development of high efficient heat transfer devices like heat pipe for various practical applications (Space to EV battery management), Apply CFD for nanomaterial and NanoTechnology applications, Apply CFD for Mechanical applications	Professor	Symbiosis Institute of Technology, Pune	chandrakant.sonawane@sitpune.edu.in	Yes
14	Dr. Navendu Choudhary	Geoinformatics	spatial data analysis	Professor	Symbiosis Institute of Geoinformatics, Pune	navendu@sig.ac.in	No
15	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	Yes
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	Yes
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	Yes
18	Dr. Sashikala Mishra	Neural Network, Machine Learning, HCI	Machine Learning, Neural Networks	Professor	Symbiosis Institute of Technology, Pune	sashikala.mishra@sitpune.edu.in	Yes
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	Yes

List of Ph.D. supervisors
Faculty of Engineering updated as on 29.11.2024

Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id	Vacancy
20	Dr. Mandaar B. Pande	Quantum Computing and Quantum Communications	Quantum Computing	Professor	Symbiosis Centre for Information Technology, Pune	mandaar@scit.edu	Yes
21	Dr. Bhavna Ambudkar	Mobile computing, Healthcare, Education Technology, Innovation, Design Thinking, Emotional Intelligence	Mobile computing, Healthcare, Education Technology, Innovation, Design Thinking, Emotional Intelligence	Professor	Symbiosis Institute of Technology, Pune	bhavna.ambudkar@sitpune.edu.in	Yes
22	Dr. Rajesh Kumar D	Artificial Intelligence and machine learning	Artificial Intelligence and machine learning	Professor	Symbiosis Institute of Computer Studies and Research, Pune	rajesh.dhanaraj@sicr.ac.in	Yes
23	Dr. Sumit Kumar	Artificial Intelligence, Internet of Things	Artificial Intelligence, Internet of Things	Professor	Symbiosis Institute of Technology, Pune	kumar.sumit@sitpune.edu.in	Yes
24	Dr. Priteshkumar Biharilal Shah	Control System	Fractional Calculus, System Identification, process modeling	Professor	Symbiosis Institute of Technology, Pune	pritesh.shah@sitpune.edu.in	Yes
25	Dr. Vidya Sandeep Patkar	Data Mining, Machine Learning, Geospatial Technology, Agro informatics, Multicriteria making	Data Science, Artificial Intelligence, Machine Learning, Geospatial Technology, Geointelligence	Associate Professor and Deputy Director	Symbiosis Institute of Geoinformatics, Pune	vidya@sig.ac.in	Yes
26	Dr. Alaka Chandak	Health Promoting Schools, Health Promoting	Health Promoting Schools, Health Promoting	Professor- SIHS & Director- SCHC	Symbiosis Centre for Health Care and Symbiosis Institute of Health Sciences, Pune	director@schcpune.org	Yes
27	Dr. Rajanikanth Aluvalu	Computer Science and Engineering	Computer Science and Engineering	Professor	Symbiosis Institute of Technology, Hyderabad	director@sithyd.siu.edu.in	Yes
28	Dr. Mohankumar N	VLSI & Nano Devices	VLSI & Nano Devices	Professor	Symbiosis Institute of Technology, Nagpur	mohankumar.n@sitnagpur.siu.edu.in	Yes
29	Dr. Neeru Bhagat Banerjee	Condensed Matter Physics	Heusler alloys, shape memory alloys and topological insulators, FINEMET, Nanomaterials for biological and agricultural applications, Green hydrogen through water splitting, ML for Materials	Associate Professor	Symbiosis Institute of Technology, Pune	neeru.bhagat@sitpune.edu.in	Yes
30	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	Yes
31	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 EDSAFMand miniSIMS) and optical spectral 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 Industry standards and relevant tastings (TUV, UL and IEC)	Associate Professor	Symbiosis Institute of Technology, Pune	paresh.nasikkar@sitpune.edu.in	Yes
32	Dr. Shilpa Gite	Machine Learning/Deep Learning, Computer Vision, Applied AI, Gen AI	Machine Learning, Deep Learning, Computer Vision Medical imaging, Gen AI	Associate Professor	Symbiosis Institute of Technology, Pune	shilpa.gite@sitpune.edu.in	No
33	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	Yes
34	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	No
35	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 Cryo 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	Yes
36	Dr. Shruti Ghanshyam Patil	Computer Science	Computer Science	Associate Professor	Symbiosis Institute of Technology, Pune	shruti.patil@sitpune.edu.in	No
37	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	Yes
38	Dr. Sanjay Kantrao Kulkarni	Structural Engineering	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	No
39	Dr. Sonali Mahendra Kothari	Computer Science and Engineering	Malware Analysis, Network Security, Data Privacy And Security	Associate Professor	Symbiosis Institute of Technology, Pune	sonali.kothari@sitpune.edu.in	Yes
40	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	Yes
41	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	Yes
42	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	Yes
43	Dr. Rahul Joshi	Machine Learning, Distributed Incremental Learning	Machine Learning, Distributed Incremental Learning	Associate Professor	Symbiosis Institute of Technology, Pune	rahulj@sitpune.edu.in	No

List of Ph.D. supervisors
Faculty of Engineering updated as on 29.11.2024

Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id	Vacancy
44	Dr. Mangal Singh	5G& 6G, AI/ML in Wireless Communication, Networking for Internet of Things (IoT), Free Space Optical Communication, Cyber Physical Systems	5G& 6G, Applications of Machine Learning in Wireless Communication, Networking for Internet of Things (IoT), Software Defined Networks, Free Space Optical Communication, Cyber Physical Systems	Associate Professor	Symbiosis Institute of Technology, Pune	mangal.singh@sitpune.edu.in	Yes
45	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	Yes
46	Dr. Anindita Roy	Renewable energy, Energy storage	Renewable energy, Energy storage	Associate Professor	Symbiosis Institute of Technology, Pune	anindita.roy@sitpune.edu.in	Yes
47	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	Yes
48	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	Yes
49	Dr. Rahee Walambe	Artificial intelligence, Deep Learning, AI for healthcare, responsible AI	AI for healthcare, multimodal ai, responsible ai, applied deep learning	Associate Professor	Symbiosis Institute of Technology, Pune	rahee.walambe@sitpune.edu.in	Yes
50	Dr. Dhumane Amol Vishwanath	Internet of Things	Internet of Things	Associate Professor	Symbiosis Institute of Technology, Pune	amol.dhumane@sitpune.edu.in	Yes
51	Dr. Vipin Tiwari	Artificial Intelligence and Machine Learning, Deep Learning, Soft Computing Techniques	Artificial Intelligence, Machine Learning	Associate Professor	Symbiosis Institute of Technology, Pune	vipin.tiwari@sitpune.edu.in	Yes
52	Dr. Aditi Sharma	Computer Science and Engineering	Hardware Accelerated Cryptography, VLSI, IoT, Deep Learning, Robotics, Machine Learning, Quantum Computing	Associate Professor	Symbiosis Institute of Technology, Pune	aditi.sharma@sitpune.edu.in	Yes
53	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	Yes
54	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	Yes
55	Dr. Jitendra Rajpurohit	Nature Inspired Computing; Metaheuristic Optimization, Computational Intelligence	Nature Inspired Computing; Metaheuristic Optimization, Computational Intelligence	Associate Professor	Symbiosis Institute of Technology, Pune	jitendra.rajpurohit@sitpune.edu.in	Yes
56	Dr. Prashant Ahire	Machine Learning, Data Mining, Cloud Computing	Machine Learning, Data Mining, Cloud Computing	Associate Professor	Symbiosis Institute of Technology, Pune	prashant.ahire@sitpune.edu.in	Yes
57	Dr. Anuradha Pillai	Computer Engineering	Computer Engineering	Associate Professor	Symbiosis Institute of Technology, Pune	anuradha.pillai@sitpune.edu.in	Yes
58	Dr. More Anjali Sanjivanrao	Computer Engineering/Machine Learning/Data Mining/Data Analytics	Computer Engineering/Machine Learning/Data Mining/Data Analytics	Associate Professor	Symbiosis Institute of Technology, Pune	anjali.dalvi@sitpune.edu.in	Yes
59	Dr. Anjali Manojkumar Dalvi			Associate Professor	Symbiosis Institute of Technology, Pune	anjali.dalvi@sitpune.edu.in	Yes
60	Dr. Shekhar Bhame	Magnetism in Oxides, Solid State Chemistry	Mgnetostriuctive materials, Thermoelectricity in Oxides, Nano Materials Synthesis, Structure Property Correlation	Assistant Professor	Symbiosis Institute of Technology, Pune	shekhar.bhame@sitpune.edu.in	Yes
61	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	No
62	Dr. Anurag Mahajan	Implementation of Artificial Intelligence Algorithm in VLSI, Antenna Design, VLSI Signal Processing	To design area, delay and power efficient VLSI architectures for Discrete Wavelet transform, Artificial Intelligence Algorithm, FIR filter and Residue number system multiplier and adder. Antenna Design for wearable Application.	Assistant Professor	Symbiosis Institute of Technology, Pune	anurag.mahajan@sitpune.edu.in	Yes
63	Dr. Ram Kishun Lodhi	Mathematics	Numerical Analysis	Assistant Professor	Symbiosis Institute of Technology, Pune	ramkishun.lodhi@sitpune.edu.in	Yes
64	Dr. Sayali Apte	Environmental Engineering	Environmental Engineering	Assistant Professor	Symbiosis Institute of Technology, Pune	savali.apte@sitpune.edu.in	Yes
65	Dr. Arunkumar ON	Operation Management	Operation Management	Assistant Professor	Symbiosis Institute of Business Management, Bengaluru	arunkumar@sbm.edu.in	No
66	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	Yes
67	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	Yes

List of Ph.D. supervisors
Faculty of Engineering updated as on 29.11.2024

Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id	Vacancy
68	Dr. Amol M Dalavi	Mechanical Engineering	Machine Design, advanced optimization techniques, manufacturing, Electric Vehicle Battery Enclosure, Composite materials	Assistant Professor	Symbiosis Institute of Technology, Pune	amol.dalavi@sitpune.edu.in	Yes
69	Dr. Sayali Sandbhor	Civil Engineering	Civil Engineering, Construction Management, Concrete Technology	Assistant Professor	Symbiosis Institute of Technology, Pune	sayali.sandbhor@sitpune.edu.in	Yes
70	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	Yes
71	Dr. Nilisha Prashant Itankar	Environmental Science, Liquid waste Engineering	Bioremediation, Liquid waste management	Assistant Professor	Symbiosis Institute of Technology, Pune	nllishai@sitpune.edu.in	Yes
72	Dr. Pooja Singh	Environmental Biotechnology	Environmental Biotechnology, Wastewater and soil Treatment, Bioremediation, Biosurfactants, Biochar, Microplastics	Assistant Professor	Symbiosis Centre for Waste Resource Management, Pune	pooja.singh@scwrm.siu.edu.in	Yes
73	Dr. Saffrine Kingsly	Microwave Engineering	Microwave Engineering, Antenna design, microwave component design	Assistant Professor	Symbiosis Institute of Technology, Pune	saffrine.kingsly@sitpune.edu.in	Yes
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	Yes
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	No
76	Dr. Prabhat Thakur	Wireless Communication, Signal processing, IoTs and industrial networks and Security	Next generation wireless communication and networking (5G/6G) 1) Next generation connected environments in Industry 4.0 and Society 5.0. 2) Spectral efficient designs using cognitive radio, nonorthogonal multiple access and multiple-input multiple output. 3) Next Generation IoTs and Industrial Networks 4) Internet-of-Vehicles and Internet of Medical Things. 5) Spectrum sharing and throughput enhancement in cognitive radio communication systems. 6) Spectrum monitoring in cognitive radio communication systems. 7) Cooperative communication. 8) Mathematical modelling of next generation communication systems. 9) Compressive sampling and signal processing.	Assistant Professor	Symbiosis Institute of Technology, Pune	prabhat.thakur@sitpune.edu.in	Yes
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	No
78	Dr. Nitin Sharadchandra Solke	Lean Manufacturing, Flexible manufacturing, Internal Combustion engines, automobile engineering	Lean Manufacturing, Flexible manufacturing, Internal Combustion Engines	Assistant Professor	Symbiosis Institute of Technology, Pune	nitin.solke@sitpune.edu.in	Yes
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	No
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	Yes
81	Dr. Shwetambari Chihwane	Deep Learning	Deep Learning	Assistant Professor	Symbiosis Institute of Technology, Pune	shwetambari.chihwane@sitpune.edu.in	No
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	Yes
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	Yes
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	Yes
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@sicsr.ac.in	No
86	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	Yes
87	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	Yes

List of Ph.D. supervisors

Faculty of Engineering updated as on 29.11.2024

Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id	Vacancy
88	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	Yes
89	Dr. Sayyad Javed Kasam	Electronics and Telecommunication Engineering	Renewable Energy, Embedded System, Internet of Things	Assistant Professor	Symbiosis Institute of Technology, Pune	ksayyad23@gmail.com	Yes
90	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	Yes
91	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	dyhead_qualityassurance@siu.edu.in	Yes
92	Dr. Nilima Dipak Zade	AI, ML, WSN	AI, ML, WSN	Assistant Professor	Symbiosis Institute of Technology, Pune	nilima.zade@sitpune.edu.in	Yes
93	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	No
94	Dr. Ramesh B T	Mechanical Engineering	Mechanical Engineering, Material Science.	Assistant Professor	Symbiosis Institute of Technology, Pune	ramesh.bt@sitpune.edu.in	Yes
95	Dr. Rajesh K. Dhupal	Multispectral/Hyperspectral Image Processing, machine Learning Data Mining	Satellite Image Processing (Hyperspectral / Multispectral), Machine Learning, Data Mining, IoT etc.	Assistant Professor	Symbiosis Institute of Geoinformatics, Pune	rajesh@sig.ac.in	Yes
96	Dr. Hemant Kumar C	Mechanical Engineering, Robotics and Automation	Fatigue and Fracture Behaviour of Materials, Machine Design, Artificial Intelligence, Composite materials and Drones Technology	Assistant Professor	Symbiosis Institute of Technology, Pune	hemanth.c@sitpune.edu.in	Yes
97	Dr. Mousumi Bhanja	Analog VLSI Design, Field Programmable Analog Array, CAD	Linear and Nonlinear Analog Circuits, VLSI, Field Programmable Analog Array, Automation in Analog Circuit	Assistant Professor	Symbiosis Institute of Technology, Pune	mousumi.bhanja@sitpune.edu.in	Yes
98	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@sicrs.ac.in	No
99	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	Yes
100	Dr. Venkateswarlu Gonuguntla	Medical Imaging analysis and signal processing Brain mapping	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	Yes
101	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	Yes
102	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	No
103	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	Yes
104	Dr. Shrikrishna Ulhas Kolhar	Artificial Intelligence and Machine Learning	Image processing, Computer vision, Artificial Intelligence, Machine Learning, Deep learning	Assistant Professor	Symbiosis Institute of Technology, Pune	shrikrishna.kolhar@sitpune.edu.in	Yes
105	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	Yes
106	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	Yes
107	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	Yes
108	Dr. Smita Rajendra Mahajan	Machine Learning, Deep Learning, Reinforcement Learning, GenAI, LLMs	Machine Learning, Deep Learning, Reinforcement Learning	Assistant Professor	Symbiosis Institute of Technology, Pune	smita.mahajan@sitpune.edu.in	Yes
109	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	Yes
110	Dr. K. Nandhini	AI+Health Care, AI+Remote Sensing, Artificial Intelligence and Machine Learning	Medical Imaging Analysis, Hyperspectral Remote Sensing Classification, Deep Learning, Artificial Intelligence and Machine Learning	Assistant Professor	Symbiosis Institute of Technology, Pune	nandhini.k@sitpune.edu.in	Yes
111	Dr. Manoj Kumar Shukla	Robotics, Control and IoT	Mobile robotics, sensor fusion, fractional calculus, IOT, Softcomputing, Control systems	Assistant Professor	Symbiosis Institute of Technology, Pune	manoj.shukla@sitpune.edu.in	Yes
112	Dr. Shahid Ahmad Wani	Special Functions, Fractional Operators, Operator theory, q-Calculus, (p,q)-Calculus, differential equations, Integrek equations	Special Functions, Fractional Operators, Operator theory, q-Calculus, (p,q)-Calculus, differential equations, Integrek equations	Assistant Professor	Symbiosis Institute of Technology, Pune	shahid.wani@sitpune.edu.in	Yes
113	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	Yes
114	Dr. Priyanka Tupe Waghmare	Medical Imaging, AI	Medical Imaging, AI	Assistant Professor	Symbiosis Institute of Technology, Pune	priyanka.tupe@sitpune.edu.in	Yes

List of Ph.D. supervisors

Faculty of Engineering updated as on 29.11.2024

Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id	Vacancy
115	Dr. Sandeep Vasant Gaikwad	GIS remote sensing	GIS remote sensing	Assistant Professor	Symbiosis Institute of Computer Studies and Research, Pune	sandeep.gaikwad@sicrs.ac.in	Yes
116	Dr. Priya Jadhav	Robotics and Automation	Robotics and Automation	Assistant Professor	Symbiosis Institute of Technology, Pune	priya.jadhav@sitpune.edu.in	Yes
117	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	Yes
118	Dr. Pooja Vinayak Kamat	Artificial Intelligence, Machine Learning & Deep Learning, Computer Vision, NLP	Machine Learning & Deep Learning, Industry 4.0, Predictive Maintenance, Healthcare, Time Series Analytics, Cloud Computing with AI	Assistant Professor	Symbiosis Institute of Technology, Pune	pooja.kamat@sitpune.edu.in	Yes
119	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	Yes
120	Dr. Kuldeep Mishra	Materials Science, Energy storage & conversion devices	Energy storage & conversion devices: Batteries, Supercapacitors, Solar Cell and Fuel Cells	Assistant Professor	Symbiosis Institute of Technology, Pune	kuldeep.mishra@sitpune.edu.in	Yes
121	Dr. Nilesh Manoharrao Shelke	Natural Language Processing, Deep Learning, Image Processing	Natural Language Processing, Deep Learning	Assistant Professor	Symbiosis Institute of Technology, Nagpur	nilesh.shelke@sitnagpur.siu.edu.in	Yes
122	Dr. Rupali Rajendra Gangarde	Computer Science and engineering	Data science, data privacy Healthcare Analytics, deep learning	Assistant Professor	Symbiosis Institute of Technology, Pune	RUPALI.GANGARDE@sitpune.edu.in	Yes
123	Dr. Chhaya Kiran Lande	Mathematics	Mathematics (Hydrology, Differential equations)	Assistant Professor	Symbiosis Institute of Technology, Pune	chhaya.lande@sitpune.edu.in	Yes
124	Dr. Adigoppala Raju	Applied Mathematics (Fluid mechanics)	Fluid Dynamics, Nanofluids, Heat and Mass Transfer, and Numerical Methods	Assistant Professor	Symbiosis Institute of Technology, Pune	adigoppala.raju@sitpune.edu.in	Yes
125	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	Yes
126	Dr. Kalyani D Kadam	Deep learning, computer vision	AI applied to Food and Nutrition Analysis, Healthcare Analytics, Lifestyle Management with AI	Assistant Professor	Symbiosis Institute of Technology, Pune	kalyanik@sitpune.edu.in	Yes
127	Dr. Vinod Gopal Surange	Operations and Supply Chain Management	Operations, Supply Chain Management, Manufacturing Systems Engineering, Quality Engineering, Multi criteria decision making	Assistant Professor	Symbiosis Centre for Management Studies, Nagpur	vinod.surange@sibmnagpur.edu.in	Yes
128	Dr. Virendra Kumar Verma	Operations Management, Supply chain Management	Operations Management, Supply Chain Management, 3D printing, Additive Manufacturing, Manufacturing Processes, Industrial Engineering	Assistant Professor	Symbiosis Institute of Business Management, Bengaluru	virendra.verma@sibm.edu.in	Yes
129	Dr. Pratik Kamal Agrawal	Computer Science and Engineering	Cloud Computing, Natural Language Processing, Artificial Intelligence	Assistant Professor	Symbiosis Institute of Technology, Nagpur	pratik.agrawal@sitnagpur.siu.edu.in	Yes
130	Dr. Shahid Chand Tamboli	Mechanical, Manufacturing, Optimization, Composites	Fracture Mechanics, Finite Element Analysis, Composite Materials	Assistant Professor	Symbiosis Institute of Technology, Pune	shahid@sitpune.edu.in	Yes
131	Dr. Rushikesh Prakash Kulkarni	Geospatial Engineering	Geospatial Modelling, Surface Hydrology Modeling, Optimization in Agrohydrology Modeling, AIML Applications in Water Resources,	Assistant Professor	Symbiosis Institute of Technology, Pune	rushikeshk@sitpune.edu.in	Yes
132	Dr. Mugdha P. Kshirsagar	Civil Engineering	Civil Engineering, Environmental Hydraulics, Water and waste water engineering, Geotechnical Engineering	Assistant Professor	Symbiosis Institute of Technology, Pune	mugdha@sitpune.edu.in	Yes
133	Dr. Aniket Kailas Shahade	Computer Science and Engineering	Artificial Intelligence, Natural Language Processing, Machine Learning, Deep Learning	Assistant Professor	Symbiosis Institute of Technology, Pune	aniket.shahade@sitpune.edu.in	Yes
134	Dr. Shruti Maheshwari	Mechanical Engineering	Supply Chain Management, Industrial Engineering, Optimization Algorithms	Assistant Professor	Symbiosis Institute of Technology, Pune	shruti.maheshwari@sitpune.edu.in	Yes
135	Dr. Rutal Sharadbhai Mahajan	Artificial Intelligence and Machine Learning, Deep Learning	Natural Language Processing, Artificial Intelligence, Machine Learning, Deep Learning, High Performance Computing	Assistant Professor	Symbiosis Institute of Technology, Pune	rutal.mahajan@sitpune.edu.in	Yes
136	Dr. Madan Mohanrao Jagtap	Mechanical Engineering	Operation research, Manufacturing Systems Engineering, Quality Engineering, Multi criteria decision making, Modelling and simulation (Computational fluid dynamics), Statistical process control	Assistant Professor	Symbiosis Institute of Operations Management, Nashik	madan.jagtap@siom.in	Yes
137	Dr. Sachin R. Gaikwad	Electronics and Telecommunication, Energy, Artificial Intelligence and Machine Learning	Electronics and Telecommunication, Energy, Artificial Intelligence and Machine Learning	Assistant Professor	Symbiosis Institute of Technology, Pune	sachin.gaikwad@sitpune.edu.in	Yes
138	Dr. Dhanashree Barbole	Artificial Intelligence, Agricultural technology	Artificial Intelligence, Agricultural technology	Assistant Professor	Symbiosis Institute of Technology, Pune	ghanashree.barbole@sitpune.edu.in	Yes
139	Dr. Nilkanth Mukund Deshpande	Machine learning and deep learning, explainable AI	Machine learning and deep learning, explainable AI	Assistant Professor	Symbiosis Institute of Technology, Pune	nilkanth.deshpande@sitpune.edu.in	Yes
140	Dr. Tamal Mondal	Data Science and Analytics	Data Science and Analytics	Assistant Professor	Symbiosis Centre for Information Technology, Pune	tamal@scit.edu	Yes
141	Dr. Priyanka Vinayakrao Deshmukh	Machine Learning, Data Hiding Techniques, Cryptography	Machine Learning, Data Hiding Techniques, Cryptography	Assistant Professor	Symbiosis Institute of Technology, Pune	priyanka.deshmukh@sitpune.edu.in	Yes

List of Ph.D. supervisors							
Faculty of Engineering updated as on 29.11.2024							
Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id	Vacancy
142	Dr. Akash Vijay Fulari	Nanoscience and Nanotechnology	Nanoscience and Nanotechnology	Assistant Professor	Symbiosis Centre for Nanoscience and Nanotechnology, Pune	akash.fulari@scnn.edu.in	Yes
143	Dr. Akash Sharma	Physics	Physics	Assistant Professor	Symbiosis Institute of Technology, Hyderabad	akash.sharma@sithyd.siu.edu.in	Yes
144	Dr. Sirshendu Arosh	Imagine Processing, Computer vision AI-ML	Imagine Processing, Computer vision AI-ML	Assistant Professor	Symbiosis Centre for Information Technology, Pune	sirshendu@scit.edu	Yes
145	Dr. Pratiksha Devshali	Mathematics	Mathematics	Assistant Professor	Symbiosis Institute of Technology, Pune	pratiksha.bhavsar@sitpune.edu.in	Yes
146	Dr. Nitesh Dhar Badgayan	Computational Material Science, Data Analysis, Business Analytics	Computational Material Science, Data Analysis, Business Analytics	Assistant Professor	Symbiosis Centre for Management Studies, Bengaluru	niteshdhar.badgayan@scmsbengaluru.siu.edu.in	Yes
147	Dr. Mohmad Ausif Padder	Mathematical Modelling of Biological Systems	Mathematical Modelling of Biological Systems	Assistant Professor	Symbiosis Institute of Technology, Hyderabad	ausif.padder@sithyd.siu.edu.in	Yes
148	Dr. Shashank Chaube	Fuzzy reliability theory, optimization, soft computing, decision making	Fuzzy reliability theory, optimization, soft computing, decision making	Assistant Professor	Symbiosis Institute of Technology, Hyderabad	shshank.chaube@sithyd.siu.edu.in	Yes
149	Dr. Amulya Prasad Panda	Chemistry (Nanomaterials, Water/Wastewater Treatment Chemistry, Surface Chemistry)	Chemistry (Nanomaterials, Water/Wastewater Treatment Chemistry, Surface Chemistry)	Assistant Professor	Symbiosis Institute of Technology, Hyderabad	amulya.panda@sithyd.siu.edu.in	Yes
150	Dr. Dhruva Jyoti Bora	Bioelectronics and Biomedical Engineering	Bioelectronics and Biomedical Engineering	Assistant Professor	Symbiosis Institute of Technology, Hyderabad	dhruva.bora@sithyd.siu.edu.in	Yes
151	Dr. Archana Yashodip Chaudhari	Machine Learning, Smart Meter Data Analysis	Machine Learning, Smart Meter Data Analysis	Assistant Professor	Symbiosis Institute of Technology, Pune	archana.chaudhari@sitpune.edu.in	Yes
152	Dr. Sameer Sayyad	Artificial Intelligence, Machine Learning, Predictive Maintenance, Computer Vision, Robotics and Automation	Artificial Intelligence, Machine Learning, Predictive Maintenance, Computer Vision, Robotics and Automation	Assistant Professor	Symbiosis Institute of Technology, Pune	sameer.sayyad@sitpune.edu.in	Yes
153	Dr. Dipti Theng	Features Engineering, Machine Learning, Data Science	Features Engineering, Machine Learning, Data Science	Assistant Professor	Symbiosis Institute of Technology, Pune	dipti.theng@sitpune.edu.in	Yes
154	Dr. Nivedita Mishra	IoT Security, Cyber Security, Intrusion Detection Systems, Federated Learning, Deep Learning	IoT Security, Cyber Security, Intrusion Detection Systems, Federated Learning, Deep Learning	Assistant Professor	Symbiosis Institute of Technology, Pune	nivedita.mishra@sitpune.edu.in	Yes
155	Dr. Nargundkar Aniket Ravindra	AI based Optimization algorithms & applications, Robotics & Automation, Industrial Engineering, Smart Manufacturing, Manufacturing Management	AI based Optimization algorithms & applications, Robotics & Automation, Industrial Engineering, Smart Manufacturing, Manufacturing Management	Assistant Professor	Symbiosis Institute of Technology, Pune	aniket.nargundkar@sitpune.edu.in	Yes
156	Dr. Sudipta Banerjee	Electronic and Communication Engineering	Electronic and Communication Engineering	Assistant Professor	Symbiosis Institute of Technology, Pune	sudipta.banerjee@sitpune.edu.in	Yes
157	Dr. C.G. Balaji	Next Generation Network, 5G Software Define Network, Internet of Things	Next Generation Network, 5G Software Define Network, Internet of Things	Assistant Professor	Symbiosis Institute of Digital & Telecom Management, Pune	cgbalaji@sidtm.edu.in	Yes
158	Dr. Sourav Mondal	Entrepreneurship, circular economy, green & sustainable supply chain, strategic management, ethics, green, sustainability, tourism, climate finance, MCDM, SEM	Entrepreneurship, circular economy, green & sustainable supply chain, strategic management, ethics, green, sustainability, tourism, climate finance, MCDM, SEM	Assistant Professor	Symbiosis Centre for Management Studies, Pune	sourav.mondal@scmspune.ac.in	Yes
159	Dr. Arpita Ghosh	Environment & Sustainability	Environment & Sustainability	Assistant Professor	Symbiosis Centre for Management Studies, Pune	arpita.ghosh@scmspune.ac.in	Yes
160	Dr. Rajesh Lokchand Bisane	AIML: Intelligent control and operation systems, Robotics Automation: Autonomous vehicles EV: Electric Vehicle Battery Management Systems, PLM: Product Lifecycle Management using Teamcenter Development Centre AWC: Active Workspace Customization and Management using AI, I.C. Engines: Performance Enhancement and emissions analysis of IC Engines CFD: Computational Fluid Dynamics Analysis of Engine, Turbine, Heat Pump RAC: Solar Vapour Absorption Refrigeration System analysis	AIML: Intelligent control and operation systems, Robotics Automation: Autonomous vehicles EV: Electric Vehicle Battery Management Systems, PLM: Product Lifecycle Management using Teamcenter Development Centre AWC: Active Workspace Customization and Management using AI, I.C. Engines: Performance Enhancement and emissions analysis of IC Engines CFD: Computational Fluid Dynamics Analysis of Engine, Turbine, Heat Pump RAC: Solar Vapour Absorption Refrigeration System analysis	Assistant Professor	Symbiosis Institute of Technology, Pune	rajesh.bisane@sitpune.edu.in	Yes
161	Dr. Rahesha Yasin Mulla	Machine Learning & Deep Learning	Artificial Intelligence & Machine Learning	Assistant Professor	Symbiosis Institute of Technology, Pune	rahesha.mulla@sitpune.edu.in	Yes

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