



SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

(Established under section 3 of the UGC Act 1956)

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 updated as on August 29, 2023
Faculty of Engineering**

Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id	Vacancy availability Yes/No
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	Yes
2	Dr. Tarun Pratap Singh	Geospatial Sciences	Spatial Data Modelling	Professor and Director	Symbiosis Institute of Geoinformatics, Pune	tpsingh@sig.ac.in	No
3	Dr. Neelesh Kumbhojkar	Computer Science and Engineering	Machine Learning	Professor and Director	Symbiosis Centre for Alumni Engagement	director_scae@siu.edu.in	No
4	Dr. Mukesh Raghuwanshi	Computer Science and Engineering	Genetic Algorithm, Evolutionary Computing, Language Processors	Professor and Director	Symbiosis Institute of Technology, Nagpur	director@sitnagpur.siu.edu.in	Yes
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	arundhati@sitpune.edu.in	No
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	Yes
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	No
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	Yes
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	Yes
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	No
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	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	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, Suistanable Energy harvesting applications - Apply CFD for Solar still, distilation 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 vavious 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	Yes

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Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id	Vacancy availability Yes/No
14	Dr. Navendu Choudhary	Geoinformatics	spatial data analysis	Professor	Symbiosis Institute of Geoinformatics, Pune	navendu@sig.ac.in	Yes
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	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	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
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. Abhijeet K. Digalwar	Manufacturing Systems Engineering and Management	Manufacturing Systems Engineering and Management	Professor and Head Research	Symbiosis Centre for Management Studies, Nagpur	head_resnagpur@siu.edu.in	Yes
22	Dr. Bhavna Ambudkar	Electronics & telecommunication, Education technology	Electronics & telecommunication, Education technology	Professor	Symbiosis Institute of Technology, Pune	bhavna.ambudkar@sitpune.edu.in	Yes
23	Dr. Madhura Ingahalikar	Medical Image Processing	Medical Image Processing	Research Professor	Symbiosis International (Deemed University)	mingahalikar@gmail.com	No
24	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	Yes
25	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 EDSAFMandminiSIMS 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	Yes
26	Dr. Priteshkumar Biharilal Shah	Control System	Fractional Calculus, System Identification, process modeling	Associate Professor	Symbiosis Institute of Technology, Pune	pritesh.shah@sitpune.edu.in	Yes
27	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	Yes
28	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	Yes
29	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
30	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	Yes

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Faculty of Engineering

Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id	Vacancy availability Yes/No
31	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	Yes
32	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.i	Yes
33	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	Yes
34	Dr. Satish Kumar	Digital Twin , Predective Maintainance, Remaining Useful Life, Additive Manufacturing, Industry 4.o. Cryo treated Tool, Machining, Tribology, Composite Materials ,Industry 4.o.	Additive Manufacturing Cry treated Tool, Machining Tribology, Composite Materials , Nano- Composite , 3D Printing, Industry 4.o.	Associate Professor	Symbiosis Institute of Technology, Pune	satish.kumar@sitpune.edu.in	Yes
35	Dr. Shruti Ghanshyam Patil	Artificial Intlligence	Artificial Intlligence	Associate Professor	Symbiosis Institute of Technology, Pune	shruti.patil@sitpune.edu.in	Yes
36	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	No
37	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	Yes
38	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
39	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
40	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
41	Dr. Rahul Joshi	Machine Learning, Distributed Incremental Learning	Machine Learning, Distributed Incremental Learning	Associate Professor	Symbiosis Institute of Technology, Pune	rahulj@sitpune.edu.in	Yes
42	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	Yes
43	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	Yes
44	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	Yes
45	Dr. Vijaykumar Jatti	Mechanical	Mechanical	Associate Professor	Symbiosis Institute of Technology, Pune	ujaykumar.jatti@sitpune.edu.in	Yes
46	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	Yes
47	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
48	Dr. Rizwan Ahmed Ansari	Signal and image processing	Satellite image processing, Remote Sensing Technologies, Geoinformatics, Geospaital Intelligence, fractals and multiresolution analysis	Associate Professor	Symbiosis Institute of Technology, Pune	rizwan.ansari@sitpune.edu.in	Yes
49	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	Yes
50	Dr. Anindita Roy	Renewable energy, Energy storage	Renewable energy, Energy storage	Associate Professor	Symbiosis Institute of Technology, Pune	anindita.roy@sitpune.edu.in	Yes
51	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
52	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

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Faculty of Engineering

Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id	Vacancy availability Yes/No
53	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	Yes
54	Dr. Jyoti S. Bali	Low-Power, High- Performance Autonomous System Design	Low-Power, High- Performance Autonomous Svstem Design	Associate Professor	Symbiosis Institute of Technology, Pune	jyoti.bali@sitpune.edu.in	Yes
55	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	Yes
56	Dr. Sagarkumar Sridhar Badhive	Computer Science and Engineering	Time Series Analytics, Machine Learning, NLP, Compiler Design, etc	Assistant Professor	Symbiosis Institute of Technology, Nagpur	sagarkumar.badhive@sitnagpur.siu.edu.in	Yes
57	Dr. Shekhar Bhame	Magnetism in Oxides, Solid State Chemistry	Mgnetostrictive materials, Thermoelectricity in Oxides, Nano Materials Synthesis, Structure Property Correlation	Assistant Professor	Symbiosis Institute of Technology, Pune	shekhar.bhame@sitpune.edu.in	Yes
58	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
59	Dr. Jayant Jagtap	Digital Image Processing	Digital Image Processing, Medical Image Processing, Pattern Recognition, Machine Learning, Computer Vision	Assistant Professor	Symbiosis Institute of Technology, Pune	jayant.jagtap@sitpune.edu.in	Yes
60	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	No
61	Dr. Ram Kishun Lodhi	Mathematics	Numerical Analysis	Assistant Professor	Symbiosis Institute of Technology, Pune	ramkishun.lodhi@sitpune.edu.in	Yes
62	Dr. Sayali Apte	Environmental Engineering	Environmental Engineering	Assistant Professor	Symbiosis Institute of Technology, Pune	sayali.apte@sitpune.edu.in	No
63	Dr. Arunkumar ON	Operation Management	Operation Management	Assistant Professor	Symbiosis Institute of Business Management, Bengaluru	arunkumar@sibm.edu.in	No
64	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	Yes
65	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	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	No
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	No
68	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	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. 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	Yes
72	Dr. Nilisha Prashant Itankar	Environmental Science, Liquid waste Engineering	Bioremediation, Liquid waste management	Assistant Professor	Symbiosis Institute of Technology, Pune	nilishai@sitpune.edu.in	No
73	Dr. Pooja Singh	Environmental Biotechnology	Environmental Biotechnology, Wastewater and soil Treatment, Bioremediation, Biosurfactants	Assistant Professor	Symbiosis Centre for Waste Resource Management, Pune	pooja.singh@scwrm.siu.edu.in	Yes

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Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id	Vacancy availability Yes/No
74	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	Yes
75	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
76	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	Yes
77	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
78	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	Yes
79	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	Yes
80	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	Yes
81	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	Yes
82	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
83	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
84	Dr. Shwetambari Chihwane	Deep Learning	Deep Learning	Assistant Professor	Symbiosis Institute of Technology, Pune	shwetambari.chihwane@sitpune.edu.in	Yes
85	Dr. Ashlesha Bhise	Numerical techniques for solving hyperbolic conservation laws	Numerical techniques for solving hyperbolic conservation laws	Assistant Professor	Symbiosis Institute of Technology, Pune	ashlesha.bhise@sitpune.edu.in	Yes
86	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
87	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
88	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
89	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@sicrs.ac.in	No
90	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	Yes
91	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
92	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
93	Dr. Amit Kukker	Biomedical Signal Processing, Nonlinear Control System, Optimization, Machine Learning	Biomedical Signal Processing, Nonlinear Control System, Optimization, Machine Learning	Assistant Professor	Symbiosis Institute of Technology, Pune	amit.kukker@sitpune.edu.in	Yes

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94	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
95	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	Yes
96	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
97	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	Yes
98	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	Yes
99	Dr. Nilima Dipak Zade	AI, ML, WSN	AI, ML, WSN	Assistant Professor	Symbiosis Institute of Technology, Pune	nilima.zade@sitpune.edu.in	Yes
100	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	Yes
101	Dr. Ramesh B T	Mechanical Engineering	Mechanical Engineering, Material Science.	Assistant Professor	Symbiosis Institute of Technology, Pune	ramesh.bt@sitpune.edu.in	Yes
102	Dr. Rajesh K. Dhupal	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	Yes
103	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	Yes
104	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	Yes
105	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	Yes
106	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	Yes
107	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
108	Dr. Sourav Bhaduri	Medical Imaging (MRI/MRSI) in preclinical and clinical brain tumors	MRI/MRSI, Medical Physics, Neuroimaging, Biomedical Image processing, Cancer Research	Assistant Professor	Symbiosis Centre for Medical Image Analysis (SCMIA), Pune	sourav.bhaduri@scmia.edu.in	Yes
109	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	Yes
110	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
111	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	Yes
112	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
113	Dr. Shrikrishna Ulhas Kolhar	Electronics and Telecommunication Engineering	Electronics and Telecommunication Engineering	Assistant Professor	Symbiosis Institute of Technology, Pune	shrikrishna.kolhar@sitpune.edu.in	Yes
114	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
115	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

List of Ph.D. supervisors updated as on August 29, 2023
Faculty of Engineering

Sr. No.	Name	Specialization	Focus	Designation	Institute	Email Id	Vacancy availability Yes/No
116	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
117	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	Yes
118	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
119	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	Yes
120	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	Yes
121	Dr. Manoj Kumar Shukla	Robotics and Control	Robotics and Control	Assistant Professor	Symbiosis Institute of Technology, Pune	manoj.shukla@sitpune.edu.in	Yes
122	Dr. Shahid Ahmad Wani	Mathematics	Mathematics	Assistant Professor	Symbiosis Institute of Technology, Pune	shahid.wani@sitpune.edu.in	Yes
123	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
124	Dr. Priyanka Tupe Waghmare	Medical Imaging, AI	Medical Imaging, AI	Assistant Professor	Symbiosis Institute of Technology, Pune	priyanka.tupe@sitpune.edu.in	Yes
125	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	Yes
126	Dr. Sumegh Shrikant Tharewal	Computer Science, AI, ML, Block chain Pattern Recognition	Computer Science, AI, ML, Block chain Pattern Recognition	Assistant Professor	Symbiosis Institute of Computer Studies and Research, Pune	sumegh.tharewal@sicsr.ac.in	Yes
127	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	Yes
128	Dr. Priya Jadhav	Robotics and Automation	Robotics and Automation	Assistant Professor	Symbiosis Institute of Technology, Pune	priya.jadhav@sitpune.edu.in	Yes
129	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
130	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	Yes
131	Dr. Vaishnavi Dabir	Civil Engineering	Civil Engineering	Assistant Professor	Symbiosis Institute of Technology, Pune	vaishnavi.dabir@sitpune.edu.in	Yes