






Faculty Research Profile


Name of Faculty	Dr. Sudarshan Sanap	
Designation	Professor & Head	
Department	Mechanical Engineering	
Year of Joining	2017	
Mobile: 9822308171	Email ID: sudarshan.sanap@mituniversity.edu.in LinkedIn : https://www.linkedin.com/in/drsudarshansanap	
Qualifications Details:	Ph.D (Savitribai Phule Pune University, Pune)	
Experience	22 years of Research & Academic experience.	
Ph.D. candidates guided	4 ongoing	
M.Tech Thesis guided	30 +	
Area of Specialization:	Structural Vibrations, Advanced Manufacturing ,Fluid Mechanics	
Number of books authored	-	
Number of publications	60	
Research Index	Citations: -- h-index: -- , i10 index: --	
Number of patents:	03 patents filed	
Reviewer	--	
Research Fund / Consultancy projects	Research project from SPPU, Pune (2009) – 1.5 lacs	
Other information	LIC member SPPU University Staff Selection Committee -SPPU Member BoS at VIIT Member & Chairman ,BoS at MITADTU	
Workshops conducted	Conducted various workshops on - NVH - Reliability Engineering - Robotics	
Awards	--	

Name of Faculty	Dr. Virendra K. Bhojwani	
Designation	Asso. Dean (R&C) MITADTU	
Department	Professor, Mechanical Engineering	
Year of Joining	2019	
Mobile: 8888363687	Email ID: virendra.bhojwani@mituniversity.edu.in Linkedin : https://www.linkedin.com/in/drviendrabhojwani	
Qualifications Details:	Ph.D. IIT Bombay, M. E. (Gold Medalist)	
Experience	Overall 20 years of Industry/Research & Academic experience.	
Ph.D. candidates guided	5 completed / 5 ongoing	
M.Tech Thesis guided	30 plus	
Area of Specialization:	Cryocoolers, Energy, Refrigeration, Combustion	
Number of books authored	3	
Number of publications	70	
Research Index	Citations: 234, h-index: 8, i10 index: 10	
Number of patents:	10 patents filed	
Reviewer	International journal of Ambient Energy –T&F Cryogenics – Elsevier Mechanical Signal processing – Elsevier Thermal Science - Elsevier	
Research Fund / Consultancy projects	Ph.D. work sponsored by ISRO-IITB cell – 66 lacs Young Scientist fund by DST – 22.74 lacs (2013-16). ISRO-UoP-STC Research grant– 22.1 lacs (2016-19) Consultancy project from IIT Bombay (2018) – 5 lacs	
Other information	Member BoS at SPPU Member BoS at MITADTU	
Workshops conducted	Conducted various workshops on - Fundamentals of Thermodynamics - Intellectual Property rights	
Awards	First prize at Indian Machine Tool Expo 2020 for project presentation at i2A pavilion held at Bangalore in January 2020.	

Name of Faculty	Dr. Sachin S. Pawar	
Designation	Professor	
Department	Mechanical Engineering	
Year of Joining	2019	
Mobile: 7387431651	Email ID: sachin.pawar@mituniversity.edu.in LinkedIn : https://www.linkedin.com/in/sachin-pawar-ph-d-5463b919/	
Qualifications Details:	Ph.D. (North Carolina State University, USA.) Postdoc, National Research Tomsk Polytechnic University, Russia.	
Experience	Overall 19 years of Research & Academic experience.	
Ph.D. candidates guided	2 ongoing	
M. Tech Thesis guided	10 plus	
Area of Specialization:	Aerospace (fiber) composite materials, thermography, 3D printed composites, fiber optic sensors, structural health monitoring, NDT	
Number of books authored	Nil	
Number of publications	17	
Research Index	Google scholar Citations: 264, h-index: 7, i10 index: 6	
Number of patents:	Nil	
Reviewer	Infrared Physics and Technology- Elsevier International Journal of Heat and Mass Transfer – Elsevier	
Research Fund / Consultancy projects	Ph.D. work sponsored by National Science Foundation, USA, Postdoc research work sponsored by Russian government research lab, Research work and contributions on projects by National Science Foundation (NSF), US air-force office of scientific research, NASA, airbus.	
Other information	Member BoS at MITADTU	
Workshops conducted	various talks on - Career, education & research opportunities in foreign countries.	
Awards	Nil	

Name of Faculty	Dr. Bhmeshwar Kunjilal Patle	
Designation	Associate Professor	
Department	Mechanical Engineering	
Year of Joining	2020	
Mobile: 9755383710	Email ID: bhmeshwar.patle@mituniversity.edu.in	
Qualifications Details:	M. E. (CAD/CAM), Ph.D. (Robotics) NIT-Rourkela	
Experience	11 Years (Research and Teaching)	
Ph.D. candidates guided	1 ongoing	
M. Tech Thesis guided	4	
Area of Specialization:	Robotics, Composite Material, CAD-CAM	
Number of books authored	-	
Number of publications	35	
Research Index	Citations: 376, h-index: 12, i10 index: 13	
Number of patents:	1 patents filed	
Reviewer	More than 20 international journals (including Elsevier, Springer, Emerald, Inderscience, IEEE and many more)	
Research Fund / Consultancy projects	-	
Other information	Member BoS at MATS University, Raipur. Member of Indian Society for Technical Education	
Workshops conducted	Conducted various workshops on - Robotics - Research methodologies	
Awards	Post doc fellowship by Ministry of Science and Technology, Taiwan in 2019.	

Name of Faculty	Dr. Sandeep G. Thorat	
Designation	Assistant Professor	
Department	Mechanical Engineering	
Year of Joining	01/08/2017	
Mobile: 9890732176, 9096770276	Email ID: sandeep.thorat@mituniversity.edu.in LinkedIn : https://www.linkedin.com/in/dr-sandeep-thorat-a0b3a659/	
Qualifications Details:	Ph.D. (Mechanical Engineering) , M. E. (Design Engineering)	
Experience	Total Experience 19 years 01 Y Industry & 18 Y Academic experience.	
Ph.D. candidates guided	Nil	
M. Tech Thesis guided	05	
Area of Specialization:	Design Engineering & Optimization	
Number of books authored	00	
Number of publications	National Conference: 05 International Conference : 02 National Journal: 02 International Journal: 06 Total : 15	
Number of patents:	00	
Reviewer		
Research Fund / Consultancy projects	Project Title: “Automation of Cost Estimation for Tooling Industry” for M/s VEM Tooling India Pvt Ltd” Sponsoring Agency: Virtual Electronic Manufacturing Limited, Hong Kong Funding received: USD \$ 100,000	
Other information	Mission Leader for Autonomous Project at Tech Mahindra Subject Chairman at SPPU for 03 Subject Subject Chairman at MITADTU Member For Syllabus Setting Committee	
Workshops conducted	- Advanced MATLAB & Simulink	
Awards		

Name of Faculty	Dr. Mathew Karvinkoppa	
Designation	Assistant Professor	
Department	Mechanical Engineering	
Year of Joining	2018	
Mobile: 9767075627	Email ID: mathew.karvinkoppa@mituniversity.edu.in Linkedin : https://www.linkedin.com/in/mathewvkk/ ORCID ID: 0000-0002-0311-3639 Research Gate Link: https://www.researchgate.net/profile/Mathew_Karvinkoppa Web of Science ResearcherID: AAH-5815-2020	
Qualifications Details:	Ph.D. (Mechanical Engineering) VIT University, Vellore, TN, India	
Experience	Overall 10.5 years of Research & Academic experience.	
Ph.D. candidates guided	0	
M.Tech Thesis guided	3 plus	
Area of Specialization:	Heat Transfer, Computational Fluid Dynamics, Electronic cooling, Electric Vehicle, Battery Thermal Management System, Energy Storage Materials in Construction, Battery and Power plants, Renewable Energy.	
Number of books authored	1 Book Chapter	
Number of publications	15	
Research Index	Citations: 50, h-index:4, i10 index: 2	
Reviewer	Reviewer: Journal of Mechanical Engineering And Sciences (JMES), Malaysia Material Science , Elsevier Editor: E3S Web of Conference, 6 th Internal Conference on Energy and City of the Future, EVF2019	
Research Fund / Consultancy projects	Nil	
Awards	Received award for excellent contribution to receive NAAC Accreditation – A Grade in 2016 Attained The Best Performer Award for getting department NBA Qualified in 2015	