



## Faculty Research Profile

<b>Name of Faculty</b>	<b>Dr. Shalini Garg</b>		
Designation	Head, Department of Applied Sciences and Humanities		
Department	Associate Professor (Engineering Physics)		
Year of Joining	2017		
Mobile: 8412826598		Email ID: shalini.garg@mituniversity.edu.in	
<b>Qualifications Details:</b>		Ph.D. Delhi University, M. Sc. (Gold Medalist)	
<b>Experience</b>		Overall 20 years of Academic experience	
<b>Ph.D. candidates guided</b>		NIL	
<b>Area of Specialization:</b>		Nanophotonics, Electron waveguides	
<b>Number of books authored</b>		2	
<b>Number of publications</b>		17	
<b>Number of patents:</b>		NIL	
<b>Other information</b>		Chairperson, BoS at MITADTU	
<b>Workshops conducted</b>		Conducted various workshops on - Nanotechnology - Application of science in Engineering	
<b>Awards</b>		1. Young Scientist Award at 71 <sup>st</sup> Annual Session organized by The National Academy of Sciences, India held at Pune University on October 7, 2001. 2. Swarna Jayanti Puraskar for best Research paper in 2005 from IETE, Delhi	


## Faculty Research Profile

<b>Name of Faculty</b>	<b>Dr. Krishna Kumar</b>	
Designation	Assistant Professor	
Department	Applied Sciences and Humanities	
Year of Joining	2018	
Mobile: 9890290527	Email ID: <a href="mailto:krishna.kumar@mituniversity.edu.in">krishna.kumar@mituniversity.edu.in</a> LinkedIn : <a href="https://www.linkedin.com/in/krishna-kumar-65312b4">linkedin.com/in/krishna-kumar-65312b4</a>	
<b>Qualifications Details:</b>	M.Sc., Ph. D. (Mathematics)	
<b>Experience</b>	20 years of Academic experience.	
<b>Ph.D. candidates guided</b>	0 completed / 1 ongoing	
<b>Area of Specialization:</b>	Nonlinear Functional Analysis, Fixed Point Theory, Neural Networks, Machine Learning, Image Processing	
<b>Number of books authored</b>	01	
<b>Number of publications</b>	19	
<b>Number of patents:</b>	02 patents filed	
<b>Reviewer</b>	(i) Mathematical Sciences, A Springer Open Journal, USA. (ii) Journal of Advanced Research in Applied Mathematics, USA	
<b>Other information</b>	(i) Examination Coordinator of MIT SOE (ii) Academic Coordinator of FE (iii) Member BOS of MIT-ADT (2018-19)	
<b>Workshops conducted</b>	Values Added Programs are conducted for FE students.	
<b>Awards</b>	Got 74 <sup>th</sup> position in M. P. State merit list in HSC Exam Gold Medalist in Graduation and Post-Graduation	


## Faculty Research Profile

<b>Name of Faculty</b>	<b>Dr. Ruma Saha</b>	
Designation	Assistant Professor	
Department	Mathematics - Applied Sciences & Humanities	
Year of Joining	2019	
Mobile: 9545483869	Email ID: <a href="mailto:ruma.saha@mituniversity.edu.in">ruma.saha@mituniversity.edu.in</a>	
<b>Qualifications Details:</b>	Ph.D. Gauhati University, M.Phil	
<b>Experience</b>	Overall 8 years of Research & Academic experience.	
<b>Area of Specialization:</b>	Non-linear dynamics & Chaos	
<b>Number of publications</b>	4	
<b>M.Sc. Dissertation Guided</b>	2	
<b>Other information</b>	Life Member of ISTE	
<b>Workshops conducted</b>	Conducted workshops on - Application of Mathematics	


## Faculty Research Profile

<b>Name of Faculty</b>	<b>Dr. Jayashri Nalkar</b>		
Designation	Assistant Professor, MIT SOE MITADTU		
Department	Applied Science and Humanities		
Year of Joining	2017		
Mobile: 7972350895	Email ID: <a href="mailto:jayashri.nalkar@mituniversity.edu.in">jayashri.nalkar@mituniversity.edu.in</a>		
<b>Qualifications Details:</b>	Ph.D. MPhil, MA in English SPPU, Pune		
<b>Experience</b>	Overall 10 years of Academic experience.		
<b>Ph.D. candidates guided</b>	Nil		
<b>Area of Specialization:</b>	English Language and Literature		
<b>Number of publications</b>	10		
<b>Other information</b>	Member BoS at MIT SOE Member BoS at SHD MITADTU		


## Faculty Research Profile

<b>Name of Faculty</b>	<b>Dr. Manoj Patowary</b>	
Designation	Assistant Professor	
Department	Applied Sciences & Humanities (Chemistry)	
Year of Joining	2017	
Mobile: 8927527998	Email ID: <a href="mailto:manoj.patowary@mituniversity.edu.in">manoj.patowary@mituniversity.edu.in</a> Linkdin: <a href="https://www.linkedin.com/in/dr-manoj-patowary-89579934/">https://www.linkedin.com/in/dr-manoj-patowary-89579934/</a>	
<b>Qualifications Details:</b>	Ph.D. IIT Kharagpur	
<b>Experience</b>	Overall 09 years of Research & Academic experience.	
<b>Area of Specialization:</b>	Materials Chemistry & Environmental Chemistry	
<b>Number of publications</b>	07	
<b>Research Index</b>	Citations: 83, h-index: 5, i10 index: 4	
<b>Number of patents:</b>	01 patents filed	
<b>Awards</b>	<ul style="list-style-type: none"> <li>• Received Fellowship for Ph.D. from Ministry of Earth Sciences (<b>MoES</b>), Government of India Scholarships (2011-2013)</li> <li>• Received Fellowship for Ph.D. from Ministry of Human Resource Development (<b>MHRD</b>), Government of India Scholarships (2013-2016)</li> <li>• Received first prize in poster presentation at 15<sup>th</sup> Mines Environment &amp; Mineral Conservation Week 2014-15, organized by Indian Bureau of Mines (IBM) on dated 29.03.2015 at Park hotel, Kolkata, India</li> <li>• Got approval for the Ministry of Human Resource Development (Government of India) International Travel Support Scheme for attending International Conference at <b>University of Paris 8</b>, France (2015)</li> <li>• Memento of appreciation from DST &amp; Texas Instruments for mentoring UG students at “India Innovation Challenge Design Contest 2018”.</li> </ul>	


### Faculty Research Profile

<b>Name of Faculty</b>	<b>Dr. Monika Vishnoi</b>	
Designation	Asst. Prof.	
Department	Dept. of ASH (Mathematics), MITSOE,	
Year of Joining	16 <sup>th</sup> July 2018	
Mobile: 9372296695	Email ID: <a href="mailto:monika.vishnoi@mituniversity.edu.in">monika.vishnoi@mituniversity.edu.in</a>	
<b>Qualifications Details:</b>	M.Phil. Ph.D., M.J.P. Rohilkhand University, Bareilly, U.P.	
<b>Experience</b>	Overall 14 years of Research & Academic experience.	
<b>Ph.D. candidates guided</b>	-	
<b>M.Tech. Thesis guided</b>	-	
<b>Area of Specialization:</b>	Inventory Control, Supply chain management, Two warehouse	
<b>Number of books authored</b>	-	
<b>Number of publications</b>	6 Research paper have been published in Reputed International Journals.	
<b>Research Index</b>	6 Research papers have been published International conference proceedings including <b>Springer</b> and <b>Elsevier</b>	
<b>Number of patents:</b>	-	
<b>Reviewer</b>	-International Journal of Operations Research and optimization (IJORO) -International Transactions in Mathematical sciences and Computer (ITMSC)	
<b>Research Fund / Consultancy projects</b>	-	
<b>Other information</b>	Member of Operational Society of India, Member of AACSB Journals Member BoS at MITADTU	
<b>Workshops conducted</b>	-	
<b>Awards</b>	Got 4 <sup>th</sup> position in University in M.Phil. (Mathematics) from Ch. Devi Lal university, Sirsa, Haryana	

## Faculty Research Profile


<b>Name of Faculty</b>	<b>Dr. Ramya C.</b>		
Designation	Assistant Professor, ASH (Chemistry)		
Department	Applied Sciences and Humanities MIT-School of Engineering MIT-ADT University, Pune		
Year of Joining	2017		
Mobile: 8879952622	Email ID: <a href="mailto:ramya.chulliyil@mituniversity.edu.in">ramya.chulliyil@mituniversity.edu.in</a> LinkedIn : <a href="https://www.linkedin.com/in/ramya-chulliyil-43b149167/?originalSubdomain=in">https://www.linkedin.com/in/ramya-chulliyil-43b149167/?originalSubdomain=in</a>		
<b>Qualifications Details:</b>	Ph.D. in Chemistry from <b>IIT Bombay</b> , <b>UGC-JRF</b> , <b>UGC-SRF</b> , <b>CSIR-NET</b> , <b>GATE-Chemical Sciences</b>		
<b>Experience</b>	Overall 10 years of Research & Academic experience.		
<b>Area of Specialization:</b>	Single particle imaging and spectroscopy on nano/microcrystals, Synthesis of nanoparticles, Efficiency enhancement of solar cells and LEDs.		
<b>Number of publications</b>	6 publications in International Journals		
<b>Research Index</b>	Citations: 769, h-index: 4, i10 index: 3		
<b>M.Tech. Dissertation Guided</b>	One at IIT Bombay		
<b>Other information</b>	(1).Teaching Assistant to B.Tech Students of IIT Bombay for 2 years. (2). over 660 citations for one paper published in an international journal Angew. Chem. with impact factor ~13. (3). M.Sc project fellow at CSIR-National Chemical Laboratory Pune for 5 months from 2009 March-July.		
<b>Awards</b>	(1). Award of <b>Senior Research Fellowship</b> of University Grant Commission (UGC), New Delhi, India, (January 2013-December 2015). (2). Award of <b>Junior Research Fellowship</b> of University Grant Commission (UGC), New Delhi, India, (January 2011-December 2012). (3). Qualified <b>GATE in Chemical sciences</b> in February 2010. (4). Industrial Research and Consultancy Centre (IRCC) project fellow at IIT Bombay for the period of 6 months from January-May 2016.		

## Faculty Research Profile


<b>Name of Faculty</b>	<b>Dr. Vinayak A. Dhumale</b>	
<b>Designation</b>	Assistant Professor	
<b>Department</b>	Applied Science and Humanities	
<b>Year of Joining</b>	2019	
<b>Mobile No:</b> 9881209587	Email ID: <a href="mailto:vinayak.dhumale@mituniversity.edu.in">vinayak.dhumale@mituniversity.edu.in</a>	
<b>Qualifications Details:</b>	Ph.D. (DIAT (DU)), Pune	
<b>Experience</b>	08 years Teaching and 05 Years Research	
<b>Area of Specialization:</b>	Antibacterial, biomedical, sensors of nanoparticles	
<b>Number of publications</b>	14 (International Journal)	
<b>Research Index:</b>	Citations: 299, h-index: 07, i10 index: 05	
<b>Reviewers:</b>	1. J. of Materials Science and Engineering C (Elsevier) 2. Cogent Chemistry	
<b>Research Fund / Consultancy projects:</b>	1. JRF-SRF fellowships funded by DIAT-DRDO 2. BOD, SPPU Pune funded 2.30 Lacks for project work	



### Faculty Research Profile

<b>Name of Faculty</b>	<b>Dr. Bhavik Kodrani</b>	
Designation	Assistant Professor	
Department	Physics	
Year of Joining	2017	
Mobile: 9913797917	Email ID: <a href="mailto:bhavik.kodrani@mituniversity.edu.in">bhavik.kodrani@mituniversity.edu.in</a> Linkedin : <a href="https://www.linkedin.com/in/bhavik-kodrani-a321b712/">https://www.linkedin.com/in/bhavik-kodrani-a321b712/</a>	
<b>Qualifications Details:</b>	Ph.D.	
<b>Experience</b>	Overall 14 years of Research & Academic experience.	
<b>Ph.D. candidates guided</b>	0	
<b>M.Tech Thesis guided</b>	0	
<b>Area of Specialization:</b>	CP violation, Neutrino Physics, Physics Beyond Standard Model	
<b>Number of books authored</b>	0	
<b>Number of publications</b>	8	
<b>Research Index</b>	Citations: 113, h-index: 5, i10 index: 5	
<b>Number of patents:</b>	0	
<b>Reviewer</b>	-	
<b>Research Fund / Consultancy projects</b>	-	
<b>Other information</b>	Member BoS at MITADTU	
<b>Workshops conducted</b>	-	
<b>Awards</b>	-	


## Faculty Research Profile

<b>Name of Faculty</b>	<b>Dr. H. R. Bhapkar</b>		
Designation	Asstt. Prof. IQAC Coordinator, MITADTU		
Department	Applied Sciences and Humanities (Mathematics)		
Year of Joining	2017		
Mobile: 8888363687		Email ID: <a href="mailto:haribhau.bhapkar@mituniversity.edu.in">haribhau.bhapkar@mituniversity.edu.in</a>	
<b>Qualifications Details:</b>	M. Sc., SET, Ph. D. (Mathematics)		
<b>Experience</b>	20 Years		
<b>Ph.D. candidates guided</b>	<b>02</b> ongoing (Co- guide : 03)		
<b>Area of Specialization:</b>	Graph Theory, Mathematical Modelling		
<b>Number of books authored</b>	<b>141</b>		
<b>Number of publications</b>	<b>21</b>		
<b>Number of Copyrights</b>	<b>02</b>		
<b>Resource Persons/Interview</b>	<b>Zee 24 Taas Channel, Radio, TEQIP, FDP, Workshops, . .</b>		
<b>Editor</b>	<b>Journal of Mathematical Problems, Equations and Statistics</b>		
<b>Associate Editor</b>	<b>International Journal of Statistics and Applied Mathematics</b>		
<b>Reviewer</b>	<ol style="list-style-type: none"> <li>1. International Journal of Applied Science and Mathematical Theory</li> <li>2. International Journal of Mathematics Trends and Technology</li> <li>3. Journal of Mathematics Research</li> </ol>		



	<ol style="list-style-type: none"><li>4. International Journal of Statistics and Applied Mathematics</li><li>5. International Journal of Engineering Research and Technology</li><li>6. International Journal Innovative Research in Science, Engineering and Technology</li><li>7. International Journal of Mathematical Sciences and Engineering Applications</li><li>8. International Journal of Pure and Engineering Mathematics</li></ol>
<b>Other information</b>	<b>Member BoS at MITADTU</b> <b>Member BoS at MCACS, SPPU, Pune</b>
<b>Awards</b>	<b>Best Teacher Award – 2019</b> <b>Best Teacher Award – 2020</b>

## Faculty Research Profile

<b>Name of Faculty</b>	<b>Dr. Rahul Vilasrao Kadu</b>	
Designation	Assistant Professor	
Department	Applied Sciences and Humanities, MIT School of Engineering, MIT ADT University, Pune	
Year of Joining	2017	
Mobile: 9109600380	Email ID: <a href="mailto:rahul.kadu@mituniversity.edu.in">rahul.kadu@mituniversity.edu.in</a> Linkedin : <a href="https://www.linkedin.com/in/rahul-kadu-705b94155/">https://www.linkedin.com/in/rahul-kadu-705b94155/</a>	
<b>Qualifications Details:</b>	Post-Doctoral Fellow (IISER, Bhopal) Ph.D. (M. S. University of Baroda) CSIR-UGC NET JRF and SRF M.Sc. (Drug Chemistry)	
<b>Experience</b>	Overall 11 years Research & Academic experience Research experience: 08 Years, Academic experience: 03	
<b>Area of Specialization:</b>	Supramolecular, Organometallic, Synthetic and Medicinal Chemistry	
<b>Number of publications</b>	12 International Journals + 14 Conferences (6 International and 8 National conferences)	
<b>Research Index</b>	Citations: 197, h-index: 9, i10 index: 9	
<b>Other information</b>	Member BoS at MITADTU	
<b>Awards</b>	<ul style="list-style-type: none"> <li>- Award of <b>Institute Post-Doctoral Fellowship</b> by Indian Institute of Science Education and Research (IISER), Bhopal- 462 023, Madhya Pradesh (INDIA), (November 2015-June 2017).</li> <li>- Award of <b>Post-Doctoral Fellowship</b> by Indian Institute of Science Education and Research (IISER), Bhopal- 462 023, Madhya Pradesh (INDIA), (September 2015-November 2015).</li> <li>- “<b>Best Poster Award</b>” in the ‘National Conference-Supramolecular and Nanotechnology’ held at Institute of Research and Development, Gujarat Forensic Sciences University, Gandhinagar, Gujarat, (October 18-19, 2013).</li> <li>- “<b>Best Poster Award</b>” in the ‘National Conference on Current Innovations in Chemical Research (NCCICR-2014)’, K. J. Somaiya college of Arts, Commerce and Science, Kopergaon., (December 22-23, 2014).</li> <li>- Award of <b>Senior Research Fellowship</b> of University Grant Commission (UGC), New Delhi, India, (June 2011-May 2014).</li> <li>- Award of <b>Junior Research Fellowship</b> of University Grant Commission (UGC), New Delhi, India, (June 2009-May 2011).</li> </ul>	