

Faculty Profile

Title	Dr.	Madhura Manish Sahare		Photograph
Designation		Assistant professor		
School / Dept. Name		Physics department, VMV Commerce JMT Arts & JJP Science College		
Address:		Physics department, VMV Commerce JMT Arts & JJP Science College, Central Ave, near Nagpur, Wardhaman Nagar Colony, Nagpur, Maharashtra 440008.		
Phone No.		Office		
		Residence		
		Mobile		
Email		mbhute2013@gmail.com		
Web Page (if any)				
Subject Taught		Physics, Space Science		
Areas Of Intrest / Specialization		Solid state Physics		
Experience (in years)		Total		
		Teaching	5 years	
		Research	5 years	
		Administration		
Educational Qualifications		UG	B.Sc. (PCM)	
		PG	M.Sc. Physics	
		Doctorate	Ph.D. (Lithium ion Battery): RTM Nagpur University, Nagpur.	
		Any other	B.Ed.	

Research Publications in Journals (last five years)	<ol style="list-style-type: none"> 1. "Electrospun poly(vinylidene fluoride)/cellulose acetate/AgTiO₂ nanofibers polymer electrolyte membrane for lithium ion battery", Monali V. Bhute, Subhash B. Kondawar, Solid State Ionics, 333, 38–44, 2019, https://doi.org/10.1016/j.ssi.2019.01.019 2. "Improved performance of silver doped titania/poly(vinylidene fluoride) nanofibers polymer electrolyte for lithium ion battery", Monali M. Bhute, Sagar Mitra, Subhash B. Kondawar, Materials Letters, 236, 225-228, 2019, https://doi.org/10.1016/j.matlet.2018.10.107 3. "Fabrication of hybrid gel nanofibrous polymer electrolyte for lithium ion battery", Monali V. Bhute, Subhash B. Kondawar, Pankaj Koinkar, International Journal of Modern Physics B , 32(19) 1840066, 2018, DOI: 10.1142/S0217979218400660 4. Titanium dioxide/poly(vinylidene fluoride) hybrid polymer composite nanofibers as potential separator for lithium ion battery, Monali V. Bhute, Yogita P. Mahant, Subhash B. Kondawar, Journal of Materials NanoScience, 4(1), 6-12, 2017. http://pubs.iscience.in/jmns
Papers Published in Conference Proceedings (last five years)	<ol style="list-style-type: none"> 1. "Electrospun poly (vinylidene fluoride)/poly (methyl methacrylate) composite nanofibers polymer electrolyte for batteries" Y. P. Mahant, D. V. Nandanwar, Monali Bhute, S. B. Kondawar, Procedia Materials Science, Elsevier publishing, 10, 595 – 602, 2015 DOI: 10.1016/j.mspro.2015.06.011 2. "Synthesis and Characterization of Conducting Polyaniline/Al-Doped Tin Oxide Composite Nanofibers", Hemlata J. Sharma, Monali V. Bhute, Subhash B. Kondawar, International Journal of research in biosciences, agriculture and technology, 2015, 2, 86-91 (ISSN No.2347-517X)

Web Link of Research Papers / Projects e.g. Research Gate, Google Scholar, Academia	https://scholar.google.com/citations?hl=en&user=2ZmmTjcAAAAJ
Books Authored / Edited	<p>Book Chapters: “Application of Electrospun Materials in Batteries”, Chapter – 15, Subhash B. Kondawar and Monali V. Bhute, © 2020 Scrivener - Wiley Publishing LLC,</p> <p>Book Title: Electrospun Materials and Their Allied Applications, pp 415-439, Print ISBN:9781119654865 Online ISBN:9781119655039, https://doi.org/10.1002/9781119655039.ch15</p> <p>Book Title: Space Science for B.Sc. first year students according to the New Education Policy (NEP)-2020 of Govt. of India. Authors: Madhura M. Sahare, Akash A. Deshmukh Publication House: Sai Jyoti Publications, ISBN No.: 978-93-48367-90-7.</p>

No of Conferences		Attended	Organised	
	National	4		
	International	4		
Research Guidance				
		PG	M.Phil.	Doctorate
	Awarded	Awarded		Awarded
	Undergoing			
Awards & Distinctions	Basic Science Research Fellowship by University Grants Commission (UGC): Junior Research Fellow: 2 nd November 2015–1 st November 2017 Senior Research Fellow: 2 nd November 2017–30 th June 2019			
Administrative Assignments Handled				
Association with Professional Bodies				