



महात्मा ज्योतिबा फुले
उद्योग विद्यापीठ, बी.बी.

Faculty Profile on University Website

Title	Dr.	First Name	SONI	Last Name	SHARMA	Photograph
Designation	Faculty Member					
Department	Physics					
Address	(Campus)	Department of Physics				
	(Residence)					
Mobile	8077177237					
Email	Personal	Sonisharma.physics@gmail.com				
	University Domain					
Professional Networking ID, ie. LinkedIn, Twitter etc.						
Educational Qualifications (Graduation Onwards)						
Course/Degree	Institution			Year	Details/Thesis Topic/Subjects	
B.Sc	R.H.G.P.G. college	Kashipur,	2015	Physics, Mathematics, chemistry		
M.Sc	R.H.G.P.G. college	Kashipur,	2017	Physics		
Ph.D	G.B. Pant University of Agriculture & Technology, Pantnagar		2022	Study for the size, shape, pressure and temperature dependent properties of nanomaterials		
Career Profile						
Organization / Institution			Designation	Duration	Nature of Duties	
G.B. Pant University of Agriculture & Technology, Pantnagar			Teaching Cum research Assistantship	2018-2021	Teaching/Lab/Research	
Research Interests / Specialization-Theoretical Nanoscience						
Research Experience in Years-						
No of Research Scholars Successfully Guided-						
Name of Programme	Awarded			Under Supervision		
Ph.D	----			----		
M.Phil.	----			----		
Dissertation (M.Ed./M.A.)	----					
Researcher/Expert ID	Scopus	Orchid	Pu blo ns	Vidwa n	Google Scholar	
Teaching Experience (Subjects/Courses Taught)						

Honors & Awards & Fellowship FOR OUTSTANDING WORK									
Name of Award/Fellowship				Awarded By					
				Name of Governmental Agency	Name of Government Supported Organization/Department	Name of International Recognized Body			
Publications /Academic Activities (Numbers Only)									
Books (Co-authored)		Research Papers Published in Other Journals		Seminar/Conferences Attended	5	Workshops Organized		Research Projects (Ongoing)	
Books (Edited)		Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.		Sessions Chaired in Seminars/Conferences		Membership of Academic/Professional Bodies		Foreign Countries Visited for Academic Assignments	
Chapters in Edited Books				Resource Lectures Delivered					
Details of Publications /Academic Activities (2010 Onwards)									
(a) Authored Books / Monographs									
Name of Book	Year of Publication	Publisher			ISBN No				
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(b) Edited Books									
Year of publication	Title	Publisher		ISBN	DOI No.	Citations			
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(c) Papers Published in UGC Care Listed/Indexe d/ Peer Reviewed Journals									
Year of Publication	Title	Name of Journal		ISSN No.	Citations	Impact Factor			
2022	Size and Shape dependence equation of state and bulk modulus for nanomaterials.	High temperature High Pressure Physics		1472-3441	-	1.082			
2022	Thermal properties of solids under varying conditions of pressures and temperature	Indian Journal of Pure and Applied Physics.		0975-1041	-	0.846			
2020	Development of simple model for size and shape dependence of cohesive energy for nanomaterials	Invertis Journal of Renewable Energy		2454-7611	-	NA			
(d) Chapter/Paper Published in Edited Books									

Publication		Title of the Book	Title of the Chapter	Name & Address of Publisher	Year	ISBN	DOI	Citation Google/web of science
National	International							

(e) Invited as Resource Lectures Person/Examiner/Expert

Resource person	Detail of Event	Title of Lecture	Date	Institution
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(f) Seminars/Conferences/Workshops Organized -

(g) Projects (With Title, Year, Grants, Funding Agency and Collaborations)

Year	Name of Project	Funding Agency	Amount	Duration	
				From	Till

(h) Administrative Positions/Assignments Held

Post	Organization	Duration	
		From	To

(i) Seminar/Conference Presentations

(j) Memberships of Academic/Professional Bodies

(k) Participation in Community Service/Exchange Programme/ Consulting Activity