

Name of faculty: Dr. Upendra B. Mahatme		Subject: Physics			
The Research Details in the following columns					
No. of papers published in national/ International Journals	No. of papers published in National/ International Conferences	Projects Carried out: Title, amount & sanctioning authority	No of Ph.D. students (Completed / Ongoing):	Patents Title (Filed & granted): with registering authority	Technology Transfer:
25	36	Title: <i>"TO SYNTHESIZE THE CONDUCTING POLYMER NANOCOMPOSITES OF POLYANILINE WITH METAL OXIDES, METAL SULPHIDES, MINERAL OXIDES AND STUDY OF THEIR APPLICATION ORIENTED PARAMETERS"</i> Amount: 1,90,000/- Sanctioning Authority: UGC	Completed: 03 Ongoing: 01	Patent registered in the patent office of Govt. of India, for the design the device works on" BREAST <i>CANCER DETECTION DEVICE USING MICRO CALCIFICATION</i>" on dated 26/04/2024	
Books published with details in the following columns					
Book Title			Publisher	ISBN	year of publication
Text Book: Solid State Devices and Electronics			G. C. publishers, Nagpur (India)	ISBN 978-81-926159-2-9	2012
Chapter: 5 Quantization of molecular Energy Book - Solid State Electronics and Molecular Physics			G. C. Publishers, Nagpur (India)	ISBN 978-93- 82962-53-3	2015

Chapter: 3, 4 Ultrasonic and Power Supply. Book: Sound Waves, Applied Acoustic, Ultrasonic and Power Supply.	Central Techno Publications, Nagpur (India)	ISBN 978-81-932578-5-2	2016
Chapter 08: in Book: <i>Advanced Aspects of Engineering Research Vol 6</i>	B. P. International	ISBN-13 (05) 978-93-90888-02-3 (Print) 978-93-90888-10-8 (eBook)	2021
Chapter 14: in Book: <i>“Recent Trends in Chemical and Material Sciences” Vol. 2</i>	B. P. International	ISBN-13 (15) 978-93-91473-41-9 (Print) 978-93-91473-49-5 (eBook)	2021
Book: “Basics of Nanoscience, Nanomaterials and Nanotechnology’	B. P. International	ISBN 978-93-91595-12-8 (Print) 978-93-91473-03-7 (eBook)	2021
Book: “Basics of Special Theory of Relativity”	B. P. International	ISBN 978-81-967401-1-5 (Print) 978-81-967401-0-8 (eBook)	2023
Chapter 04: “Fundamentals of Molecular Physics” Book: Current Perspective to Physical Science Research Vol. 4	B. P. International	ISBN 978-81-967723-4-5 (Print) 978-81-967723-3-8 (eBook)	2023