Faculty mem	aber Subject: Physics				
Name:	Dr. Upendra B. Mahatme				
Date of Birth:	10 <sup>th</sup> January 1965				
Unique ID:	Orcid ID: https://orcid.org/0000-0002-0211-5544 Scopus Author ID: 36481603500 Research Gate ID: https://www.researchgate.net/profile/Upendra-Mahatme Google Scholar ID: kLB_pSYAAAAJ Researcher ID: HOF-8509-2023 Vidwan profile URL: https://vidwan.inflibnet.ac.in//profile/399809 drmahatme@kzsscollege.edu.in , ubm.kzs@gmail.com				
Education Qualifications:	M.Sc. Ph.D.				
Work Experience (in yrs)	Teaching: 31 yrs Research: 20 yrs Industry: Others:				
Area of Specialization:	Basic Electronica and Communication				
Courses taught:	B. Sc. (Physics)				
Research guidance (Number of Students):	04				
Date of Joining:	19/02/1998				
Date of Retirement:	19/02/2025				
Type of association – (Tick mark on applicable)	√ Permanent Faculty / Adjunct Faculty /Visiting faculty				

## 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:  "TO SYNTHESIZE THE  CONDUCTING POLYMER  NANOCOMPOSITES OF  POLYANILINE WITH METAL  OXIDES, METAL SULPHIDES,  MINERAL OXIDES AND STUDY  OF THEIR APPLICATION  ORIENTED PARAMETERS"  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: Advanced Aspects of Engineering Research Vol 6	B. P. International	ISBN-13 (05) 978-93-90888-02-3 (Print) 978-93-90888-10-8 (eBook)	2021
Chapter 14: in Book: "Recent Trends in Chemical and Material Sciences" Vol. 2	B. P. International	ISBN-13 (15) 978-93-91473-41-9 (Print) 978-93-91473-49-5 (eBook)	2021
<b>Book:</b> "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