

Faculty member Subject: PHYSICS	
Name:	Dr. SHARADKUMAR C. GEDAM
Date of Birth:	02/08/1969
Unique ID:	email id: gedam_sc@rediffmail.com orchids id: Research Gate id: Google Scholar id: Scopus Author id: 15062851500 Vidwan profile URL: Researcher id: ----
Education Qualifications:	M. Sc. (Physics) Ph.D
Work Experience (in yrs)	Teaching: 27 yrs Research: 22 yrs Industry: Nil Others: Nil
Area of Specialization:	Digital Electronics and Microprocessor
Courses taught:	B. Sc. Physics Courses
Research guidance (Number of Students):	08
Date of Joining:	17/07/1999
Date of Retirement:	02/08/2029
Type of association - (Tick mark on applicable)	Permanent Faculty

Name of faculty:	Dr. SHARADKUMAR C. GEDAM	Subject: Physics
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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:
90	110	Synthesis and characterization of Na based phosphor	Completed: 07 Ongoing: 01	Title of invention: Synthesis and study of trivalent cerium activated Ca ₂ Pb ₃ (PO ₄) ₃ Cl novel blue emitting phosphor for solid state lighting	Nil
		130000		Patent number: 2021106831 24 August 2021	
		UGC		Commissioner of Patents, Australia	

Books published with details in the following columns

Name of the book	Publisher	ISBN	year of publication
1. "Luminescence and its Applications" (Advance Research Series Vol.-1)	McMillan Publication India Ltd. New Delhi.	ISBN:978-0230-63054-3	2007
2. "Photoluminescence Research Progress" Editors: Harry K. Wright and Grace V. Edwards. Chapter 2, PP. 35-81	Nova Science Publication, New York, U.S.A.	ISBN 13: 978-1-60456-538-6 ISBN 10: 1-60456-538-1	2008
3. A Text Book of "Properties of Matter and Mechanics" for B. Sc.	Sai Jyoti publication, Nagur.	ISBN: 978-93-81432-76-1	2013

Sem-I paper I			
4. A Text Book of Electrostatics, Time varying Fields And Electric Currents for B. Sc. Sem-I paper II	Sai Jyoti publication, Nagur.	ISBN: 978-93-81432-86-0	2013
5. A Text Book of Sound waves, Applied acoustic, Ultrasonic and Power supply for B. Sc.	Sai Jyoti publication, Nagur.	ISBN: 978-93-81432-81-5	2013
6. A Text Book of Physical optics and Electromagnetic waves for B. Sc.	Sai Jyoti publication, Nagur.	ISBN: 978-93-81432-85-3	2014
7. A Text Book of Oscillation and Thermodynamics for B. Sc.I	Sai Jyoti publication, Nagur.	ISBN: 978-93-81432-64-8	2014
8. A Text Book of Solid State Physics, X-Ray and Laser for B. Sc. II	Sai Jyoti publication, Nagur.	ISBN: 978-93-81432-49-5	2015
9. A Text Book of Quantum Mechanics and Nanoscience for B. Sc. III	Sai Jyoti publication, Nagur.	ISBN: 978-93-81432-71-5	2015
10. PHENOMENON IN ENVIRONMENTAL AND NANO SCIENCE: Luminescence of Ce ³⁺ in KMgCl ₃ Nanomaterial by Novel Synthesis Routes	Jaya Publishing House, Delhi (India)	ISBN: 978-93-89996-32-6	2021
11. PHENOMENON IN ENVIRONMENTAL AND NANO SCIENCE: Thermoluminescence Behavior and Evaluation of Trapping Parameters in $KMgSO_4F: X$ (X = Cu or Dy or Eu) Nanophosphor	Jaya Publishing House, Delhi (India)	ISBN: 978-93-89996-32-6	2021