

Curriculum Vitae (C.V.)

Mr. Dalesh Maniram Parshuramkar

Assistant Professor
Department of Physics,
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Objectives:

- To strive for academic excellence and impart quality education for backward region of eastern vidarbha.
- To give my 100% to the organization in which I shall be working and to hold a key position in that organization.
- To seek a position as an Assistant Professor with an opportunity for continuous growth of graduate and postgraduate students of Physics in all the aspects.
- To work in a meaningful and challenging position that enables me to develop myself as professional and permit scope for the advancement.

Academic Record:

Exam	Board/ University	Division	Year of Passing
SET	Accredited by UGC & Conducted by University of PUNE	Qualified	17 Feb, 2013
GATE	NCB- GATE for Dept. of Higher Education, MHRD, Govt. of India	Qualified (AIR 528)	2013
M. Sc.	R. T. M. Nagpur University, Nagpur	I (67.40%)	2010
MS-CIT	MSBTE, Mumbai	I (92%)	2008
B. Sc.	R. T. M. Nagpur University, Nagpur	I (67.70%)	2007
HSC	Maharashtra State Board, Pune	I (61.67%)	2003
SSC	Maharashtra State Board, Pune	I (70.66%)	2001

Teaching Experience:

Courses Taught	Name of the University/ College	Duration	Experience
U.G. (B. Sc.)	Gondwana University, Gadchiroli N. H. College, Bramhapuri	11/09/2013 till date	13 Years
P.G. (M. Sc.)	Gondwana University, Gadchiroli N. H. College, Bramhapuri	11/09/2013 till date	13 Years

Research Experience:

- Completed the **Ph. D. Research work** in the topic entitled “**Development of some Lanthanides activated inorganic phosphors for environment friendly solid state lighting applications**” under the guidance of **Dr. A. N. Yerpude**, Assistant Professor, N. H. College, Bramhapuri.

Minor Research Projects Undertaken:

Synthesis of $CuO_x(Ce_{0.9}Gd_{0.1})_{1-x}O_{2-δ}$ anode material for SOFC by combustion method and its characterization	MSRL, Dept. of Physics, R. T. M. Nagpur University, Nagpur
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Research Papers /Abstract Published:

- Advanced Anodes for Solid Oxide Fuel Cell (SOFC), **D. M. Parshuramkar**, D. H. Gahane, *NHRJMS*, 1(2016).
- Luminescence properties of $MgCaAl_{10}O_{17}: RE^{3+}$ ($RE^{3+} = Sm^{3+}, Dy^{3+}$) phosphor for eco-friendly solid state lighting applications. A. N. Yerpude, **D. M. Parshuramkar**, V. B. Pawade, N. S. Kokode, S. J. Dhoble, *Luminescence*, 37(10), 1710 (2022) (I. F. 3.2).
- Photoluminescence in Sm^{3+} activated $CaMgB_2O_5$ phosphors for environment friendly solid state lighting applications, **D. M. Parshuramkar**, A. N. Yerpude, S. J. Dhoble, (*NSAMC-2022*), OT 29, August 26-27, 2022.
- FUEL CELL: - Promising Alternative Energy Source with Less Pollution, Less

Greenhouse Gas Emission & High Efficiency, **D. M. Parshuramkar**, A. J. Mungole, A. P. Pawar, (**NSAMC-2022**), OT 9, August 26-27, 2022.

- Photoluminescence properties of Dy³⁺ activated CaMgB₂O₅ phosphor for solid state lighting, **D. M. Parshuramkar**, A. N. Yerpude, S. J. Dhoble, OP, (**ICAMET-2022**), **December 19, 2022**.
- Synthesis and Luminescence properties of Dy³⁺ ions doped KMgPO₄ phosphor for solid state lighting, **D. M. Parshuramkar**, A. N. Yerpude, S. J. Dhoble, **Bulletin of Material Science**, 46, 131 (June 2023) (**I. F. 1.8**).
- Photoluminescence properties of CaMgB₂O₅: RE³⁺ (RE = Dy, Eu, Sm) environment friendly phosphor for solid state lighting, **D. M. Parshuramkar**, A. N. Yerpude, S. J. Dhoble, **Indian Journal of Physics**, **October, 2023 (I. F. 1.6)**.
- Plant-Mediated ZnO Nanoparticles for Antimicrobial Activity: A Short Review, A. P. Pawar, A. J. Mungole, **D. M. Parshuramkar**, **Research Journey**, December 18, 2023.
- Photoluminescence properties of Novel NaPb₄ (PO)₄: Dy³⁺ phosphors for n-UV solid-state lighting prepared by combustion synthesis, A. N. Yerpude, **D. M. Parshuramkar**, **Journal of Optics**, **December, 2023 (I. F. 1.6)**.
- Structure and Luminescence Properties of Novel Dy³⁺ and Tb³⁺ Activated Ca₁₀(PO₄)₆Cl₂ Phosphors for Solid-State Lighting Devices, Roshana. T. Maske, A. N. Yerpude, Rupesh. S. Wandhare, **D. M. Parshuramkar**, N. R. Pawar, Luminescence, **June 14, 2025 (I. F. 3.2)**.
- Biosynthesized Silver Nanoparticles Catalyzed Aqueous-Phase Synthesis of Isoxazol-5(4H)-One Derivatives, Abhimanyu Pawar, Kishor Naktode, Arvind Mungole, **Dalesh Parshuramkar**, **Asian J. Research Chem.**, **October 2025**.
- Sustainable plant mediated synthesis of cobalt oxide nanoparticles using Uraria picta extract with enhanced biological activity, S. Sheikh, A. J. Mungole, A. P. Pawar, H. P. Kanfode, **Dalesh M. Parshuramkar**, **Scientific Reports (Nature)**, **December 03, 2025 (I. F. 3.9)**.
- Enhanced Anodes for Pollution-Free Intermediate Temperature Solid Oxide Fuel Cells, **D. M. Parshuramkar**, A. N. Yerpude, A. J. Mungole, A. P. Pawar, **Asian J. Research Chem.**, **February 2026**.

Patent Published:

- **Title of the invention:** A PROCESS FOR BIOSYNTHESIS OF CUO NANOPARTICLES FROM RIVINA HUMILIS PLANT EXTRACT, The Patent Office *Journal No. 25/2022* dated **24/06/2022 (Government of India)**.
- **Title of the invention:** A PROCESS FOR BIOSYNTHESIS OF ZNO

NANOPARTICLES FROM RIVINA HUMILIS PLANT EXTRACT, The Patent Office *Journal No. 33/2022* dated **19/08/2022 (Government of India)**.

- **Title of the invention:** A NOVEL $K_2Pb_8(PO_4)_6:Dy^{3+}, Eu^{3+}, Tb^{3+}$ PHOSPHOR FOR N-UV BASED W-LEDS, **International Patent No. 2023/10190, 2024 (Government of South Africa)**.

Guest Lectures/ Resource Person:

- **Guest Lecture** delivered on topic '**Quantum Mechanics**' at Rashtrapita Mahatma Gandhi Arts & Science College, Nagbhid, Distt. Chandrapur on dated **22nd January, 2015**.
- **Resource Person/ Judge** at Jawahar Navodaya Vidyalaya Talodhi, Distt. Chandrapur for evaluating the exhibits at **State Level Cluster Science Exhibition** on dated **7th July, 2023**.
- **Guest Lecture** delivered on topic '**Solid State Physics**' at J. M. Patel College, Bhandara, Distt. Bhandara on dated **17th September, 2024**.
- **Judge for the 'Research Poster Competition'** at **National Conference** organized by S. N. Mor College, Tumsar on dated **5th March, 2026**.

Orientation/ Refresher/ Short Term Course Attended:

Name of the Orientation/ Refresher/Short Term Course	Name of the Sponsoring Agency	Place and Date
UGC Sponsored Orientation Programme	UGC	HRDC, R. T. M. Nagpur University, Nagpur (M.S.) 28 th September to 25 th October, 2016
UGC Sponsored Refresher Course	UGC	HRDC, Pt. Ravishankar Shukla University, Raipur (C.G.) 24 th October to 13 th November, 2017
Sixty Hours Ph. D. Course Work Programme on Research Methodologies and Computer Applications	Gondwana University, Gadchiroli	Gondwana University, Gadchiroli, Distt Gadchiroli (MS) 24 th July to 2 nd August, 2018
Two Weeks Refresher Course in Physics	Ministry of HRDC	Ramanujan College, University of Delhi
Two Weeks FDP on MOOCS	Ministry of HRDC	Ramanujan College, University of Delhi

One Week FDP on Research Tools	Ministry of HRDC	Ramanujan College, University of Delhi
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Books Published With ISBN No.:

Title of Book	Name of the Publishing Agency	ISBN No. and Year of Publication
B. Sc. Sem-II (CBCS) (Text Book) Vector Analysis, Electrostatics, Magnetostatics & Electromagnetic Waves	Himalaya Publishing House Pvt. Limited, Mumbai (ISO 9001:2008 Certified)	ISBN: 978-93-5299-034-4 PSP 214 March 2018
B. Sc. Sem-I (CBCS) (Text Book) Mechanics, Relativity Gravitation, Oscillation & Properties of Matter	Himalaya Publishing House Pvt. Limited, Mumbai (ISO 9001:2008 Certified)	ISBN: 978-93-5299-329-1 PSP 218 September 2018
B. Sc. Sem-IV (CBCS) (Text Book) Waves, Acoustics, Laser & Optical Physics	Himalaya Publishing House Pvt. Limited, Mumbai (ISO 9001:2015 Certified)	ISBN: 978-93-5299-761-9 PSP 0225 March 2019
B. Sc. Sem-III (CBCS) (Text Book) Thermal Physics Radiation & Statistical Physics	Himalaya Publishing House Pvt. Limited, Mumbai (ISO 9001:2015 Certified)	ISBN: 978-93-5367-630-8 PSP 0058 July 2019
B. Sc. Sem-I (NEP – 2020) (Text Book) Physics Workshop Skills	Himalaya Publishing House Pvt. Limited, Mumbai (ISO 9001:2015 Certified)	ISBN: 978-93-6557-929-1 PSP 0230 2024
B. Sc. Sem-I (NEP – 2020) (Text Book) Mechanics	Himalaya Publishing House Pvt. Limited, Mumbai (ISO 9001:2015 Certified)	ISBN: 978-93-6557-423-4 PSP 0095 2025

B. Sc. Sem-II (NEP – 2020) (Text Book) Magnetostatics and Electromagnetic Waves	Himalaya Publishing House Pvt. Limited, Mumbai (ISO 9001:2015 Certified)	ISBN: 978-93-6557-312-1 PHS 0084 2025
B. Sc. Sem-IV (NEP – 2020) (Text Book) Waves, Acoustics & Optical Physics	Himalaya Publishing House Pvt. Limited, Mumbai (ISO 9001:2015 Certified)	ISBN: 978-93-7105-405-8 PSP 0252 2026
B. Sc. Sem-IV (NEP – 2020) Skill Enhancement Course: Renewable Energy and Energy Harvesting	Himalaya Publishing House Pvt. Limited, Mumbai (ISO 9001:2015 Certified)	ISBN: 978-93-7105-774-5 PSP 0253 2026
PRACTICAL MANUAL Semester-I	N.H. College, Bramhapuri	June 2022
PRACTICAL MANUAL Semester-III	N.H. College, Bramhapuri	July 2022
PRACTICAL MANUAL Semester-V	N.H. College, Bramhapuri	August 2022
PRACTICAL MANUAL Semester-I (NEP)	DNA Publishing House, Nagpur	ISBN: 978-81-97255-6-4 Sept. 2024

Major Examination related duties:

- Conducting Gondwana University Practical Examination as **Internal/ External Supervisor** for about 12 years in the total service for UG and PG level.
- Valuation/ Revaluation of Theory papers of Gondwana University Examination for about 11 years in the total service for UG and PG level.
- Paper Setting of Gondwana University Theory Examination for about 11 years in the total service for UG and PG level.
- Worked as an **External Supervisor** for Gondwana University Theory Examination Winter 2018 at Govindrao Warjurkar Arts and Commerce College, Nagbhid (**Center No. 315**).

General Information & Professional background:

Name : **Dalesh Maniram Parshuramkar**
Father's name : Maniram M. Parshuramkar
Date of Birth : 9th Oct 1985
Nationality : Indian
Cast and Category : Kohali (OBC)
Languages Known : English, Hindi and Marathi
Permanent Address : Mr. Dalesh Maniram Parshuramkar
At- Kohamara, Ta- Sadak Arjuni,
Distt- Gondia (M.S.)
PIN- 441807 (Maharashtra)
Current Designation : Assistant Professor
Department : Physics
Name of College : N. H. College, Bramhapuri
Distt- Chandrapur- 441206
Date of Appointment : 11th September 2013

I declare that all the given information is correct and true to the best of my knowledge.

Date: 17th March, 2026

Place: Bramhapuri

(Dalesh M. Parshuramkar)