

Dr. Aparna Madhukar Bhake

Head & Assistant Professor

Post Graduate Teaching Department of Physics

Gondwana University, Gadchiroli



Educational Qualification: M.Sc. Ph.D. Physics

Ph.D. 2017	Physics	R.T.M. Nagpur University, Nagpur
M.Sc. 1992	Physics [Solid State Physics, Digital Electronics and Material Science]	Institute of Science, Nagpur University, Nagpur

Teaching Experience:

<ul style="list-style-type: none">01 Year, 9 months [06/10/2023- till date]	Assistant professor	Gondwana University, Gadchiroli
<ul style="list-style-type: none">16 Years (20/7/2007 to 5/10/2023)	Assistant Professor U.G.C. approved	Priyadarshini College of Engg. [P.C.E.], Nagpur
<ul style="list-style-type: none">05 Years (2002-2006)	Lecturer [Ad-hoc]	P.I.E.T., G.H.R.C.E. and N.P.T.I., Nagpur

R & D Experience: Govt. of India Project

1993 - 1996	Research Associate	Department of Applied Physics, V.N.I.T. (Formerly V.R.C.E.), Nagpur	Govt. of India, M.H.R.D., New Delhi Sponsored Research Project of 8 Lacs with Fellowship
1996 - 2000	Scientific Assistant	Regional Sophisticated Instrumentation Centre (R.S.I.C.) Nagpur University, Nagpur	Project by DST, New Delhi, Govt. of India

Established Two New labs:

- 1) Ferroelectric crystal growth lab at V.N.I.T., Nagpur 1994
- 2) Applied Physics Lab at N.P.T.I., Nagpur 2003

<p>Research Papers Published - International Journals - 10, Citations:43</p> <ul style="list-style-type: none"> • Book Chapter - 01 [2020] • Book published- Single Author- 01 [2022] • Papers presented/published in Conferences - 30 • STTP/SDP/Workshops participated - 27 [offline] • Membership of Professional Bodies - 02
<p>Recognitions: ** Submitted SERB Research Project in women Power for 30 L as a PI, Feb 2024</p> <p>Submitted 2.4 L Research Project in Gondwana University, Gadchiroli</p>
<ul style="list-style-type: none"> • Project Supervisor /Ph.D. Supervisor • Adhyasen Kendra Pramukh – Yug Nayak Swami Vivekanand • T & P Coordinator of the department • Resource person • Convenor of various departmental programs • Fellowship of Govt. of India, V.N.I.T., (V.R.C.E), Nagpur • National Merit Scholarship: S.S.C. to M.Sc. • Best Paper Award in 2003 • Highest Students’ Feedback and 100% Results • Judge for the various events like science model competition, 2025 • Visited Six Countries in Europe like Italy, Switzerland, Slovakiya, Zec-Republic, Austria and Hungery, also Bhutan, Andaman & Nicobar etc. till date
<p>Other Academic/ Administrative contribution:</p>
<ul style="list-style-type: none"> • Head of the P.G.T.D. Physics, Gondwana University w.e.f. 21/4/2025 • First Year Head / Coordinator for a year (2020) and co-coordinator for 6 years (2014-2019) at P.C.E., Nagpur • Member: Board of studies, R.T.M. Nagpur University • Chief Supervisor for R.T.M.N.U. Exam Centre, Summer 2016 • Paper Setter, Moderator, Valuer for University Examinations • Instrumental in establishment and execution of ‘Knowledge Centre’ at P.I.E.T., Nagpur • Demonstrated novel experiments, beyond the scope of syllabus, in Applied Physics Laboratory • Convener / Organizer / coordinator / Member of various committees / events • Organized/ Participated in Curriculum development workshop • Participated in outreach program • Resource person in workshop/ Ph.D. coursework/ PM UShA workshop • Conducted Technical sessions in International Conference • Worked as an Academic coordinator in Dept of Applied Physics, P.C.E., Nagpur • Worked as a Convenor/Co- convenor in almost all academic, extra-curricular committees • Worked as president in ‘Aavhan 2023’, accommodation committee, Gondwana University, Gadchiroli • Worked as a convenor, Ladies Residence in faculty Gathering ‘Kaladarpan 2024, 2025’, Krida Mahostav, Chandrapur Feb. 2025 • Working as a Samanvayak, Yug Nayak Swami Vivekanand Adhysan Kendra, Gondwana University, Gadchiroli • Working as a Training and placement Coordinator
<p>Contact Number/ e-mail Address: 9130083781/ aparna.dhond@gmail.com</p>

