

L.A.D. & Smt. R.P. College for Women, Nagpur

FACULTY PROFILE



❖ Basic Information

- **Name:** Dr. Varsha Gaikwad
- **Designation:** Assistant Professor (CHB)
- **Department:** Mathematics
- **Area of Specialization:** Special & General Relativity

❖ Educational Qualifications: M.Sc., Ph.D. (Mathematics)

❖ Teaching Experience:

Total Teaching Experience: 20+ Years

❖ Research Experience

- Total Research Experience: 10 Years
- Areas of Research Interest: Relativity

❖ Research Publications

Research Papers in National/ International Journals

- Published a research Paper titled “Plane Symmetric Cosmological Model in Dimensions” in The Vidarbha Journal of Science, Vol.4,No.3-4, Pg. no. 26 to 30, 2009.
- Published a research Paper titled “Spherical symmetrical cosmological modals of higher diamation” in The Interdisciplinary Journal of Science, Vol.5,No.2-3, Pg. no.16 to 20, 2011.

❖ Orientation / Refresher Courses / FDPs Attended

- Participated in the Five Day International Faculty Induction Program on “AI in Research & Innovation” organised by L.A.D & Smt. R.P. College for Women, Nagpur in Collaboration with Yeshwantrao Chavan College of Engineering (YCCE) , from 18th to 22nd August 2025 .
- Successfully completed the “NEP 2020 Orientation and Sensitization Programme” under the Malaviya Mission Teacher Programme (MM-TTP) of University Grants Commission organised by UGC-Malaviya Mission Training Centre, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, from 1st May -15th May 2025.
- Organising Secretary of “Seven Days International Faculty Induction Program” on Data Science and Optimization Techniques organised by Dept. of Mathematics of Yeshwantrao Chavan College of Engineering (YCCE) in Association with Nagpur University Mathematics Teacher’s Association (NUMTA) during 27th January to 3rd February 2025.
- Participated in “ Three days MS-DEED Level 1 workshop at @ RTMNU Nagpur with Sindhu Mahavidyalaya Nagpur” on 17,18 & 19 November 2022
- Participated in “Two Day Mathematics Teachers’ Upgradation Program: The International Approach” organized by Department of Mathematics, RTM Nagpur University in association with Department of Mathematics, VMV Commerce, JMT Arts & JJP Science College, Wardhaman Nagar, Nagpur & Department of Mathematics, Hislop College, Nagpur on 4th & 9th March, 2022 at VMV College and Hislop College, Nagpur.
- Attended the “ Three Week Faculty Development Program ” organized by Saint Francis De Sales College, Nagpur from 1st December to 23rd December, 2020.
- Participated in Three Days FDP by AICTE for “Student Induction Programme” (5th July 2018 to 7th July 2018) at Guru Nanak Institute of Engineering & Technology, Dahegaon.
- 20. Participated in Two Day seminar on “General Relativity and Thermoelasticity” organized by Department of Mathematics Campus Nagpur, during 13th -14th February 2015.
- Participated in Workshop on “Curriculum Development ” of B. E. third and fourth
- Semester for subject Applied Mathematics III and VI organized by Department of
- Mathematics, S. B. Jain Institute of Technology, Management and Research Behind Asaram Bapu Ashram, Katol road, Nagpur during 11th June 2013.

- Participated in Workshop on “Curriculum Development” B. E. Third and fourth semester for subject Applied Mathematics III and IV organized by Department of mathematics , Anjuman College of Engineering & Technology, Nagpur during 27th December 2012.
- Participated in Workshop on “Curriculum Development ” of B. E. first semester for subject Applied Mathematics I organized by Department of mathematics , Guru Nanak of Engineering & Technology, DahegonKalmeshwar road, Nagpur during 27th August 2012.

❖ **Papers Presented in Conferences / Seminars**

- Presented a research paper entitled “Solution of Robertson walker model for five Dimensional Space-time” in an International Conference –organised by Shivaji sciencecollege Nagpur, India during December 28-31,2013
- Presented Two Research Papers titled “Conformally flat five dimensional spherically symmetric cosmological models” National Conference organised at Sindhu MahavidyalayaNagpur.January 28-29, 2012.
- Presented a Poster titled “ Killing Vectors for Spherically Symmetric five Dimensional space times” in National Conference At IUCAA Pune during December 11-14,2002

❖ **Membership of Professional Bodies**

- **ISTE** (Life membership of Indian Society for Technical Education New Delhi.)