

Name:

Dr. Megha Kishor Tote

Designation:

Assistant Professor

**Contact Details:**

Email id: mmd_fe@pvgcoet.ac.in

Educational Qualifications:

- Ph.D. (Mathematics) RTM Nagpur University, Nagpur, Dec 2019.
- M.B.A.(HR) RTM Nagpur University, Nagpur, July 2012
- B.Ed. (Mathematics) RTM Nagpur University, Nagpur, Oct 2010
- M.Sc.(Mathematics) RTM Nagpur University, Nagpur, July 2008
- B.Sc. (Mathematics) RTM Nagpur University, Nagpur, June 2006

Experience:

- Teaching: 10 Years
- Research: 5 Years

Research Interests:

- Relativity, Gravitational Theories, Cosmology
- Dark matter, Dark energy, Applied Mathematics.

Number of Publications:

International Journal:4

International Conference:2

National Conference:3

Number of FDPs / STTPs attended: 9

Number of Workshops attended: 6

Number of Conferences / Seminars attended: 07

Number of Webinar attended: 04

Number of Online certification Course done : 1

Details of Research papers published:

- “Study of Axially symmetric anisotropic massive string cosmological model in F (R, T) Theory of Gravity” in *International Journal of Recent Scientific Research (IJRSR)*, Vol - 14 Issue -12 PP – 4465-4469, ISSN - 0976 – 3031 DOI - 10.24327 on December 2023.
- “Bianchi Type – III Dark Energy model in scale Covariant theory of Gravitation” in *International Journal of Recent Scientific Research (IJRSR)*, Vol - 8 Issue -12 PP - 22165–22168, ISSN - 0976 – 3031 DOI - 10.24327 on December 2017.
- “Bianchi Type – V Wet dark fluid cosmological model in scalar tensor theory of Gravitation” in *International Journal of mathematical archive (IJMA)*, Vol - 9 Issue -1 PP - 1–9, ISSN - 2229 - 5046 on January 2018.
- “Kaluza – Klein Bulk viscous string cosmological model in Barber’s second self-creation theory of Gravitation” in *International Journal of mathematics Trends and Technology (IJMTT)*, Vol- 53 Issue -1 PP - 76–80, ISSN - 2231 – 5373 on January 2018.

Details of FDPs / STTPs attended in last 5 years:

- Participated in ‘One week National Level STTP on Latex’ organized by Department of E & Tc and R & D Cell –MESCOE, Pune and sponsored by Board of student development SPPU Pune held on 8th to 13th April, 2022.
- Participated in Three-Week Short Term Training Program (STTP) on "Emerging Trends in Science, Engineering and Research: A Multidisciplinary approach", held from 07/04/2025 to 25/04/2025.
- Participated in one week ‘International Faculty Development Program on AI Agents’ The Commissionerate of Collegiate Education (CCE), Government of Andhra Pradesh in Collaboration with ExcelR Edutech Pvt. Ltd from 12 th May to 16 th May 2025.
- Participated in ‘5 days National level Faculty Development Program on “Outcome based Education” organised by IOT Academy Coimbatore, Tamilnadu ,India T from 24 to 30 july 2025.
- Participated in ‘one week Faculty Development Program on “Outcome based Education Philosophy for Curriculum Design” organised by PVG's College of Engineering Technology & Management, Pune from 22 to 26 April 2025.

- Participated in 'one week Faculty Development Program on "RESEARCH METHODOLOGY,ETHICS AND PUBLICATION"' organised by PVG's College of Engineering Technology & Management, Pune from 16 to 20 June 2025.
- Participated in 'five days online Faculty Development Program on "lecture series on Next –Gen AI: From research to Real world Impact"' in Multi Domain Applications organised by Department of Information Technology , Dr. D.Y. Patil Institute of Technology, Pimpri, Pune from 30 August to 9 Sep 2025.

Major Portfolios Handled: (college level and department level)

- NBA Criteria-VIII Member
- Academic Co-Coordinator
- Autonomy Co- Coordinator
- NAAC Criteria –II Member
- Class teacher
- CCC coordinator
- Mentor

Role in University Bodies.....

- Paper Setter for BCA Applied Mathematics.
- External Examiner for B.Sc. (Com) Python Programming Language.
- Examiner for B.Sc. Mathematics Practical Maxima Software .