

Name of Faculty Dr. MAMTA THAKUR
 Designation Assistant Professor
 Nature of Job/Appointment Regular
 Date of Joining 24-06-2019
 E-mail mamtathakur_maths@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (Mathematics)	Doctor of Philosophy (Mathematics)
PG	M. Sc. (Applied Mathematics)	Distinction
UG	B.Ed. & B.Sc.	Distinction

Work Experience

Teaching	13Years
Research	04 years
Industry	--
Others	--
Area of Specialization	Fluid Mechanics, Educational Research.
Professional Memberships	<ol style="list-style-type: none"> 1. Membership of The e-Assessment Association 2. Membership of APTSMS 3. Membership of the International Association of Engineers (IAENG) no. 327122
Responsibilities held at Institution Level	Working as Assistant Professor in CBIT from 30-07-2015 to Present
Responsibilities held at Department Level	<ol style="list-style-type: none"> 1. Coordinator of Probability and statistics 2. Member CEG 3. Coordinator of the Ramanujan's Math Club
Research Guidance	--
Awards Received	--
Courses Handled at Under Graduate / Post Graduate Level.	<p>UG Mathematics1, Mathematics2, Applied Mathematics, Linear Algebra and Calculus, Differential equations and Transform Theory, Vector calculus and Differential Equations, Probability and Statistics</p> <p>PG Mathematical foundations for Data science.</p>
No. of Papers Published	National Journals –08 International Journals – 07 National Conference –01 International Conference – 06
Projects Carried out	--
Patents	--
Invited Speaker	--
No. of Chapter Published with details	--
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops/Other Trainings (Attended and/or	<ol style="list-style-type: none"> 1. The opportunities of Uncertainties: Flexibility and Adaptation needed in current climate, ISBN: 978-1-300-39582-9 Volume II (ICT and Engineering) published by LULU PUBLICATIONS 2021.

Organized).

2. Sustainable society: A new beginning, Lulu Publication January 2022 ISBN: 978-1-6781-9687-5.
3. A One Week Online refresher course on "Bharateeya chaitanyam", at CBIT, during 29 June – 05 July '2020.
4. A Two-day online FDP on Application of Mathematics in engineering organized by MGIT during, 03-04 July '2020.
5. A One Week Online Faculty Development Programme (FDP), on "Outcome Based Education (OBE) and NBA Accreditation. Process (UG)", during 28 May-01 June '2020.
7. Participated One-week FDP on Meeting the challenges of teacher in modern engineering education organized by ITC, CBIT during 12-17 June 2017.
8. NPTEL's Online Blended Workshop on "Transition to Online facilitation organized by IIT Madras from 06th June 2020 - 03 July 2020
9. Participated in one day workshop by EEE Dept. at CBIT on significance of MathLab Applications of Emerging Technologies on 26 June 2019.
10. Participated in one-day National Level Workshop at CBIT on "Applications of Mathematics in Space Sciences" on 30 Nov '2018.
11. Attended a two-day National Level workshop organized by IIT, Varanasi at CBIT on "Python", during 28-29 Sept '2018.
12. Attended a two-day National Level workshop at CBIT on "Interface of Statistical Analysis using R", during 9-10 Feb '2018.
13. Attended Three Days Workshop Conducted by Dept. Of Mathematics & Statistics, Osmania University College for women, on "Probability and Analysis for college Teachers", During 22 – 24 Feb 2017
14. Attended one-day seminar on "Teacher as Performer" organized by Dept. of Mathematics & Humanities in ELT@1, MGIT on 21st Dec '2018

International/National Journals from the Year 2013

1. Dr. Mamta Thakur (2021), "Difficulties of online education", JHUST, volume 50 issue 6 2021
2. Dr. Mamta Thakur (2020), "Role of Teamwork in Improving the Affective Abilities of Engineering Mathematics Students", International Journal of Innovations in Engineering & Technology (IJIET) Journal, Volume 16 Issue 1.
3. Dr. Mamta Thakur and Dr. M. Venkata Krishna (2017), "Unsteady Magnetohydrodynamic Free Convective Radiating Viscous Dissipative Fluid Flow along a Semi Infinite Vertical Porous Plate with Heat Source", International Journal of Mathematical Archive-8(9), 2017, PP 196-210

International/National Conference Proceedings in the Year 2020

1. Dr. Mamta Thakur (2020), "Role of Teamwork in Improving the Affective Abilities of Engineering Mathematics Students – Study by Action Research", ESN International Conference on Multidisciplinary Research, ICMR-2020, Kandy, Sri Lanka
2. Dr. Mamta Thakur (2019), Participated in 4th international Vedic mathematics conference conducted by Institute of Advancement of Vedic Mathematics held at CBIT
3. Dr. Mamta Thakur (2019) "The Effects of Soret and Dufour on an Unsteady MHD Free Convection Flow Past an Infinite Vertical Plate with Thermal Radiation and Heat Source", National conference on Recent Advances and applications in Mathematics - NCRAAM - conducted by Department of Mathematics, O.U.
4. Dr. Mamta Thakur (2018), "Thermal Radiation Effect on an Unsteady MHS Mixed Convective Viscous Dissipative Fluid Flow Past a Moving Accelerated Vertical Porous Plate", International Conference on Computational Fluid Flow and Heat Transfer (CFFHT)
5. Dr. Mamta Thakur (2017), "Unsteady Magnetohydrodynamic Free Convective Radiating Viscous Dissipative Fluid Flow along a Semi Infinite Vertical Porous Plate with Heat Source", International conference on recent engineering and technology, conducted by Matrusri Engineering College, Hyd
6. Dr. Mamta Thakur (2017), "Recent Advances of Mathematical Techniques in science and engineering", National conference conducted by department of mathematics, Osmania university.