

Name of Faculty
Designation
Nature of Job/Appointment
Date of Joining
E-mail

Dr. M. Rama Devi
Assistant Professor
Regular
30- 7 -2015
mramadevi_chm@cbit.ac.in



Education Qualifications

Ph. D
PG
UG

Name of the Degree
Doctor of Philosophy
M.Sc (Chemistry)
B. Sc (Maths, Physics, Chemistry)

Class
Awarded
Second
First

Work Experience

Teaching
Research
Industry
Others

9 Years
7 Years

Area of Specialization

Materials Chemistry & Nano materials

Professional Memberships

Responsibilities held at Institution Level

1. NAAC - coordinator in the department of Chemistry from Jan 6th 2017.
2. Mentor in an induction program for B.E & B. Tech first year students in CBIT from 2017 to 2022
3. A member in Shruthi annual day celebrations in CBIT from 2015 to 2022
4. Anti- Ragging Squad .
5. Squad to maintain discipline in the campus

Responsibilities held at Department Level

Recipient of 3 years Senior Research Fellowship under CSIR, New Delhi, GOI from 2010-13.

Awards received

Research Guidance

Courses Handled at Under Graduate / Post Graduate Level.

Engineering Chemistry, Inorganic Chemistry and Applied Chemistry, Chemistry.

No. of Papers Published

National Journals – 1 International Journals – 14
National Conference - International Conference –

**Projects Carried out
Patents**

Technology Transfer

Invited Speaker (Few Important/Prominent)

No. of Books/Chapter Published with details

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (Attended /or Organized).

- 1) Successfully completed NPTEL-AICTE FDP on the course, “Outcome Based Pedagogic principles for Effective teaching in the Feb-Mar 2022.
- 2) Participated in the National One Week Faculty Development Programme on Carbon Capture & Storage organized by the Department of Chemistry, Central University of Tamil Nadu, and Thiruvavur, India from 21st to 25th February 2022
- 3) Successfully participated in FDP on “ Innovative Practices in Chemical Sciences” Organized by Department of Chemistry , A.V College of Arts, Science and Commerce, Gaganmahal, Hyderabad from 23-28 September 2021.
- 4) attended a seminar on “Scope for Interdisciplinary Research” held on 06 May 2022 organized by Research & Development Centre and Department of Information Technology, Chaitanya Bharathi Institute of Technology (A), Hyderabad - 500 0075, Telangana.
- 5) Organized one week online Faculty Development Programme on Recent Trends in Advanced Materials Science and Engineering Technology held during 8th - 12th March, 2021, Department of Chemistry, CBIT.
- 6) Successfully completed AICTE-NITTT –SWAYAM 8 weeks FDP MOOC on Module1- Orientation Towards Technical Education and Curriculum Aspects dated 23-3-2021.
- 7) Successfully completed AICTE-NITTT–SWAYAM 8 weeks FDP MOOC on Module2- Professional Ethics & Sustainability dated 23-3-2021.

- 8) Successfully completed AICTE-NITTT –SWAYAM 8 weeks FDP MOOC on Module 6- Student Assessment and Evaluation dated 23-3-2021
- 9) Participated & Completed Successfully AICTE Training & Learning (ATAL) Academy Online FDP on " Molecular Manufacturing" at Chaitanya Bharathi Institute of Technology, Hyderabad, during 19/10/2020 to 23/10/2020.
- 10) Attended international Conference on “ The Pivotal Role of Chemistry?Chemical Engineering in present scenario,2020 on 20th-22nd July 2020 organised by VNR VignanaJyothi Institute of Engineering & Technology, Hyderabad.
- 11) Successfully completed Five Weeks online Coursera Course on “Advanced Chemistry” (May 12th 2020, from University of Kentucky, USA.
- 12) Successfully completed Four Weeks Coursera Course, “Introduction to Molecular Spectroscopy” June 5th 2020 from The University of Manchester, United Kingdom.
- 13) Attended One Week online FDP on Materials: Recent Trends & Engineering Applications from 2nd to 7th June 2020conducted by the Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad.
- 14) Successfully completed One-Week Online Faculty Development Program (FDP) on "Outcome Based Education & NBA Accreditation" from 28/5/2020 to 1/6/2020, organized by CBIT, HYD.
- 15) Successfully completed two weeks MOOC course entitled: Digital Transformation in Teaching-Learning Process (Digital Pedagogy Training program, held from Feb.14th 2020 to March 06th 2020, conducted by National Project Implementation Unit (NPIU) on SWAYAM, offered by IIT-Bombay.
- 16) Successfully completed one day workshop on "Effective and Efficient Online Teaching in the Age of Corona: A Hands- On Workshop" on Saturday, 17th May 2020, IIT Bombay.
- 17) Successfully participated Workshop program on Social Responsibility and Community Engagement held on 17th June 2020 conducted by CBIT, HYD.
- 18) Attended one day National Seminar on “Intellectual Property Rights In Academic Research” on 15th February 2020.
- 19) Attended 10 days Training Progame on “Soil Health Management Techniques In Rice & Rice Based Cropping Systems” organized by DRR, Rajendranagar, Hyderabad on 19th- 28th August, 2014
- 20) Attended A Two-Day National Level Workahop on “ The Role Of Chemistry In Modern Healthcare” on 3rd & 4th july,2020 , conducted by Mahatma Gandhi institute of Technology, Hyderabad.
- 21) Attended FDP on “ Recent developments in energy efficient semiconductor based materials and their applications” organized by department of chemistry, MRIET, hyderabadon 26th October 2022.
- 22) ‘Fundamentals and Advances of Magnetic Materials (FAMM-2024)’ from organized by the Department of Physics, Chaitanya Bharathi Institute of Technology, Hyderabad, from May 20-24,2024.
- 23) Current Science and Developments in nano technology organized by Department of Biotechnology, Chaitanya Bharathi Institute of Technology, Hyderabad, India from 29th January 2024 to 2nd February 2024.

Details of Journal Publications/ Conferences (National and International) from the year 2017
International / National Conferences from the year 2017

- 1) Presented a paper on “A Mild and Efficient One-Pot Synthesis & Computational Study of Diazonaphthoquinone Sulfonic Esters” in International conference on ‘Academic Research in Developing Countries’ organized by UG, PG & research department of chemistry, Nagarjuna Government College (A), Nalgonda, Telangana, India during 29th-30th August 2022.
- 2) Rama Devi V, A new RP-HPLC analytical method Development and validation for Dexbrompheniramine and Pseudoephedrine, International Journal of Chemical and Pharmaceutical Sciences, PP:1-8, Vol 13(3), Sep 2022
- 3) Rama Devi V, Synthesis of titanates for photomineralization of industrial wastewater and organic pollutants, Environmental Science: Water Research & Technology journal, 2022, 8, 3065-3078.
- 4) Presented a paper on “Synthesis of Bulk and Nano sized NASICON type NbTiP₃O₁₂ at Low temperature using Sol-Gel Technique”, International conference on Advances in Science, Engineering and technology Organised by KSRM college of Engineering, Kadapa, Andhra Pradesh, held during 21st to 22nd May, 2021.

- 5) Iodoxybenzoic Acid (IBX) in Organic Synthesis: A Septennial Review.
R Varala, V Seema, MM Alam, N Dubasi, RD Vummadi - Current Organic Synthesis, 2023
6. Platycladus Orientalis mediated green synthesis of crystalline palladium nanoparticles as a potential and promising nano catalyst in the degradation of dyes for mitigation of environmental pollution