

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 – 13
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 2020 conducted 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 Programme on “Soil Health Management Techniques In Rice & Rice Based Cropping Systems” organized by DRR, Rajendranagar, Hyderabad on 9th- 28th August, 2014
- 20) Attended A Two-Day National Level Workshop 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, Hyderabad on 26th October 2022.

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.