

# Dr. P. Uma Reddy

## Assistant Professor



Education Qualifications: M.Sc, M.Phil, Ph. D.  
Specialization: Chemistry

### ADDRESS:

- A – Block -Room No. A212

### JNTUH ID:

3054-150408120550

### EMAIL:

pumareddy\_chem @mgit.ac.in

### DATE OF JOINING:

08-08-2011

### EXPERIENCE - 20 Years

- Teaching – 20
- Honours/Awards - 1

### SUMMARY:

- Publications - 4

### EVENTS:

- Organized - 3
- Attended - 48

### LET'S MEET ON SOCIAL:

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### Membership of Professional Bodies:

1. Life Member of Indian Science Congress ISTE-LM 128781
2. Life Member - Indian Red Cross Society

### Responsibilities Held at Institution Level:

1. Coordinator – LOCF -learning outcomes-based curriculum framework for undergraduate education
2. Convener - Internal Complaint Committee
3. Member – Women's cell

### Responsibilities Held at Department Level:

1. Proposed course structure and syllabi for I & II semesters of I B.Tech Program.
2. Departmental Library – Incharge

### Courses Handled at Under Graduate /Post Graduate Level:

- UG
  1. Chemistry (Theory and Lab)
  2. Environmental Science

### Honours/Awards

1. Senior Research Fellow, SAP, O.U, Hyderabad

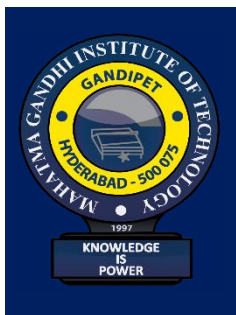
### Publications

1. Dr. P. Uma Reddy Antifeedent and antimalarial activity of T. Indica African Journal of Biochemistry Vol. 3, 2009.
2. Dr. P. Uma Reddy Shootbud induction in vitro plantlet regeneration and essential oil profiles of Glossocordia bosvolia Roxb Plant Cell Biotechnology and Molecular Biology, Vol 2, 2002.
3. Dr. P. Uma Reddy A note on fatty acid profiles of seed oil and isolation of an antimalarial alkaloid from Leonitis Nepetaefolia Advances in Plant sciences, Vol 14, 2001.
4. Dr. P. Uma Reddy Spectrophotometric determination of microamounts of copper (II) using Resacetophenone Asian Journal of Chemistry, vol.6, 1994.

### Events Organized:

#### Conferences:

1. Organized the DST sponsored national conference on “Sustainability through chemical and biological sciences- NCSCB-2015” as an organizing committee member held on 19th and 20th March, 2015 at MGIT. (Role - Organizing Committee member).
2. Organized a Two-Day National Conference “PHYSICOCHEMIA” on 8th and 9th March 2013 (Role - Organizing Committee member).
3. Organized a One-day National Conference on “Innovation and Technology for sustainable development” on 12th April 2012 at MGIT

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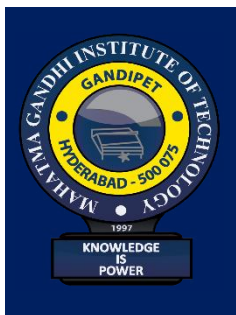
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**Events Attended:****Conferences**

1. International Conference on “Rediscovering Management of Business post Covid-19” on 8th and 9th August 2020 organized by CMS, Jain University.
2. Attended the Two-day National conference on 'Role of Chemistry in Advanced Engineering Materials (RCAEM-2013) organized by the department of Chemistry, Vasavi college of Engineering, Hyderabad from 26-27 July 2013.
3. Attended International conference on “Climate Change” at Engineering Staff college of India, Hyderabad from 12 – 14 October, 2011.

**FDPs/ STTPs**

1. Participated in the five-day online FDP on "Innovative practices in Chemical Sciences" from 23/09/21 - 28/09/21 organized by A.V college, Hyderabad.
2. Participated in the Two Day online National Level FDP on "Modern Chemistry and It's Applications" from 24/09/21 - 25/09/21 organized by Malla Reddy Institute of Engineering and Technology, Hyderabad.
3. Participated in the One-week online FDP on "Applied Chemistry to Design Smart Materials for Device Applications" from 20/09/21 - 24/09/21 organized by Geethanjali College of Engineering and Technology, Hyderabad.
4. TEQIP – III Sponsored One Week Short Term Course on “Chemistry for Engineering Applications” from 14th to 18th September 2020 organized by Dept. of Chemistry, Dr. B.R. ambedkar National Institute of Technology Jalandar.
5. Attended One week FDP On “Outcome based education and Accreditation” from 5th – 9th October 2020, organized by ISTE Telangana chapter in association with JNTUH engineering college Jagtial, MGIT.
6. 5 day FDP on “AICTE Incorporating Universal Human Values in Education” from 21st to 25th September 2020 organized by AICTE.
7. Participated in the Five day Online FDP on "Applied Chemistry; A Catalyst for Scientific Transformations" from 23.08.2021 - 28.08.2021 organized by Department of Chemistry, Shree Guru Gobind Singh Tricentenary University, Gurugram.
8. AICTE sponsored online short-term training program on “Nanomaterials for clean energy and environmental application” from 16/11/2020 – 21/11/2020 organized by Dr. Mahalingam college of engineering and technology
9. One week FDP on “Nanotechnology for Green Processes and Sustainable Development” from 24th to 28th August 2020 organized by Dept. Of Chemical Engineering Visvesvaraya National Institute of Technology.
10. 5 day e-FDP on “The Role of Materials Science in Engineering: Applications Perspective” from 3rd to 7th August 2020 organized by Dept. Of P&C, MGIT.
11. Participated in Two day online FDP on “Managing Sustainability in Turbulent Times” on 29th and 30th July 2020 organized by Dept. of Mathematics & Humanities, MGIT
12. Participated in One week online Faculty Development Program on “Emerging Trends in Sciences – Usage of Research Tools and Techniques” from 15th to 20th June 2020 organised by Department of Freshman Engineering Vardhaman College of Engineering
13. Participated International Virtual FDP on “Innovative Techniques for Effective Teaching Online and Offline” on 12th and 13th June 2020 conducted by Faculty of English, MGIT
14. Participated in One week online Faculty Development Program Conducted by CMR Engineering College on “LaTeX” from 1st to 6th June 2020.

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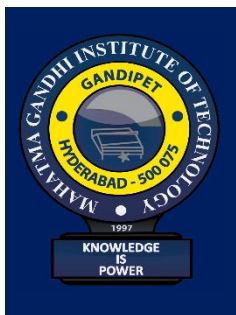
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15. Attended a One day Faculty Development Programme on “Enviro chemistry in day to life” on 16 th july 2016 at VJIT, Hyderabad.
16. Two week program on FDP in “Entrepreneurship” from 22-04-2013 to 04-05-2013 (TwoWeeks)) organized by EDC, MGIT funded by AICTE.
17. One week ISTE FDP on “Teaching, Learning & Research in engineering Technology” from 30-7-2012 to 3-8-2012 organized by ISTE Chapter, MGIT & IIPC-MGIT funded by AICTE.

**Refresher Courses/ Workshops/ Webinars/ Seminars/ Guest Lecture:**

1. Attended Refresher Course at Academic Staff College, JNTU, Hyderabad from 08-06-2015 to 27-06-2015(3weeks).
2. Attended Orientation Course at Academic Staff College, O.U, Hyderabad from 02-06-2014 to 30-06-2014 (4weeks).
3. Attended Refresher Course at Academic Staff College, JNTU, Hyderabad from 08-06-2015 to 27-06-2015(3weeks).
4. Attended Orientation Course at Academic Staff College, O.U, Hyderabad from 02-06-2014 to 30-06-2014 (4weeks).
5. Participated in the Two week Online Workshop on "Thin Film and Nanomaterials (IWTN - 2021) from 09.08.2021 - 20.08.2021 organized by Department of Physics, Sathyabama Institute of Technology, Chennai in Association with TNSCST.
6. Participated in the One day Workshop on Recent Developments in Drug Design on 08-07-2021, Dept. of Chemistry, A.V. College of Arts, Science and Commerce, Domalguda, Hyderabad.
7. “Swachhata Action Plan (SAP)-The Role of Higher Educational Institutions” from 8th – 10th October 2020 organized by NSS and UBA-Cell MGIT.
8. Participated in One week National Level Online Work Shop on “Yoga - A Science of Breath and Meditation for Subtle Energy Channeling” from 6th to 10th July 2020.
9. Participated in Online Workshop on “Social Responsibility and Community Engagement “conducted on 17-06-2020 by CBIT
10. Two day workshop on “Metallurgy for Non-Metallurgists” from 29-30 January 2015 at MGIT.
11. A Two day workshop on ‘Socio effectiveness of women’ –WOW FACTOR organized by Ashna Womens Welfare cell ( AWWC), MGIT from 8-10 March 2014.
12. Faculty workshop on “Jeevan Vidya” organized by CBIT from 11-06-2012 to 12-06-2012.
13. Work shop on “Current trends in Nanoscience and Technology” Dept. of Chemistry, NIT Warangal from 23-12-2011 to 24-12-2011.
14. National Webinar on Organic Farming organized by Dept. Chemistry, A.V College, Hyderabad on 14th June 2021.
15. Two-day International Webinar on Empowering Women: A Paradigm Shift in NEP 2020 on 8th and 9th January 2021.
16. One Week International Webinar On Relevance of Mathematics to Core engineering Sciences from 12th – 16th October 2020 organized by MGIT.
17. Webinar on “Organic chemistry: How much should we mug up” on 14th October 2020 organized by Dept of Chemistry, St. Joseph’s College, Devagiri, Calicut.
18. Participated in three day International webinar on “Pivotal role of Chemistry/Chemical Engineering in Present Scenario-2020” from 20th to 22th July 2020 organized by Dept. of Humanities and Sciences, VNRVJIET.

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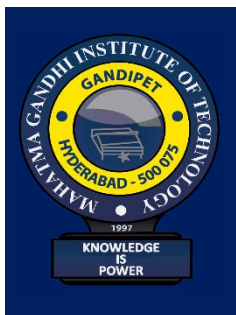
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19. Participated in webinar on "Outcome Based Education Software" organized on 16-07-2020 by vmedulife software services.
20. Participated in Two day International Webinar on "Role of Nano technology in Health Management" on 10th and 11th July 2020 organized by Department of Chemistry St. Ann's College for women, Hyderabad.
21. Participated in International webinar on "The Journey of Supramolecular Chemistry from an Accidental Discovery to Advanced Materials" on 09-07-2020 organized by Dept. of Science and Humanities at RMK College of Engineering and Technology.
22. Webinar on National Education Policy (NEP) on 26-09-2020 organized by Unnat Bharath Abhigyan – MGIT.
23. International Webinar on "Innovative Data Analytic Tools for Chemical and Life Sciences Research" on 20-09-2020 organized by Jharkhand Chemical Society, Ranchi.
24. International Webinar Series on Advanced Topics in Chemistry on 9th September 2020 organized by Dept. of Chemistry, St. Joseph's College (Autonomous) Devagiri, Calicut.
25. Participated in Short Course on "Learn to Design your own Solar Home System" conducted on 25-06-2022 by Energy Literacy Drive of the Energy Swaraj Foundation in association with MGIT
26. Participated in Webinar on "Vehicle evaluation with safety and emission aspect" on 07-06-2020 organized by Marathwada Mitra Mandal's Polytechnic.
27. One day seminar on 'Chemistry in emerging Technology' organized by Department of chemistry, VJIT, Hyderabad on 10th September 2012.
28. State Level Two day seminar, "Role of Chemistry in Modern life" at Dept. of Chemistry, A.V. College of Arts, Science & Commerce on 28th and 29th June 2012.

**Online Certifications:**

1. Completed Coursera course on "COVID – 19 Contact Tracing" on 11-09-2020.
2. Completed 12 weeks NPTEL online certification course on "Solid Waste Management". Sept-Dec 2020 organized by Indian Institute of Technology.
3. Completed Coursera course on "Natural Attenuation of Ground Water Contaminants" on 17-08-2020.
4. Completed Coursera course on "Introduction to Environmental Law and Policy" on 10-08-2020.
5. Completed Coursera course on "Introduction to Chemistry: Structures and Solutions" on 30-07-2020.
6. Completed Coursera course on "Driving business towards the Sustainable Development Goals" on 27-07-2020.
7. Completed Coursera course on "Municipal Solid Waste Management in Developing Countries" on 23-07-2020.
8. Completed Coursera course on "Research Design: Inquiry and Discovery" on 19-07-2020.
9. Completed Coursera course on "Material Behavior" on 13-07-2020.
10. Completed Coursera course on "Sustainable Development goals" on 22-05-2020.
11. Completed Coursera course on "Introduction to Molecular Spectroscopy" on 19-05-2020.



12. Completed 12 weeks NPTEL online certification course on "Coordination Chemistry". July-Oct 2019 organized by Indian Institute of Technology.
13. Completed National Level FDP program on SciLab- Computational Software 8th-13th June, 2020 organized By Govt. Degree College for women, Begumpet in collaboration with IIT Bombay.

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