

Dr. Deepali Mahajan

Designation: Assistant Professor

Subject: Chemistry

Area of Specialization: Organic Chemistry

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Summary

Ph. D degree in Organic Chemistry: Development of heterocycles of biological significance from synthetic chromones and some natural products

Research Publications: Four in International Journals

Book Publications: Three books published

Workshops, seminars, symposia and conferences attended: 31

University Gold Medal, for securing 1st Position in B.Sc.

Awards and Achievements

1. University Gold Medal, for securing 1st Position in M.Sc. Chemistry in Jammu University in 11th convocation of the university, by H.E., The President of India, Dr. A.P.J. Abdul Kalam.
2. University Gold Medal, for securing 1st Position in B.Sc.
3. Dr. S. Radha Krishnan Gold Medal, for Best Graduate of University of Jammu.
4. Yashorajya Laxmi Gold Medal, for Best Women Graduate of University of Jammu.
5. Qualified NET (CSIR-UGC 30-12-2001, 23-06-2002).
6. Qualified SLET – 2002
7. Qualified GATE – 2003.
8. Profile published in Directory of Women Scientists of J&K released during 2nd J&K Women's Science Congress held at GCW Parade Ground, Jammu.

9. Profile published in Directory of Contemporary Women Scientists, Technologists, Engineers & Mathematicians (STEM) of J&K released during 4th J&K Women's Science Congress held at GCW Gandhi Nagar, Jammu.
10. LIFE MEMBER of Chemical Research Society of India; LM773.
11. Member of Indian Science Congress Association 2013-2014.

Workshops, seminars, symposia and conferences attended: 31

1. Poster presentation in the National Symposium on New Challenges in Chemistry organized by the Department of Chemistry, Guru Nanak Dev University, Amritsar, from March 20-2, 2006.
2. Oral presentations in 3rd J&K State Science Congress 2008 held at University of Jammu on Feb. 26-28, 2008.
3. Participated in ISCAS National Symposium on New Trends in Materials Research held at ISCAS Institute of Solid state and Material Science, Jammu University Campus, Jammu 180006, during 18th to 20th November 2010.
4. Oral presentations in UGC sponsored National Conference on Green Chemistry "Newer Challenges and sustainable Development" December 3rd -4th, 2010.
5. Participated in five days training workshop on Science communication through folk media held w.e.f 29th Jan – 2nd Feb. 2011 at G. G. M Science College, Jammu.
6. Poster presentation at North Zone Meeting, 2011 of Chemical Research Society of India, held at Dept of Chemistry, University of Jammu, Jammu; September 22-24, 2011.
7. Poster presentation in the 7th JK Science Congress organized by University of Jammu in collaboration with J&K State Council for Science and Technology October 13-15, 2011.
8. Participated in INTERNATIONAL CONFERENCE ON SUSTAINABLE DEVELOPMENT (ICSD-2011) 01 – 03 December 2011 organized by Department of Chemistry & Centre of Advanced Studies in Chemistry, Panjab University, Chandigarh.
9. Participated in four days training workshop on Innovative Activities With No Cost Low Cost Science Teaching Aida held at Govt. Women College, Parade, Jammu, w.e.f. 22-25th December 2012.

10. Participated in ONE DAY CONFERENCE on “GREEN EARTH” 11TH Feb. 2012 Under the Auspices of The Indian Science Congress Association (ISCA) (Jammu Chapter) at GOVT. COLLEGE FOR WOMEN PARADE GROUND, JAMMU.
11. Presented a paper in the UGC Sponsored International Conference on Global Warming: The Biggest Challenge of 21st century; Feb. 24-26 2012 held at Govt. Degree College (Boys) Udhampur.
12. Participated in Science Awareness Mela w. e. f. 31st Jan to 2nd Feb., 2012; a mega event of NCSTC (Deptt. Of Science & Technology Govt. of India) jointly organized by G. G. M Science College Canal Road, Jammu and JAMMU & KASHMIR STUDENTS WELFARE SOCIETY, ANANTNAG.
13. Presented a paper in the UGC Sponsored National Symposium on Interdisciplinary Science held at G.G.M Science College Jammu during 2nd -3rd March 2012.
14. Participated in the National Workshop on Nanoscience and Materials Characterization (sponsored by DST, Govt. of India, new delhi and DRDO, New Delhi) held at ISCAS, Jammu University during June 9-15, 2012.
15. Attended a one day workshop of all the colleges affiliated to University of Jammu on “Role of NAAC Accreditation as a bench mark of Quality Assurance and Sustainability” on 28th July, 2012 at Bhargava Degree College, Samba.
16. Poster presentation in National Symposium on Frontier areas in Solid state and Materials Sciences held at ISCAS Institute of Solid state and Material Science, Jammu University Campus, Jammu 180006, during 16th to 19th October 2013.
17. Oral presentation in 2nd J&K WOMEN’S SCIENCE CONGRESS on EMPOWERING WOMEN THROUGH SCIENCE AND TECHNOLOGY sponsored by Dept. of science and technology, Govt. of India, J&K state council for science and technology, J&K at Govt. College for Women, Parade Ground , Jammu during 5th to 7th Nov. 2013.
18. Poster presentation in the 101st *Indian Science congress* held at university of Jammu, Jammu from February 3 to 7, 2014.
19. Participated in North Zone Workshop on Fostering Scientific Temperament And Explaining Natural Phenomenon so- called Miracles Through Inquiry Base Method w.e.f 28 April to 1st May, 2014 at Govt. College Prade, Jammu (J&K).

20. Participated in National Workshop on E-content Development and Management held at Govt. College for Women Gandhi Nagar, Jammu on 23rd and 24th of July, 2015.
21. Presented a paper in CHEMCON-2015, held on 11th-12th February 2015 at the Department of Applied Chemistry, SBSPGI, Balawala Dehradun-248161.
22. Presented a poster in a two day National Symposium on Interdisciplinary Sciences held on February 27-28, 2015 organised by Government Gandhi Memorial Science College Jammu (J&K).
23. Presented a poster in 10th JK Science Congress on Science and Technology for Inclusive Development: A way forward held at University of Jammu from 14th to 16th March, 2015.
24. Presented a poster in the National Seminar on Science and Technology for Human Development held at University of Jammu in collaboration with Indian Science Congress Association, Kolkata from 25th -27th March, 2015.
25. Presented a poster in National Symposium on perspectives on research in science and health care organized by Sardar Bhagwan Singh PG institute of biomedical science & research balawala, Dehradun on Jan 29, 2016.
26. Participated in Hands on Training in the discipline of chemistry organized by Sardar Bhagwan Singh PG institute of biomedical science & research balawala, Dehradun on Jan 30, 2016.
27. Oral presentation in 4th J&K women Science Congress held at G.C.W Gandhi Nagar from 1st to 3rd September, 2016.
28. Presented a paper in 11th national Conference on Advances in Chemical Sciences and Thermodynamics at University of Jammu from December 02 – 03, 2016.
29. Presented a paper in National conference on recent advances in science and technology organized by Uttaranchal College of applied & life sciences Uttaranchal University, Dehraadun on 27th – 28th Feb 2017.
30. Presented a paper in the 12th JK science congress at University of Jammu from March 02-04 2017.
31. Presented a paper in National conference on interdisciplinary sciences and humanities at Govt. post graduate college Rajouri on March 15-16, 2017.

Research Publications: Four in International Journals

1. Tetrahedron Letters, 2006, 47, 7919. ISSN 0040-4039.
2. Australian Journal of Chemistry, 2008, 61, 159. ISSN 0004-9425
3. Journal of Heterocyclic Chem., 2011, 48, 144. ISSN 1943-5193.
4. Der Pharma Chemica, 2015, 7, 5, 94-100. ISSN 0975-413X.

Book Publications: Three books published

1. Organic chemistry for B.Sc. Semester-III 2015, Malhotra Brothers Educational Publishers ISBN 818829415-2.
2. Helpline Series text Book of Chemistry 2017, Malhotra Brothers Educational Publishers ISBN 818829464-0.
3. A new concept of Practical Chemistry B.Sc. Chemistry Semester VI 2017, Narendera Publishing House. ISBN 978-93-83371-67-9.
4. Revised Edition : Organic chemistry for B.Sc. Semester-III 2016, Malhotra Brothers Educational Publishers ISBN 818829415-2.

Academic Qualifications

Examination passed	Board/ University	Subjects	Year	Division/Grade/ Merit
SSC	JKBOSE	Eng, Maths, Hindi, Science, S.Sc	1993	One
H.Sc	JKBOSE	Med	1995	Distinction
B.Sc	JU	Med	1999	Ist position Distinction
M.Sc	JU	Chemistry	2001	Ist position Distinction
NET/ SLET	CSIR-UGC/ JU	Chemistry	2001, 2002	
Other				

Research Experience

Research Stage	Title of work/ Thesis	University where the work was carried out	Year
Ph.D	Development of heterocycles of biological significance from synthetic chromones and some natural products	University of Jammu	2005-2009

Teaching Experience

Courses Taught	Name of the University/ College/Institution	Duration
U.G	G.G.M Science College	09 years
P.G	University of Jammu	01 year
Any other	Model Institute of Engineering And Technology	02 years