

Faculty Name

Designation : Assistant Professor

Subject : Chemistry

Area of Specialization : Physical Chemistry

College : Govt PG College for Women Gandhi Nagar Jammu

Email : maltirajput83@gmail.com

Phone: 9419233936

Date of Appointment: 30-04-2010



Workshops, Seminars, Symposia and Conferences attended

- 20 days Youth Cultural workshop in Jammu and Kashmir w.e.f. 20-09-2017 to 09-10-2017 organised by Ministry of Culture Govt. of India
- Three Day National workshop on Research Methodology w.e.f. 30th Jan. to 1st Feb. 2018 organised by GCW Parade.
- 6th J and K women science congress w.e.f. 26th to 28th February 2019 organised by Govt PG College for Women Gandhi Nagar in collaboration with J&K DST.
- International conference on Covid-19: Roadmap to future environment on 5th June, 2020 organised by St. John's College Agra.
- One week FDP on open source tools for research w.e.f. 8th to 14th June, 2020 organised by TLC Ramanujan College University of Delhi
- One week FDP on Entrepreneurship, Incubation and Innovation w.e.f. 23rd to 29th June, 2020 organised by TLC Ramanujan College University of Delhi
- Two Day International conference on recent advances in chemical sciences w.e.f. 10th to 11th January 2022 organised by GCW Parade in collaboration with Cape Comorin Trust.
- Two days workshop on upstream and downstream processing techniques in fermentation w.e.f. 28th -29th March 2022 organized by CSIR IIIM Jammu
- ICEBAA-2022, 21st to 22nd April 2022, Periyar University, Salem Tamil Nadu
- One week FDP on Research Methodology, 2nd to 7th May, 2022, Kamla Nehru Mahavidyalaya, Nagpur
- One week faculty development Programme on ICT tools for Effective Teaching and learning, 23rd to 28th May 2022, Kamla Nehru Mahavidyalaya, Nagpur
- FDP on Safer and Greener chemistry Labs, 19th to 25th July 2022, GAD TLC University of Delhi

Orientation/Refresher Courses Attended

- Refresher course in Environmental Science (ID) w.e.f. 8th to 28th February 2014 organised by UGC HRDC University of Jammu
- Orientation course w.e.f. 12th January to 10th February 2015 organised by UGC HRDC University of Jammu
- Three weeks refresher course in Chemistry w.e.f. 3rd to 23rd December 2018 organised by UGC HRDC University of Jammu
- Refresher course (Online) Research Methodology: Tools and Techniques w.e.f. 7th to 20th July, 2020 organised by UGC-HRDC, Mizoram University.
- Refresher course in chemistry w.e.f. 3rd to 16th March 2021 organised by UGC HRDC University of Jammu

Research Publications

- Inherent relationship between mechanical properties and microstructure of eutectic alloy Pb-Cd in International Journal of Science and Research Volume 11 Issue 11, November 2022

Book Publications

- Intellectual Property Rights and Business skills for Chemist (National) ISBN: 9788194022244
- Fundamentals of Chemistry-II(National) ISBN: 9789392263309
- Cannabis Sativa: History, cultivation and medicine Anuradha Sharma, Malti Rajput and Javid Manzoor ISBN: 9781668457184

Academic Qualifications

Examination Passed	Board/ University	Subjects	Year	Division / Grade / Merit
SSC	JKBOSE	Eng, Hindi, Maths, SSt, Science	1999	Distinction
Higher Secondary	JKBOSE	English, Physics, Chemistry, Maths, Biology	2001	Distinction
Bachelor's Degree(s)	University of Jammu	English, Physics, Chemistry, Maths	2004	Distinction 7 th Position in Science stream in JU
Master's Degree(s) (M.A/M.Sc.)	University of Jammu	Chemistry	2006	Ist Division

Research Experience

Research Stage	Title of Work /Thesis	University where the work was carried out	Year
M. Phil or equivalent	Inherent Relationship between microstructural and mechanical parameters of eutectic composite alloy Pb-Cd	University of Jammu	2008

Teaching Experience

Courses Taught	Name of the University/ College/Institution	Duration
iv) U.G. (B.A./B.Sc. etc.) (B.A./B.Sc. etc. Hons.)	<ul style="list-style-type: none"> • Govt College for Women Udhampur • Govt College for Women Gandhi Nagar 	3 Years 10+ Years
vii) Any other(e.g Women Study, Skill Development , Add on courses, Coaching (JUET, CET) etc)	<ul style="list-style-type: none"> • Associated with Personality Development and Grooming Centre of the college • CET Govt College for Women Gandhi Nagar 	

Extension Work / Community Service

- Participated in various awareness programs and community services being Associate NCC Officer w.e.f. 2012 to 2020