

Profile

Name:	Dr. Mohinder Kumar
Designation:	Associate Professor
Department:	Chemistry
Specialization:	Physical Chemistry
Educational Qualifications:	M.Sc. B.Ed. Ph. D (NET- CSIR-JRF & SLET)
Teaching Experience:	17 years
Research Experience:	06 years
Research Papers:	Published 10 research Papers in various national and international journals
Conferences :	Presented research papers in 17 national and international conferences
Orientation Programme :	01
Refresher courses:	05
FDPs:	10
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Research Publications:

Sr. No.	Title with page Numbers	Journal	ISSN/ISBN No.	Impact Factor
1.	<p>A Study of viscosities of citric acid and tartaric acid in water and binary aqueous mixtures of ethanol at different temperatures,</p> <p>Authors: ML Parmar, RK Awasthi, MK Guleria</p> <p>Page numbers : 41-44</p>	<p>Indian Journal of chemistry</p> <p>Volume: 43A</p> <p>(January-2004)</p>	<p>ISSN 0975-0975</p> <p>(Online)</p>	<p>(Peer reviewed)</p> <p>(Scopus Indexed)</p> <p>Impact factor: 0.412</p>
2.	<p>A Study of partial molar volumes of citric acid and tartaric acid in water and binary aqueous</p>	<p>Journal of chemical sciences</p>	<p>ISSN 0974-3626 (print) 0973-7103 (web)</p>	<p>(Peer reviewed)</p>

	<p>mixtures of ethanol at different temperature,</p> <p>Authors:</p> <p>ML Parmar, RK Awasthi, MK Guleria</p> <p>Page numbers : 33–38.</p>	<p>Volume: 116 (January-2004)</p>		<p>(Scopus Indexed)</p> <p>Impact factor: 2.15</p>
3.	<p>A study on partial molar volumes of some organic acids in binary aqueous solutions of urea at different temperatures.</p> <p>Authors:</p> <p>ML Parmar, OP Sharma, MK Guleria</p> <p>Page numbers : 1868- 1871</p>	<p>Indian journal of chemistry Volume: 43A (September-2004)</p>	<p>ISSN 0975-0975 (Online</p>	<p>(Peer reviewed)</p> <p>(Scopus Indexed)</p> <p>Impact factor: 0.412</p>

4.	<p>A Study of partial molar volumes of oxalic acid and its salts in water at different temperatures,</p> <p>Authors ML Parmar, MK Guleria</p> <p>Page numbers : 648-650</p>	<p>Journal of the Indian Chemical Society</p> <p>Volume: 82 (July-2005)</p>	<p>ISSN 0019-452 2.</p>	<p>(Peer reviewed)</p> <p>(Scopus Indexed)</p> <p>Impact factor: 0.243</p>
5.	<p>Viscosities of oxalic acid and its salts in water and binary aqueous mixtures of tetrahydrofuran at different temperatures.</p> <p>Authors ML Parmar, MK Guleria</p> <p>Page numbers : 351-357</p>	<p>Journal of Chemical Sciences</p> <p>Volume:117 (July-2005)</p>	<p>ISSN 0974-362 6 (print) 0973-710 3 (web)</p>	<p>(Peer reviewed)</p> <p>(Scopus Indexed)</p> <p>Impact factor: 2.15</p>

6.	<p>A study of partial molar volumes of oxalic acid and its salts in binary aqueous mixtures of tetrahydrofuran at various temperatures.</p> <p>Authors ML Parmar, MK Guleria</p> <p>Page numbers : 48-52</p>	<p>Journal of Molecular liquids</p> <p>Volume: 126 Accepted: July 2005 Available online: March-2006</p> <p>Journal of Molecular Liquids 126 (2006) 48 – 52</p>	<p>ISSN 0167-732 2.</p>	<p>(Scopus Indexed) (Peer reviewed)</p> <p>Impact factor: 6.633</p>
7.	<p>Partial molar volumes oxalic acid and its salts in water rich binary aqueous mixtures of methanol</p> <p>Authors: ML Parmar, MK Guleria</p> <p>Page numbers : 806-811</p>	<p>Indian Journal of Chemistry</p> <p>Volume: 48A (June-2009)</p>	<p>ISSN 0975-0975 (Online)</p>	<p>(Peer reviewed) (Scopus Indexed)</p> <p>Impact factor: 0.412</p>

<p>8.</p>	<p>A comparative study of partial molar volumes of some hydrated and anhydrous salts of transition metal sulphates and magnesium sulphate in water at different temperatures,</p> <p>Authors ML Parmar, Praveen Sharma, MK Guleria</p> <p>Page numbers : 57-62</p>	<p>Indian Journal of Chemistry</p> <p>Volume: 48A</p> <p>(January-2009)</p>	<p>ISSN</p> <p>0975-0975</p> <p>(Online)</p>	<p>(Peer reviewed)</p> <p>(Scopus Indexed)</p> <p>Impact factor:</p> <p>0.412</p>
<p>9.</p>	<p>A study of viscosity B-coefficient of some organic acids in aqueous solutions of urea at different temperatures.</p> <p>Authors ML Parmar, OP Sharma, MK Guleria</p> <p>Page numbers : 149</p>	<p>Proceeding National academy of sciences INDIA Section-B</p> <p>Volume-75</p> <p>(2005)</p>	<p>ISSN</p> <p>0027-8424</p>	<p>(Peer reviewed)</p> <p>(Scopus Indexed)</p> <p>Impact factor:</p> <p>0.282</p>

Full Papers in conference Proceedings:

S.No	Title with page Nos	Details of Conference Publication	ISSN/ISBN No.
1	<p>A Study on Viscosities of oxalic acid and its salts in water rich binary aqueous mixtures of dioxane.</p> <p>Author: Dr. Mohinder Kumar</p> <p>Page numbers : 83-90</p>	<p>CPU-Research Journal</p> <p>(National Conference on Advances in Basic & Applied Sciences</p> <p>Organised by: Career Point University Hamirpur</p>	<p>ISSN (online):2455-6076</p>

Orientation Programme, Refresher Courses & FDPs Attended:

Sr. No.	Programme	Duration	Organised By
1.	Orientation programme (OP-88)	28 days w.e.f.09.06.2008 to 05.07.2008	ASC Shimla.
2.	Training Programme on “Training of Trainers on Disaster Managemet”	One week 01-12-2009 to 05-12-2009	H.P. Institute of Public Administration (HIPA) Fairlawns Shimla-171012 .
3.	Refresher course in IT(RC-233)	21 days w.e.f. 06.04.2011 to 26.04.2011	ASC Shimla
4.	Refresher course in Physical Sciences	21 days w.e.f. 08. 12.2014 to 27. 12.2014	ASC Punjabi University Patiala.
5.	Short term course in Gender Sensitization	One week w.e.f 25-07-2018 to 30.07. 2018	HRDC Kurukshetra University
6.	FDP on GChemPaint from	One week w.e.f15 th May to 20 th May, 2020.	Organised by GC Una in association with Spoken Tutorial, IIT Bombay
7.	Online Refresher course in Chemistry for higher education	Two weeks	Organised on SWAYAM platform (MHRD Govt. of INDIA)

	(ARPIT)		
8.	FDP on “Environmental Impacts of Covid-19 Pandemic : Challenges and Future Research	One week 27-05-2020 to 01-06-2020	Guru Govind Singh Indraprastha University , Delhi
9.	FDP on “ Enhancing Quality of Chemistry Education in India”.	One week 25-02-2021 to 03-03-2021	Guru Angad Dev Teaching and Learning Centre (A centre of Ministry of Education under PMMMNMTT
10.	FDP on “ The Road Ahead:NEP and Pedagogies”	One week w.ef. 01-04-2021-05-04-2021	Guru Angad Dev Teaching and Learning Centre (A centre of Ministry of Education under PMMMNMTT
11.	Online refresher course in outcome based education and technology in higher education	Two weeks 14-07-2021 to 03-08-2021	Guru Angad Dev Teaching and Learning Centre (A centre of Ministry of Education under PMMMNMTT
12.	FDP on ICT Enabled Teaching in Higher Education	One week 04-05-2022 to 10-05-2022	Guru Angad Dev Teaching and Learning Centre (A centre of Ministry of Education under PMMMNMTT
13.	FDP on “ Professional Development Programme on Implementation of NEP-2020 for university and college Teachers”	One week 07-10-2022 to 15-10-2022	Organised by IGNOU under PMMMNMTT
14.	FDP on “ Academic Research writing”.	One week 02-01-2023 to 08-01-2023	Teaching Learning Centre, Ramanujan College ,University of Delhi Ministry of Education GOI (PMMMNMTT)
15.	Refresher course on “ Managing online classes & Co-creating MOOCs 22.0	Two Week 07-01-2023 to 21-01-2023	Teaching Learning Centre, Ramanujan College ,University of Delhi Ministry of Education GOI (PMMMNMTT)
16.	FDP on ICT Tools for Teaching & Learning	One week 16-01-2023 to 22-01-2023	Teaching Learning Centre, Ramanujan College ,University of Delhi Ministry of Education GOI (PMMMNMTT)

Papers presented in Conferences, Seminars, Workshops, Symposia

Sr. No.	Title of Paper Presented	Title of Conference/Seminar	Organised By	International /National /State/ Regional/ College or university Level
1.	Partial molar volumes of oxalic acid and its salts in water rich binary aqueous mixtures of Acetonitrile.	1 st Annual National conference on Science: Emerging Scenario & Future Challenges,	Him Science Congress Association H.P. 8 -10 March ,2013	National
2.	Partial molar volumes of oxalic acid and its salts in water rich binary aqueous mixtures of dioxane.	Professor Ram Chand Paul National Symposium on New Visions in Chemical Sciences, 15-16 Feb. 2014	Dept. Of Chemistry P.U. Chandigarh	National
3.	A study on molar conductance of oxalic acid and its salts in water at different temperatures"	National Conference on "Advances in Basic and Applied Sciences"	Career Point University Hamirpur, 10 th May 2014.	National
4.	A study on molar conductance	National conference on	Department of Physics	National

	of oxalic acid and its salts in binary aqueous mixtures of methanol at different temperatures	nanostructural materials and their applications (NMA-2014	Govt. Post Graduate college Sarkaghat Dist. Mandi HP 9 th to 11 th October,2014	
5.	A study on viscosities of oxalic acid and its salts in binary aqueous mixtures of methanol	National conference on Science: Emerging Scenario & Future Challenges-II,	Him Science Congress Association H.P. 17 th -18 th May 2014	National
6.	Environment and its legal issues	One day state level seminar on Environmental Issues in India-Challenges Ahead	Departments Botany and Zoology G.C. Bhoranj 7 th May-2015	State level
7.	Culture and Environment	National conference on Culture, Environment and Folk Deities with special reference to Bilaspur	Dept. Of Zoology G.C. Bhoranj 13 th -14 th Feb. 2016	National
8.	A study on Molar conductance of oxalic acid and its salts in binary aqueous mixtures of Dioxane at different temperatures.	International conference on Science: Emerging Scenario & Future Challenges	Him Science Congress Association H.P. 1 st -2 nd July 2017	International
9.	Studies on Hydrodynamic Permeability of Aqueous Solutions of Oxalic acid and its salts across Titanium Oxide Membrane	International Conference on Opportunities and Challenges of 21 st century	Organised by RGGDC Shimla-4 in collaboration with Science & Management Society H.P.	International
10.	Studies on Hydrodynamic Permeability of Oxalic acid and its salts across Titanium Oxide Membrane in binary aqueous mixtures of dioxane.	National Seminar on biodiversity and sustainable development	Department of Zoology and Botany SGGSJ Govt. College Paonta Sahib, Sirmour (H.P.) Funded by department of biotechnology, Govt. of India under star college scheme	National

11.	Role of chemistry products in energy saving	National seminar on electricity conservation, safety measures and consumer rights awareness in context to domestic users of Himachal Pradesh	RNT Govt. College Sarkaghat in collaboration with H.P. state electricity board (Ltd.) 11-12-2021	National
12.	Impact of Pandemic on Education sector and science	International conference on Impact on Education Sector after Pandemic in the field of Commerce, Management, Science, Medical, Engineering, IT and Humanities (Multidisciplinary)	Govt. College Pithampur (Dhar) (M.P.), Annie Besant College Indore & Research foundation of India 08-01-2023	International
13	New Education Policy (NEP-2020) on Improvement of quality of teachers and role of teachers in its implementation	National seminar on national professional standards for teachers: issues and concerns	IQAC-Raj Rajeshwari College of Education Vill Chorab (Mansui) PO Bhota, Tehsil Barsar, District Hamirpur, HP 09-01-2023	National
14	Studies on Hydrodynamic Permeability of Oxalic acid and its salts across Titanium Oxide Membrane in binary aqueous mixtures of Acetonitrile.	International Multidisciplinary conference A Step towards Sustainable Society	Govt. women's polytechnic college Indore & research foundation of India 12-01-2023	International
15	A study on viscosities of oxalic acid and its salts in water rich binary aqueous mixtures of Acetonitrile.	National Seminar on Biophysics (Biophysika-2023)	Centre for interdisciplinary, Research in basic sciences Jamia Millia, Islamia, New Delhi-110025 18-01-2023	National
16	Studies on Hydrodynamic	International seminar on recent	Khalsa college Amritsar	International

	Permeability of Oxalic acid and its salts across Titanium Oxide Membrane in binary aqueous mixtures of Methanol.	advances in chemical sciences (RACS-IX).	19-01-2023	
17	A study on Molar conductance of oxalic acid and its salts in binary aqueous mixtures of acetonitrile at different temperatures.	International Conference on Innovation in multidisciplinary areain the field of commerce, management, science, engineering, medical education, information technology, humanities, law and agriculture	Shri Umiya Kanya Mahavidyalaya Rangwasa (Rau), Indore (M.P.) & Research foundation of India 21-01-203	International

Chairmanships at national or international conference / seminar etc.

S. No	Title of the Lecture / Academic Session	Title of Conference Seminar etc	Organised by	
1.	Chaired a session on Oral presentations	National seminar on electricity conservation, safety measures and consumer rights awareness in context to domestic users of Himachal Pradesh	RNT Govt. College Sarkaghat in collaboration with H.P. state electricity board (Ltd.) 11-12-2021	National
2.	Co-chaired a technical session	One day state level seminar on Environmental Issues in India-Challenges Ahead	Departments Botany and Zoology G.C. Bhoranj 7 th May-2015	State level
3.	Organised one day college level seminar on Recent Trends in Education	one day college level seminar on Recent Trends in Education	Career Guidance and counseling Cell Govt. College Bhoranj (Tarkwari) Dist. Hamirpur HP 06-05-2015	College level

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