



A) Educational Qualifications

Degree	Year of Passing	University/Institute
Ph.D	1982	VIKRAM UNIVERSITY,UJJAIN, M P
PG	1977	GOVT. COLLEGE, MANDSAUR,VIKRAM UNIVERSITY,UJJAIN, M P
UG	1975	GOVT. COLLEGE, MANDSAUR, VIKRAM UNIVERSITY,UJJAIN, M P
others		

B) Career Profile

Designation	Institution served	Duration	
		From	To
Lecturer	University College, MDU	October 1982	December 2006
Lecturer	UIED, MDU	December 2006	19 th May 2008
Lecturer/Associate Professor	Department of Chemistry	19 th May 2008	till date

C) Publications

Research Papers

LIST OF RESEARCH PAPERS PUBLISHED IN INTERNATIONAL JOURNALS

- Oscillatory behaviour in the oxidation of hematoxylin with bromate and sulphuric acid
React. Kinet. Catal. Lett., 13, 259(1980)
- Chemical oscillatory reactions with and without metal catalyst
Zeit. Fur, Phys. Chemie., 261(3), 799, (1980)
- Uncatalysed chemical oscillatory behaviour in the oxidation of catechol with acid
Bromate
Bull. Chem.Soc., Japan, 54,317(1980)

4. A novel type of Chemical Oscillator
Int. J. Chem. Kinet., 13, 321 (1980)
5. Uncatalysed Chemical oscillations in the acidic bromate oxidation of Tiron
Annali De Chemica (Italy) 71,263 (1981)
6. Chemical oscillations in the uncatalyzed bromate oxidation of
Hydroquinone and Nitro Phenols
React. Kinet. Catal. Lett., 19, 201 (1982)
7. Uncatalysed chemical Oscillations in the aqueous acidic bromate
Oxidation of Veratraldehyde
React. Kinet. Catal. Lett., 19, 201 (1982)
8. Oscillatory Reactions: New Perspective
Gazzetta Chemica Italiana, 113, 123 (1983)

LIST OF RESEARCH PAPERS PUBLISHED IN NATIONAL JOURNALS

1. Oscillatory behaviour in acidic bromate oxidation of Pyruvic acid system
Nat. Acad. Sci. Letters, 7(8), 249 (1984)

List of Research Papers presented/accepted in National Conferences

1. Chemical oscillations of Hematoxyline and acid bromate in absence and in the presence of catalyst. Annual Convention of Chemist. 1979 at Kurukshetra.
2. Chemical oscillations in a system of 3(3,4-di hydroxyl phenyl)-DL- Alanine and Acid bromate without and with catalyst.
Annual Convention of Chemist. 1979 at Kurukshetra.
3. Uncatalysed and catalysed chemical Oscillations in the oxidation of O-nitro Phenol with bromate in Sulphuric acid medium.
49th Annual session of Nat. Acad. Sci., 1979 at Nagpur.
4. Chemical oscillations in Uncatalysed bromate oxidation of hydroxyl benzenes.
Annual Convention of Chemist. , 1980 at Bombay.
5. Oscillatory behaviour in the bromate oxidation of L-Tyrosine.
Annual session of Nat. Acad. Sci., 1981 at Cochin.
6. Oscillatory Reactions: Apparent energy of Activation.
Indian Council of Chemists, 1982 at Srinagar.
7. Chemical Oscillationsof 2,4,6-tri nitro phenol.....of ferrioin
Annual session of Nat. Acad. Sci.,1982 at Bhavnagar.
8. Apparent energy of activation of p-sulphonic phenol/H SO / Bromate system.
National Symposium on Chemical Reaction Mechanism, 1983 at V.U., Ujjain.
9. Effect of Temperature on Veratraldehyde/sulphuric acid/bromate system.
Annual session of Nat. Acad. Sci.,1983 at Dona Paula.
10. Oscillatory behaviour in Acidic bromate oxidation of pyruvic acid system.
1st annual session of Symposium of Young Chemists of India, 1983 at University of Delhi.
11. Presented a paper entitled, 'Role of Individual differences in Diagnosis of Physical Ailments in Homœopathy',at National Seminar and 6th National Conference of Prachi Psycho-Cultural Research Association on Individual Defferences and Behaviour, October 11-12(2002), organized by Department of Psychology, M D U, Rohtak.

12. Presented a paper entitled, 'Fear: Homœopathy comes to the rescue' at 8th International and 39th National Conference of Indian Academy of Applied Psychology (IAAP) on Positive Health and Well being. July 15-17 (2004), organized by Department of Psychology, M D U, Rohtak.
13. Presented a paper entitled,'Healing of the mind and body:Bach flower remedies', at the National seminar on Health Psychology:Retrospect and Prospects, 29-30 March 2005, organized by the Department of Psychology.
14. Presented a paper entitled, 'Prescribing the Homœopathic Medicine made easy', at the National Seminar on Positive Perspectives of Health and Behaviour on 1-2 February 2008, organized by Department of Psychology, M D U, Rohtak.
15. Presented a paper entitled, Health and its dynamics: an alternative approach', at A National Seminar on Health and its Dynamics: Market and Society, 26-27 March 2010, organized by Department of Sociology, M D U, Rohtak.
16. Presented a paper entitled, ' A study of society and cosmetics: Lipsticks' at International Conference on Science Technology and Society, 12-13 March 2011, organized by Department of Sociology, Indore Christian College, Indore, M.P., Sponsored by Madhya Pradesh Council of Science and Technology, Bhopal, M.P.

LIST OF SEMINARS/WORKSHOPS/SYMPOSIAS ATTENDED AS PARTICIPANT

1. Attended National workshop on, 'Solid state nuclear track detectors', conducted by NTSI and department of Chemistry at MDU, Rohtak, 8-10 October 1996
2. Attended,'Patent awareness Workshop',organized by Department of Biosciences, MDU, Rhtak and Panjab state Council for Science and Technology, Chandigarh, 21st December 2002.
3. Attended a National seminar on, 'Environmental Challenges: Sustainable Development', on 29-30 March 2010, organized by department of Environmental Sciences, M D U, Rohtak
4. Attended one day workshop on, ' Material Science', on 25th March 2011,oganized by Department of Physics, M D U, Rohtak,