

1. Name of faculty: DR. MAMTA RANKA
2. Department: CHEMISTRY
3. Designation: ASSISTANT PROFESSOR
4. Age as on 01.01.2016: 32 YEARS 3 MONTHS
5. Educational Qualifications: M.Sc. (Gold Medal), Ph.D., NET, SET
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10. List of Publications:

Authors names	Title of paper	Name of Journal	Vol. No.	Pages from-to	Year
Gaur S; Purohit R; and Ranka M	Studies on Tetraazamacrocycles and their complexes revealing the toxicological aspects	Journal of Indian Council of Chemists	24(2)	51-56	2007
Gaur S; Ranka M; and Purohit R	Evaluation of Crop Characteristics by the application of various Organic Materials	International Journal of Chemical Sciences	5(5)	2007-2013	2007
Gaur S; Ranka M; and Purohit R	Investigation on anion recognition of Acetate ions using 2-Hydrazinopyridine-2-iminothiazolidine-4-carboxylic acid	International Journal of Chemical Sciences	6(4)	2189-2193	2008
Gaur S; Ranka M; and Purohit R	Physico-chemical and catalytic studies on complexation behavior of Polystyrene-1, 10 Phenanthrolino-5, 6-bis-4', 5-Dihydroxyimino-7-methoxy	Asian Journal of Chemistry	20(8)	5843-5848	2008

	Isoflavone with some Transition Metals				
Gaur S; Purohit R; and Ranka M	Pharmacokinetic and Pharmacodynamic parameters of Furazolidone and its complexation with Amino acids	International Journal of Chemical Sciences	6(1)	219-226	2008

11. List of Books Published:

Authors names	Title of Book	Name of Publisher	Year
Dr. Mamta Ranka, Dr. Vikal Gupta, Dr. Arun Arora, Dr. S. Gaur	Organic Chemistry (for B.Sc II Year)	Associate Book Company, Jodhpur ISBN : 978-93-88875-55-4	2013

12. List of Conferences / Symposium/ Refresher Courses Attended :

CONFERENCES

- (I) 27TH Annual Conference of Indian Council of Chemists, 2008.
- (II) 44th Annual Convention of Chemists, Indian Chemical Society, 2007.
- (III) 43rd Annual Convention of Chemists, Indian Chemical Society, 2006.

SEMINARS/ SYMPOSIUM

- (I) National Seminar on Analytical Electrochemistry (NSAE-2010).
- (II) DST Workshop on "Water Purification Possibilities and Prospects"(WPPP-2010).
- (III) National Symposium on New Frontier's in Chemical Sciences (NSCS-10).

REFRESHER COURSES

- (I) UGC sponsored Refresher Course in Chemistry, 2009 from August 17th to Sep. 5th, 2009 at UGC Academic Staff College, Jai Narain Vyas University, Jodhpur.
- (II) UGC sponsored Refresher Course in Chemistry, 2012 on "Recent Advances in Chemical Sciences and Technology" from Oct. 8th to Oct. 27th, 2012 at UGC Academic Staff College, Jai Narain Vyas University, Jodhpur.