



## Faculty Profile



1. Name: Dr MANOJ KUMAR BATRA
2. Designation: Associate Professor
3. Department: Chemistry
4. Educational Qualification:

Level	Name of University/Board	Year	Title/ Remark/ Medal
<i>P.G.</i>	J N V UNIVERSITY	1993	Organic
<i>Ph.D.</i>	M D S UNIVERSITY	2008	Physico-chemical Studies of Some Oxazine dyes and their Intermediates
NET CHEMISTRY	CSIR-UGC EXAMINATION	1995	JRF & NET
GATE	IIT	1994	84.12 Percentile

### 5. Experience: Teaching / Research

UG	PG	Research
23	20	4

6. *Membership (Academic Bodies/ Research societies):* **Member, Board of Studies Chemistry, M D S University Ajmer from 2015 to 2017.**

**Member, Committee of Courses, Applied Chemistry, M D S University Ajmer from 2017 to 2019.**

7. M.O.O.C (Developed by Faculty): N/A

8. Awards Received: N/A

### 9. Academic Courses Attended:

Course	Place	Sponsoring Agency	Duration
Orientation Course	Academic Staff College University of Rajasthan Ajmer	UGC	16.5.1999 to 11.6.1999
Refresher	ASC	UGC	01-09-2001 to 21-09-

Signature



# S.P.C.G.C., Ajmer

	<b>M. D. S. Rajasthan Ajmer</b>		<b>2001</b>
	<b>Academic Staff College M. D. S. Rajasthan Ajmer</b>	<b>UGC</b>	<b>09-03-2004 to 29-03- 2004</b>
	<b>Academic Staff College M. D. S. Rajasthan Ajmer</b>	<b>UGC</b>	<b>05-10-2005 to 25-10-2005</b>
<b>Refresher Course in Education Management</b>	<b>Academic Staff College M. D. S. Rajasthan Ajmer</b>	<b>UGC</b>	<b>24-09-2007 to 14-10-2007</b>
<b>Others (Workshop/ Summer School/ Camp etc.)</b>	-	-	-
<b>Online F.D.P (Faculty Development Programme)</b>	-	-	-

## 10. Seminar/ Conference :

<b>Name of Symposium/ Seminar/Conference</b>	<b>Internat./ National/ Regional</b>	<b>Organized by</b>	<b>Title of Paper presented</b>	<b>Year</b>
<b>National Level Seminar on Potable Water, P.H.E.D. Lab., Ajmer</b>	<b>Nationa l</b>	<b>Attended</b>		<b>9-10<sup>th</sup> January  2003.</b>

Signature



Third International Conference of Council of Surface Science and Catalysts,  Department of Pure and Applied Chemistry, M D S University, Ajmer	National	Attended		8 - 9 <sup>th</sup>  December  2003.
National Symposium on Recent Advances in Chemical Research (RACR-05),  Department of Chemistry, University of Rajasthan, Jaipur	National	Attended		28 - 29 <sup>th</sup> March 2005.
IUPAC Sponsored Second International Symposium on Green/Sustainable Chemistry, Department of Chemistry, University of Delhi, Delhi	International	Presented	Sustainable and rapid microwave induced synthesis of some biologically active substituted <i>p</i> -benzoquinones (P-18).	10 - 13 <sup>th</sup> January 2006.
Second National Conference of Indian Thermodynamical Society on Thermodynamics of Chemical and Biological Systems (NCTCBS2-	National	Presented	Physico-chemical studies of some triphenodioxazine dyes in DMF at 303.15 K (OP-8).	30 <sup>th</sup>  October-1 <sup>st</sup> November



2006), Department of Chemistry, Veer Narmad South Gujrat University, Surat				2006.
Third International Symposium on Current Trends in Drug Discovery Research (CTDDR-2007), Central Drug Research Institute, Lucknow	Internat ional	Presented	Non-traditional approaches to synthesis of some biologically active substituted <i>p</i> -  benzoquinone (P-12)	17 <sup>th</sup> – 21 <sup>st</sup> Februa ry  2007.
National Symposium on Recent Trends in Chemistry (NRTC-2007), Department  of Chemistry, M. P. Govt. P. G. College, Chittorgarh (Raj.)	Nationa l	Presented	Microwave induced synthesis of some intermediates leading to synthesis of triphenodioxazine heterocycles. Published in abstract book of National  Symposium on Recent Trends in Chemistry (NRTC-2007), Chittorgarh (Raj.)  2007.	10 <sup>th</sup> Januar y 2007.
National Workshop on Green Chemistry	Nationa l	Attended		7 - 9 <sup>th</sup>



(NWGC-2009), Department of Chemistry and Maharaja's College, University of Rajasthan, Jaipur,				Decem ber 2009.
National Seminar on Innovative Teaching Methodology for 2D NMR Spectroscopy-A Technique With Difference, organized by department of Pure & Applied Chemistry, M D S University Ajmer,	Nation al	Attended		21 March 2013.
A National seminar on Technical Terminology in Science organized by Commission For Scientific and Technical Terminology at Govt. College Ajmer	Nation al	Attended		12-13 Sept. 2014.
National Seminar on Innovative Teaching Methodology for <sup>13</sup> C NMR Spectroscopy-A Technique With	Nation al	Attended		25 March 2015.



# S.P.C.G.C., Ajmer

<b>Difference, organized by department of Pure &amp; Applied Chemistry, M D S University Ajmer,</b>				
<b>National Seminar on Mass Spectroscopy, organized by department of Pure &amp; Applied Chemistry, M D S University Ajmer, 17 October 2015.</b>	<b>National</b>	<b>Attended</b>		<b>25 March 2015.</b>
<b>A National seminar on Technical Terminology in Science organized by Commission For Scientific and Technical Terminology at R K Patni Govt. P G College Ajmer</b>	<b>National</b>	<b>Attended</b>		<b>9 February 2016.</b>
<b>National Seminar on e-Learning and MOOCs in Higher Education organized by SGTB Khalsa College, University of Delhi Sophia College Ajmer</b>	<b>National</b>	<b>Attended</b>		<b>16th March 2019.</b>

Signature



## 11. Organizing Sec./Convener of conference/seminar/webinar :

Conference/Seminar Title	Year

## 12. Resource Person:

In training Programme	
In conferences/Seminars (Chair/Co-Chair/of Session)	

## 13. Research Publications

Title of Paper	Name of Journal with Impact factor & ISSN No.	Volume and No. with Year	Citation Index	Impact Factor	Google Index
An efficient synthesis and biological activity of substituted <i>p</i> -benzoquinones,	<i>Bioorganic &amp; Medicinal Chemistry</i> Impact Factor 2.793	14 (2006) 8519-26	15	2.802	
Non-traditional approaches to synthesis of some biologically active substituted <i>p</i> -benzoquinone,	<i>Medicinal Chemistry Research</i> Impact Factor 1.436	17 (2008) 604-17	5	1.720	
Microwave-assisted solvent-free synthesis of some bio-active substituted dihalo 1,4-benzoquinones on silica gel solid support.	<i>J. Indian Chemical Society</i> Impact Factor 0.173	85 (2008) 1205-10	1	0.150	

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## 14. Research Projects:

Title of the Project	Year	Name of funding agency	Fund available/ utilized	Present status

## 15. Research Supervision:

- Basic Field of specialization:

❖ Ph.D.

Name of Student	Title of thesis	Present status	Date and Year of Award, if so
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❖ M. Phil.

Name of Student	Title of Dissertation	Present status	Date and Year of Award, if so
Yash Sharma	MICROWAVE-ASSISTED SYNTHESIS OF SOME SUSTITUTED <i>p</i> -BENZOQUINONES AND THEIR ANTICORROSIVE STUDIES	Awarded	2008-09
Satyveer Yadav	MICROWAVE-ASSISTED SYNTHESIS OF SOME TRIPHENODIOXAZINE DERIVES ON INORGANIC SOLID SUPPORT	Awarded	2009-10

## 16. Monograph/ Book / Chapter (in Edited Book)/Chapters in study material of Open universities

- Book (Single Author)

Title of Book	ISBN/ ISSN No.	Publisher with Place	Year of Publication
-	-	-	-
-	-	-	-

- Chapter(s) in Book (Edited / multi-author)

Title of Chapter	Authors / Editors	Name of the Book with ISBN/ ISSN No.	Publisher with Place	Year of Publication
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**13 Sports Activities:**

**14 Extra Curricular Activities:**

**15. Any Other Relevant Information/Contributions**

**Acted as Review in the International Journals**

- 1. Medicinal Chemistry Research**
- 2. Bioorganic & Medicinal Chemistry**

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