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## Dr. Saurabh Singh

Assistant Professor

Ph.D.

Department of Chemistry

Total teaching experience (in years)-	<b>9 Years</b>
Institute of doctoral degree-	<b>University Of Rajasthan, Jaipur</b>
Research experience as Research Supervisor (in years)	<b>3 Years</b>
Number of Research papers/Articles published-	<b>Eight</b>

### Details of published article-

1. A Short Review: The Chemistry of Thioisatin and Its Derivatives, Indian Journal of Organic Chemistry(B), *Indian Journal of Chemistry(B)*, Vol. 59B, August 2020, pp. 1216-1224. ISSN: 0975-0983 (Online) , ISSN: 0376-4699 (Print)
2. Construction of Spiropyrans via [4+2] Photocycloaddition Reactions and its Computational Investigation, *Indian Journal of Organic Chemistry(B)*, Indian Journal of Chemistry, Vol. 60B, March 2021, pp. 446-455, ISSN: 0975-0983 (Online), ISSN: 0376-4699 (Print),
3. Synthesis of Spirooxindoles through Cyclocondensation of Isatin and Cyclic 1,3-diones, *Journal of Heterocyclic Chemistry,(Wiley)*, Online ISSN: 1943-5193, Print ISSN: 0022-152X55(7), 1783-1790, 2018.
4. Quinolin-4(1H)-one Constricted by the use of Mediated proton Ionic Liquid Under Nitrogen Atmosphere. Vol. 6(12), December 2016, 1255-1264., *JOURNAL OF CHEMISTRY AND CHEMICAL SCIENCE*, 1255-1264, 2016, ISSN 2229-760.
5. Transformation of Benzo[b]thiophene-2,3-diones to Functionalised Diaryldisulfides vol. 10, 2013, 358-363, *Letters Organic Chemistry Benthescience*, ISSN 1570-1786, 358-363, 2013.
6. Synthetic and Theoretical Approach Towards Spirothiazolidinone systems. *Heterocycles,(Elsevier Science)* Vol. 87, 2013, pp. 591-598,

7. A versatile route to benzodiazocine and spiropyran derivatives through chalcones, *J. Chem. Sci. (springer)*, Vol. 125, No. 3, May 2013, pp 517-524, ISBN0974-3626.
8. [3+2] Cycloaddition reactions of thioisatin with thiazolidine-2-carboxylic acid: A versatile route to new heterocyclic scaffolds, *Organic and Medicinal Chemistry (springer)*, 1,6,2011. ISSN:2191-2858, 1(6), PMID: 22373364

No. of Books published-

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Details of published Books- 1. **METAL COMPLEXES Synthesis and Catalytic Activities**, 2021, Ane Books Pvt. Ltd. 4821, Parwana Bhawan, 24, Ansari Road, Daryaganj, New Delhi - 110 002 ISBN : 978-81-948918-0-2.

No. of book chapters/papers in proceedings-

NIL

Conference attended-

S. No.	Name of the conference and Venue	Status: National/ International/ Workshop	Date of Participation
1.	International Academy of Physical Science (CONIAPS XII), University of Rajasthan Jaipur & International Academy of Physical Science, Allahabad	International Conference	December 22-24, 2010
2.	3 <sup>rd</sup> international conference on heterocyclic Chemistry, Department of Chemistry, University of Rajasthan, Jaipur	International Conference	December 10-13, 2011
3.	The Indian Science Congress Association (ISC), SRM University	International	3-7 January 2011

	Chennai, from 3 to 7 January, 2011.	<b>Conference</b>	
4.	National Symposium on "ORGANIC SYNTHESIS", Sponsored By UGC & CSIR  Organized by International College for Girls, The IIS university Jaipur.	<b>National Conference</b>	18-19 February 2011
5.	Advanced and Current Development in Chemical Research, Mahatma Gandhi Institute of Applied Science, Jaipur	<b>National Conference</b>	March, 26-27, 2011.
6.	Promoting Ethics & Professionalism in Biomedical Research, Poddar International College, Jaipur	<b>International Workshop</b>	January 2012.
7.	'International Workshop on Chemistry for a Sustainable Future.  University of Rajasthan Jaipur & MNIT, Jaipur , In Collaboration with green Chemistry Network, University of Delhi.	<b>International Workshop</b>	December 10- 12, 2012
8.	National Seminar on Innovative Teaching Methodology for 2DNMR Spectroscopy – A Technique With Difference, Department of Pure & Applied Chemistry, M. D. S. University, Ajmer (Rajasthan)	<b>National Seminar</b>	21 <sup>st</sup> March, 2013
9.	'Chemistry for Economic Growth		

	and Human Comforts'  Department of Chemistry, University of Rajasthan.	<b>National Conference</b>	August 31, 2013
10	Emerging Areas in Chemical Education & Research and national Convention of Chemistry Teachers. Association of Chemistry Teachers, Mumbai.  The department of Chemistry, IIS University, Jaipur	<b>National Conference</b>	October 16-18, 2014
11.	Intellectual property Rights (IPR), Department of Chemistry, M.L.V. College Bhilwara.	<b>National Workshop</b>	January 18 <sup>th</sup> 2017
12.	Frontiers at the Chemistry – Allied Science Interface, University of Rajasthan, Jaipur	<b>International Conference</b>	July 22-23, 2017
13.	Recent Advances at Interfaces of Physical and Life Sciences RAIPLS- 2018	<b>National Conference</b>	July 6-7, 2018
14.	Embracing the other: Rediscovering mathatma Gandhi and the power of non-violence	<b>International Conference</b>	Sept.20-21, 2019
15.	Environmental and Climatic consequences: Challenges and Mitigation strategies	<b>International Conference</b>	Dec. 21-22, 2019
16.	The 1 <sup>st</sup> HeriCure-v-Ukzn: An International Webinar.	<b>International Conference</b>	30-31 May, 2020

Research projects handled-

NIL

Member of BOS,Academic council- **Yes** (BOS ,Textile Chemistry, MDS University, Ajmer)

Any other achievements (Award, collaboration, foreign visit for academic purpose etc.)

<b>collaborative activity</b>	<b>Name of the collaborating agency with contact details</b>	<b>Year of collaboration</b>	<b>Nature of the activity</b>	<b>Duration</b>	<b>Link to the relevant document</b>
Guest Faculty	Sangam University, Bhilwara (Raj.)	2016	Teaching	2h for 2 days	<a href="https://drive.google.com/file/d/1z-Vh6_euuJsv8rKzMNmU2WXblgon2ThL/view?usp=sharing">https://drive.google.com/file/d/1z-Vh6_euuJsv8rKzMNmU2WXblgon2ThL/view?usp=sharing</a>
Guest Faculty	Central University, Bandrasindari, Ajmer, Rajasthan	2019	Teaching	10 days	<a href="https://drive.google.com/file/d/1BvCS3OqHqrpO4UThMXDlbH6j7xFsR2rG/view?usp=sharing">https://drive.google.com/file/d/1BvCS3OqHqrpO4UThMXDlbH6j7xFsR2rG/view?usp=sharing</a>
Reviewer	Open Journal of Medicinal Chemistry, Scientific Research Publication, USA	2016	Reviewer		<a href="https://drive.google.com/file/d/1FNpcyF7mM6dxRUcGUZyBid7SOc-CsNPO/view?usp=sharing">https://drive.google.com/file/d/1FNpcyF7mM6dxRUcGUZyBid7SOc-CsNPO/view?usp=sharing</a>