

Faculty Profile

Mr. SURENDRA KUMAR BAGARIA

Assistant Professor (Chemistry)

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Academic & Research Profile

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RESEARCHER ID: [HHN-8126-2022](http://www.webofscience.com/wos/author/record/[ResearcherID]) {[http://www.webofscience.com/wos/author/record/\[ResearcherID\]](http://www.webofscience.com/wos/author/record/[ResearcherID])}

ResearchGate Profile: <https://www.researchgate.net/profile/Surendra-Bagaria>

Google Scholar ID: <http://scholar.google.co.in/citations?user=gvlDmwYAAAAJ>



Google Scholar

Citation	H Index	i-10 Index
22 Total	2 Total	2 Total
22 (2019)	2 (2019)	2 (2019)

Surendra Kumar Bagaria

Department of Chemistry, Govt. Science College, Sikar (Rajasthan)
No verified email

Synthetic Organic Chemistry Heterocyclic Synthesis Green Chemistry Nano Catalysis

FOLLOWING

Cited by

	All	Since 2019
Citations	22	22
h-index	2	2
i10-index	2	2

TITLE CITED BY YEAR

- Green and eco-compatible iron nanocatalysed synthesis of benzimidazole: A review**
SK Bagaria, N Jangir, DK Jangid
Sustainable Chemistry and Pharmacy 31, 100932 11 2023
- Nanocatalysts: applications for the synthesis of N-containing five-membered heterocycles**
N Jangir, SK Bagaria, DK Jangid
RSC advances 12 (30), 19640-19666 11 2022
- Optimization of Catalytic Bromination of Acetophenones Using Taguchi's Method**
N Jangir, S Sohu, SK Bagaria, K Kumar, K Pareek, DK Jangid
ChemistrySelect 8 (20), e202204870 2023

[1] Educational Qualification: M.Sc., M.Phil., Ph.D. (Pursuing)

LEVEL	NAME OF UNIVERSITY	YEAR	TITLE/ REMARK/ MEDAL
U.G.	UNIVERSITY OF RAJASTHAN, JAIPUR	2005	-----
P.G.	M.D.S. UNIVERSITY, AJMER	2007	2 nd POSITION
M.Phil.	M.D.S. UNIVERSITY, AJMER	2008	1 st POSITION
Ph.D.	UNIVERSITY OF RAJASTHAN, JAIPUR	Pursuing	Synthetic Strategies and Biological Aspects of Heterocyclic Compounds
NET-JRF	CSIR, NEW DELHI	2008	AIR 27 th RANK

SLET/SET	RPSC, AJMER	2009	
GATE	IISC, BANGALORE/IIT ROORKEE	2008/ 2009	AIR 576 th RANK/ AIR 688 th RANK

[2] *Teaching/Research Experience : 6 Years*

Level	Experience	Posting Place	From	To
UG	6 YEARS	SRRM GOVT. COLLEGE, JHUNJHUNU (RAJ.)	12/10/2018	04/01/2021
		GOVT. SCIENCE COLLEGE, SIKAR (RAJ.)	05/01/2021	TILL
PG	6 YEARS	SRRM GOVT. COLLEGE, JHUNJHUNU (RAJ.)	12/10/2018	04/01/2021
		GOVT. SCIENCE COLLEGE, SIKAR (RAJ.)	05/01/2021	TILL
Research	5 YEARS	UNIVERSITY OF RAJASTHAN, JAIPUR	09/12/2019	TILL

[3] *Membership (Academic Bodies): 04*

S.N.	NAME OF SOCIETY/ACADEMIC BODIES	MEMBERSHIP TYPE	MEMBERSHIP NUMBER
1.	INDIAN SCIENCE CONGRESS ASSOCIATION (ISCA)	LIFE MEMBER	L41391
2.	MATERIAL RESEARCH SOCIETY OF INDIA (MRSI)	LIFE MEMBER	LMB3607
3.	ASSOCIATION OF CHEMISTRY TEACHERS (ACT)	LIFE MEMBER	LM1900
4.	SOCIETY FOR MATERIALS CHEMISTRY (SMC)	LIFE MEMBER	LM 1932

[4] *Academic Courses (Orientation/Induction/Refresher) Attended: 2 (1 Orientation + 1 Refresher)*

COURSE	PLACE	SPONSORING AGENCY	DURATION
Orientation Programme/ Faculty Induction Programme (F.I.P.)	Guru Ghasidas Central University, BILASPUR (Chhattisgarh) [THROUGH ONLINE]	UGC-HRDC, Guru Ghasidas Central University, BILASPUR (C.G.)	01.02.2021-01.03.2021 (Online Mode)
Refresher Courses	Teaching Learning Center, Ramanujan College, [THROUGH ONLINE]	TLC, Ramanujan College, University of Delhi	22.03.2022-05.04.2022 (Online Mode)
Ph.D. Course work	UNIVERSITY OF RAJASTHAN (UOR), JAIPUR (RAJ.)	DEPT. OF CHEMISTRY, UNIVERSITY OF RAJASTHAN, JAIPUR (RAJ.)	09.12.2019-21.12.2020

[5] *Offline F.D.P./Workshop/Short-Term Courses: 01*

S.N.	COURSE	SPONSORING AGENCY	DURATION
1.	FACULTY DEVELOPMENT PROGRAMME (FDP) on “Competency Building & Enhancement in Higher Education: Prospectus, Issues and Challenges”	S.S. JAIN SUBODH P.G. MAHILA MAHAVIDYALAYA, JAIPUR	20-21 December, 2019

[6] *Online F.D.P./Workshop/Short-Term Courses: 23*

S.N.	Course	Sponsoring Agency	Duration
2020-21			
2.	ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP) on “Development of Teacher’s e-kit and MOOCs in Four Quadrant Format of e-Content”	GAD-TLC, S.G.T.B. Khalsa College, University of Delhi	12.09.2020-20.09.2020

3.	FACULTY DEVELOPMENT PROGRAMME (FDP) on "Application of ICT in Teaching and Chemical Research"	GAD-TLC, S.G.T.B. Khalsa College, University of Delhi	06.10.2020-10.10.2020
4.	ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP) on "Learning Management System (MOODLE) For Online Teaching-Learning"	GAD-TLC, S.G.T.B. Khalsa College, University of Delhi	11.10.2020-17.10.2020
5.	ONE WEEK TEQIP-III SPONSORED SHORT TERM COURSE (STC) on "Analysis and Interpretation of Data Resulted from Material Characterization"	Dept. of Chemical Engineering, Malaviya National Institute of Technology, Jaipur (Raj.)	26.10.2020-30.10.2020
6.	ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP) on "QUALITATIVE DATA ANALYSIS"	Teaching Learning Centre (TLC), Ramanujan College, University of Delhi	21.12.2020-28.12.2020
7.	GYAN GANGA State Level Online Short Term Training Programme	Jointly Organised By COMMISSIONERATE COLLGE EDUCATION, RAJASTHAN & RAJ RISHI COLLEGE, ALWAR (RAJ.)	25.01.2021-31.01.2021
8.	NATIONAL WORKSHOP on "Laboratory Saftey Measure and Chemical Waste Management for Ecological & Environmental Shield"	Deptt. of Chemistry, RAJDHANI COLLGE, UNIVERSITY OF DELHI	FRIDAY, 16 th April, 2021
9.	NATIONAL WORKSHOP on "Designing and Development of e-Resources for Teaching and Learning"	RAJDHANI COLLGE, UNIVERSITY OF DELHI	22-24 June, 2021
2021-22			
10.	TWO DAYS NATIONAL WORKSHOP on "Designing and Development of e-Resources for Teaching and Learning- Part-II"	Jointly Organized By Dept. of Computer Science & Department of Chemistry, RAJDHANI COLLGE, UNIVERSITY OF DELHI	23-24 July, 2021
11.	ONLINE NATIONAL WORKSHOP on "Blended Learning with LMS-MOODLE (Basic)"	GAD-TLC, S.G.T.B. Khalsa College, University of Delhi	11.09.2021-12.09.2021
12.	ONLINE NATIONAL WORKSHOP on "Blended Learning with LMS-MOODLE (Advanced)"	GAD-TLC, S.G.T.B. Khalsa College, University of Delhi	18.09.2021-19.09.2021
13.	NATIONAL ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP) on "PSYCHOLOGICAL SKILLS FOR EFFECTIVE TEACHING AND LEARNING"	Teaching Learning Center (TLC), Ramanujan College, University of Delhi	06.01.2022-12.01.2022
14.	ONLINE NATIONAL WORKSHOP on "Chem Draw & Chem Sketch Software Learning"	ACS International Student Chapter & Lavoisier's Association, Department of Chemistry, Faculty of Science	28.01.2022-29.01.2022
15.	NATIONAL ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP) on "DEVELOPING MOOCs: CONCEPT AND TOOLS"	Teaching Learning Center (TLC), Ramanujan College, University of Delhi	10.03.2022-16.03.2022
16.	INTERNATIONAL SHORT TERM TRAINING PROGRAMME-2 on "IMPACT AND PANACEA OF ENVIRONMENTAL POLLUTION: THE PAST, PRESENT AND FUTURE"	RAJ RISHI GOVT. AUTONOMOUS COLLEGE, ALWAR (RAJ.)	20.04.2022-26.04.2022

2022-23			
17.	One Week International Online Faculty Development Programme (FDP) on “Modern scientific technologies – Ways to enhance research skills”	Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi in collaboration with K.R. Mangalam University, Gurugram & Motilal Nehru College, University of Delhi	26.12.2022-31.12.2022
18.	Two days Science Academies Lecture Workshop on “Chemistry for a Sustainable Future”	Department of Chemistry, School of Liberal Arts and Sciences, Mody University of Science and Technology, Lakshmargarh, Sikar, Rajasthan	30.01.2023-31.01.2023
19.	One Week National Online Faculty Development Programme (FDP) on “Teaching Learning Techniques and Research Ethics”	Janki Devi Bajaj Govt. Girls College, Kota (Raj.) in collaboration with Jaipuria Institute of Management Jaipur, Rajasthan	06.02.2023-11.02.2023
20.	Six Days (36 hour) National Online Short-term Professional Development Programme (PDP) on “Implementation of NEP-2020 for University and College Teachers”	IGNOU, New Delhi through SWAYAM	12.06.2023-18.06.2023
2023-24			
21.	Two-Days National Workshop on “Electrochemical & Other Modern Approaches for Organic Synthesis”	Department of Chemistry, University of Rajasthan, Jaipur (Raj.)	22/12/2023-23/12/2023
22.	Five Day Online Faculty Development Programme (FDP) on “Recent Advances in Chemistry”	Department of Chemistry, School of Advanced Sciences (SAS), VIT-AP University, Vijayawada (Andhra Pradesh) & American Chemical Society (ACS)	08/03/2024-13/03/2024
23.	NATIONAL ONE-WEEK ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)/ SHORT TERM PROGRAMME on “Blended Learning and LMS-Moodle”	UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC/GAD-MMTTC), S.G.T.B. Khalsa College, University of Delhi	02/05/2024-10/05/2024

[7] *Seminars/Symposium/Conferences (Both Online & Offline): 18 (15 International + 3 National)*

S.N.	Name of Seminar/Conference	Organized By	Attended/Paper Presented	Title of the Paper	Duration
INTERNATIONAL LEVEL					
2018-19					
1.	International Conference on “Mankind at Crossroads: Challenges and Solutions”	Govt. Bangar P.G. College, Pali (Raj.)	Paper Presented	“Green Synthesis of Nanoparticles - Remedial Uses in Medicines”	JANUARY 17-18, 2019
2.	International Conference on “Recent Advances at Interfaces of Physical and Life Sciences” (RAIPLAS)	UOR, JAIPUR	Paper Presented	“Green Synthesis of Silver Nano Particles: Remedial uses in Drug Delivery”	JANUARY 28-30, 2019
3.	International Conference on “Recent Trends in Environment & Natural Science” (ICRTENS)	Govt. Science College, Sikar	Paper Presented	“Green Synthesis of Silver Nanoparticles”	FEBRUARY 12-13, 2019

2019-20

4.	International Conference on "Emerging Challenges, Their Solutions and Recent Advances in Science"	Govt. Science College, Sikar	Paper Presented	"Silver Based Heterogenous catalysts for Green Chemistry"	OCTOBER 04-05, 2019
5.	1st SSHA International Conference on "Status of Vulnerable Sections in Society and Justice Through Constitution and Social Engineering"	PDDU SEKHAWATI UNIVERSITY, SIKAR	Paper Presented	"Vulnerability to HIV/AIDS of Women in Rajasthan"	NOVEMBER 29-30, 2019

2020-21

6.	INTERNATIONAL WEBCON on "Recent Advances in Chemistry Education and Chemical Research" (IWRACECR-2020)	Association of Chemistry Teachers and Deptt. of Chem., M.L.S.M. College, Darbhanga (Bihar)	Attended	----	Nov. 29-Dec.01, 2020
7.	International Web Conference on "Recent Trends in Chemistry and Environment" (RTCE)	Dept. of Chem., M.S.J. Govt. P.G. College, Bharatpur (Raj.)	Paper Presented	"A Greener Approach for The Synthesis of Benzothiazole"	MARCH 05-06, 2021
8.	INTERNATIONAL VIRTUAL CONFERENCE on "Frontiers in Chemical Sciences" (IVCFCS-2021)	Dept. of Chem., M.L.S. University, Udaipur (Raj.)	Poster Presented	"A Greener Route For The Synthesis of Pyrimidine Derivatives"	JUNE 25, 2021
9.	International E- Conference on "Recent Advances in Chemical, Physical and Biological Sciences" (RACPBS-2021)	Association of Chemistry Teachers (ACT) & Department of Chem., Nabira Mahavidyalaya, Katol (MH)	Attended	----	JUNE 29-30, 2021

2021-22

NIL

2022-23

10.	2nd SSHA INTERNATIONAL CONFERENCE On "INDIA AFTER 75 YEARS OF INDEPENDENCE: CHANGES AND CHALLENGES"	Government Arts College, Sikar (Raj.) & Social Science and Humanities Association (SSHA)	Paper Presented	प्रतिरक्षा चुनौतियां एवं निवारण के लिए प्रतिकात्मक रणनीतियां: भारत के संदर्भ में	NOVEMBER 25-26, 2022
11.	International Conference On "Environment, Sustainable Development and Human Health"	SRK GOVT. COLLEGE, RAJSAMAND; MP GOVT. COLLEGE, CHITTORGARH & GOVT. SCIENCE COLLEGE, SIKAR (RAJ.)	Paper Presented	"ENVIRONMENTAL TOXICOLOGY AND ITS IMPACT ON HUMAN HEALTH"	DECEMBER 15-16, 2022
12.	International Conference on "Impacts of Environment, Food & Nutrition on Human Health"	International Society for Life Sciences (ISLS), UOR, Jaipur	Paper Presented	"Applications of Nanotechnology in Purification of Polluted Water"	DECEMBER 21-24, 2022

13.	International Conference on “Emerging Challenges, Their Solutions and Recent Advances in Science & Technology” (Scitechcon- 2023)	SOBHASARIA COLLEGE, SIKAR (RAJ.) AND SOBHASARIA GROUP OF INSTITUTION, SIKAR (RAJ.)	Paper Presented	“Environmental Pollution: Causes, Impacts, and Remedial Approaches”	JANUARY 13-14, 2023
14.	International Conference on “Frontiers At The Chemistry-Allied Science Interface”	DEPTT. OF CHEMISTRY, UOR, JAIPUR	Paper Presented	“Ferrite Nano-catalyzed One Pot Multicomponent Synthesis of Dihydropyrimidinones”	APRIL 20-21, 2023
2023-24					
15.	International Conference on “Sustainable Development: Current Scenario and Future Directions”	Govt. College, Karauli (Raj.)	Paper Presented	“Impact of Air Pollution on Human Health”	January 29-30, 2024

NATIONAL LEVEL

2019-20					
1.	National Conference on “Global Research for Sustainable Development: Recent Trends, Challenges and Approaches”	AISHWARYA COLLEGE OF EDUCATION, JODHPUR	Paper Presented	“Green Chemical Approach: Sustainable Chemical Manufacturing based on Biomass”	NOVEMBER 08-09, 2019
2.	National Seminar on “ENVIRONMENT: PROBLEMS,SOLUTIONS & PROSPECTS”	LBS GOVT. COLLEGE, KOTPUTLI	Paper Presented	“Environmental Pollution & its Impact on Human Health”	DECEMBER 13-14, 2019
3.	National Conference on “Environmental Sustainability and Tribal Empowerment” (ESTEM)	Govt. P.G. College, Baran (Raj.)	Paper Presented	“Environmental Impact on Sustainable Development”	JANUARY 03-04, 2020
2020-21					
NIL					
2021-22					
NIL					
2022-23					
NIL					
2023-24					
NIL					

[8] *Resource Person: 01*

S.N.	Names of Event in Which Acted as Resource Person	Event Organized By	Topic of Delivered Lecture	Duration of Event	Lecture Delivered Date
1.	“Two Days Virtual Science Orientation Workshop”	Additional District Project Coordinator (ADPC), Sikar	“Innovations in Agriculture Science”	December 17-18, 2021	December 18, 2021

[9] Research Publications: 05

S.N.	Title of the Paper	Name of Journal with ISSN No.	Volume No. with Year	DOI No.	Impact Factor	Citation
1.	Nanocatalysts: applications for the synthesis of N-containing five membered heterocycles	RSC Advances [ROYAL SOCIETY OF CHEMISTRY]; 2046-2069	12 (30); 2022	https://doi.org/10.1039/d2ra03122a	3.9	RSC Adv., 2022,12, 19640- 19666
2.	Green and Eco-compatible Iron Nanocatalysed Synthesis of Benzimidazole: A Review	SUSTAINABLE CHEMISTRY AND PHARMACY [ELSEVIER]; 2352-5541	31; 2023	https://doi.org/10.1016/j.scp.2022.100932	6	Sustainable Chemistry and Pharmacy, 2023, 31, 100932
3.	Optimization of Catalytic Bromination of Acetophenones using Taguchi Method	CHEMISTRY SELECT [WILEY]; 2365-6549	8 (20); 2023	https://doi.org/10.1002/slct.202204870	2.1	Chemistry Select 2023, 8, e202204870

[10] Research Projects: NIL

S.N.	Title of the Project	Year	Name of funding agency	Fund available/ utilized	Present status
1.	NIL	NIL	NIL	NIL	NIL

[11] Research Supervision: NIL

- *Basic Field of Specialization: Organic Synthesis, Heterocyclic Synthesis, Green Chemistry.*

❖ Ph.D.: NIL

S.N.	Name of Student	Title of Thesis	Present status	Date and Year of Award, if so
1.	NIL	NIL	NIL	NIL

❖ M.Phil.: NIL

S.N.	Name of Student	Title of Dissertation	Present status	Date and Year of Award, if so
1.	NIL	NIL	NIL	NIL

[12] Monograph/Book/Chapters (in Edited Book) Writing:

- *Book: 01*

S.N.	Title of Book	ISBN/ ISSN No.	Publisher with Place	Year of Publication
1.	Inorganic Chemistry, B.Sc. Part-III	978-81-8407-239-8	Jaipur Publishing House (JPH), Jaipur	2021

- *Chapter(s) in Book (Edited/multi-Author): 02*

S.N.	Title of Chapter	Authors/ Editors	Name of the Book with ISBN/ISSN No.	Publisher with Place	Year of Publication
1.	NIL	NIL	NIL	NIL	NIL

[13] Sports Activities: NIL

S.N.	Date	Name and Place of Sports Activity	Level	Organizing Institution	Position Secured/ Winner/Runner-up
1.	NIL	NIL	NIL	NIL	NIL

[14] *Extra-Curricular Activities: NIL*

S.N.	Date	Name of Activity	Level	Organizing Institution	Position Secured
1.	NIL	NIL	NIL	NIL	NIL

[15] *Members in BCS: NIL*

S.N.	Date	Name of Activity	Level	Organizing Institution	Position Secured
1.	NIL	NIL	NIL	NIL	NIL

[16] *Declaration:*

I hereby declare that all the above furnished details are true to the best of my knowledge and belief.

Date: 1st July, 2024

Place: Sikar

Yours Sincerely,



(S. K. Bagaria)