

## **TEACHER PROFILE**

Name : Dr. Kiran Singh  
Designation : Assistant Professor  
Department : Chemistry  
Date of Birth : 21.04.1964  
Address : Flat No. 302, Anand Temple,  
7/115 Swaroop Nagar, Kanpur  
E-mail : dr.kiransingh2020@gmail.com  
Mobile : 7408176270, 9415483751  
Academic Qualification : M.Sc., Ph.D.  
Research Area : Food Proteins and Molasses  
Honour/Award/Fellowship : J.R.F. & S.R.F. from Ministry of Consumer Affairs,  
Food and Public Distribution, Govt. of India.  
Teaching Experience : 26 Years

### **PUBLICATION:**

<b>S. N.</b>	<b>Title of the paper</b>	<b>Name of Journal</b>	<b>ISBN/ISSN No.</b>	<b>Author/Co-author</b>	<b>Month &amp; year published</b>
1.	Studying of foaming in Molassess	Sharkara	-	Author	1990
2.	Foaming in Molassess: Effect of Temperature, Organic & Inorganic Constituents.	Proceedings of XI Joint Convention of STAI & DSTA	-	Author	04-06 Sept. 2015
3.	Influence of Foreign Substances on foaming in Molassess	Proceedings of 103 <sup>rd</sup> Indian Science Congress	-	Author	03-07 Jan. 2016

4.	Studies of Foaming in Molasses	Proceedings of International Conference on Futuristic Materials and Emerging Trends in Chemical Sciences	-	Author	8-10 Feb, 2016
5.	Synthesis & Spectroscopic characterization of Eco-Friendly Barium Sulphate Extender	Academic Social Research (An International Research Journal)	ISSN No.: 2456-2645	Co-Author	06-07 Jan. 2017
6.	The Preparations and Characteristics of Iron Oxide coated Barium Sulfate Extender Pigment	International Journal of Research Thought	ISSN No: 2229-7995	Co-Author	July-2017
7.	Hazard Minimization and Environmental effect of Chemical waste produced in our laboratory	International Journal of Research in Advent Technology	E-ISSN : 2321-9637	Author	March, 2019
8.	Proximate composition and Rampantly Adulteration in local milk samples collected from various part of Kanpur Nagar	International Journal of Forensic Science		Co-Author	July- Dec., 2019

9.	Affect of Nano iron upon Ethanol yield, Yeast Activity and Evaporator condensate Treatment	Jigyasa Vol. XIV (I)	ISSN 2231-2978	Co-Author	2020
10.	FTIR characterization and Physico- Chemical Studies of Honey samples in Kanpur Nagar	Journal of Forensic Chemistry and Toxicology Vol. 8 No.2	R-ISSN 2454-9396 E-ISSN 2455-8311	Co-Author	July-Dec. 2022

**SEMINARS/CONFERENCES ATTENDED:**

S. No.	Subject	Organising Institute	Sponsoring Agency	Duration	Attended / Paper Presented
1.	Molecular Machines	Deptt. of Chemistry, V.S.S.D. College, Kanpur	Indian Chemical Society	31st Dec. 2007	Attended
2.	Environmental Science & Engineering	Deptt. of Chemistry BVPG College, Mandhana, Kanpur	Deptt. of Chemistry Brahmavart P.G. College, Mandhana Kanpur	23 <sup>rd</sup> , Jan 2009	Attended
3.	Contribution of chemistry to the society	Deptt. of Chemistry D.B.S.College, Kanpur	Deptt. of Chemistry D.B.S.College, Kanpur	4th Dec. 2009	Presented

4.	Introduction to green chemistry Education, Theory and Practice	Deptt. of Chemistry V.S.S.D. College, Kanpur	University Grants Commission, New Delhi	22-23 <sup>rd</sup> Oct, 2010	Attended
5.	Multifaceted Scope of chemistry and Human welfare	Deptt. of Chemistry D.B.S. (P.G.) College, Kanpur	U.G.C., New Delhi	22-23 <sup>rd</sup> Jan. 2011	Attended
6.	Current concepts & Frontier Advances in Science Educational Research	Deptt. of Chemistry T.D.P.G. College, Jaunpur	U.G.C. New Delhi	05-06 <sup>th</sup> Mar. 2011	Presented
7.	Science for shaping the future of India	Deptt. of Zoology D.A.V & D.G. College, Kanpur	Indian Science Congress Association, Kanpur Chapter	03-04 <sup>th</sup> Dec., 2012	Attended
8.	XI Joint Convention of STAI & DSTA	STAI & DSTA at GOA, India	STAI & DSTA	04-06 <sup>th</sup> Sept. 2015	Presented
9.	Bio Diversity conservation and Sustainable Development	Deptt. of Botany B.N.D. College, Kanpur	U.G.C. New Delhi	20 <sup>th</sup> Dec. 2016	Poster Presentation

10.	International Conference on Futuristic Materials & Emerging Trends in Chemical Sciences	Deptt. of Chemistry D.B.S. College, Kanpur	DRDO, DST	08-10 <sup>th</sup> Feb., 2016	Oral Presentation
11.	Ganga Pollution: Analysis & Remedies	Deptt. of Chemistry D.A.V.P.G. College, Kanpur	U.G.C. New Delhi	07-08 <sup>th</sup> Oct. 2016	Attended
12.	Global Environment & Sustainable Development: Issues & Challenges	Deptt. of Political Science Government Girls P.G. College Bindki, Fatehpur (U.P.)	Higher Education Deptt. Govt. of Uttar Pradesh	21-22 Jan. 2017	Attended
13.	Emerging Dimensions of Environmental Issues	Faculty of Arts & Science Saraswati Mahila Mahavidyalaya, Kanpur	Saraswati Mahila Mahavidya laya Kanpur	6-7 <sup>th</sup> Jan. 2017	Presented
14.	Science & Technology for New India	Shri Jai Narain P.G. College, Lucknow	Vigyan Parishad & CSIR- National Botanical Research Institute, Kanpur	20 Nov., 2017	Attended
15.	Development & Opportunities in Material Science	Deptt. of Physics D.B.S. College, Kanpur	D.B.S. College, Kanpur	02 Feb, 2019	Attended

16.	Food Chemistry, Processed Food and Toxicology	Deptt. of Chemistry D.A.V. (P.G.) College, Kanpur	Board of Management D.A.V. (P.G.) College, Kanpur	25-26 <sup>th</sup> Sept. 2019	Attended
17.	Application of elements of Periodic Table Natural Sciences	Deptt. of Chemistry Christ Church College, Kanpur	Christ Church College, Kanpur	14-15 <sup>th</sup> Nov. 2019	Attended
18.	Recent Advanced Techniques in Analytical Chemistry	Deptt. of Chemistry D.G.P.G. College, Kanpur	Deptt. of Higher Education, Govt. of Uttar Pradesh	16 & 17 <sup>th</sup> Jan. 2020	Attended
19.	The usages & Application of Reaxys Database	Lovosier's Association Deptt. of Chemistry	S.G.T. University Gurugram, Delhi NCR	12 <sup>th</sup> Feb. 2022	Participated
20.	<b><u>World Conference</u></b> Role of Medicinal chemistry in the current scenario	Jointly organized by National Research Centre, Cario, Egypt University of Groningen, Net island Christ Church College, Kanpur Ass. of Chemistry, North zone, India S.R. Group of Institutions, Lucknow, India	University of Groningen Wiley	3 <sup>rd</sup> -5 <sup>th</sup> July, 2020	Attended

21.	Right to health: Problems & Future Prospects	Deptt. of Law V.S.S.D. College, Kanpur	V.S.S.D. College, Kanpur	19-20 Feb., 2023	Presented
22.	Climate Change & Water Security: Environment & Health Concerns.	B.N.D.P.G. College, Kanpur	C.S.J.M. University, Kanpur	3-4 Nov. 2023	Attended
23.	International Seminar Indian Knowledge system and Neoteric Advancement in Science and Technology	Deptt. of Chemistry & Institution's Innovation Council, C.M.P. Degree College, Prayagraj	In collaboration with UCER Vijanana Parishad & H.N.B.P.G. College, Prayagraj	10 Jan, 2025	Participated
24.	Indian International Science Festival, 2018	Indira Gandhi Pratishthan	Ministry of Science & Technology, Govt. of India & Vijana Bharti	5 <sup>th</sup> -8 <sup>th</sup> Oct., 2018	Participated

**WORKSHOPS ATTENDED:**

S. No.	Subject	Organising Institute	Sponsoring Agency	Duration
1.	Workshop on Green Chemistry	Deptt. of Chemistry ANDNNM College, Kanpur	Deptt. of Chemsitry ANDNNM College, Kanpur	11 <sup>th</sup> Dec. 2009

2.	Science Academics Lecture Workshop on Advances in Bioinorganic & Nano-Chemistry	Deptt. of Chemistry D.B.S. College, Kanpur	Deptt. of Chemistry D.B.S. College, Kanpur	12-13 <sup>th</sup> Nov. 2011
3.	Workshop on Environmental Degradation: Anthropogenic Problem & their prospect	Harsahai P.G. College, Kanpur	Deptt. of Chemistry Harsahai P.G. College, Kanpur	23 <sup>rd</sup> Jan. 2013
4.	Innovative Lab Practices Through green chemistry	Green Chemistry Network Centre Deptt. of Chemistry ANDNNM College, Kanpur	Royal Society of Chemistry Northern Area at Institute of Paramedical Sciences C.S.J.M. University, Kanpur	9 <sup>th</sup> Sept. 2015
5.	Water Infrastructure Management for Performance, Resiliency and Sustainability	I.I.T. Kanpur India Virginia Tech. U.S.A.	I.I.T. Kanpur India & Virginia Tech. U.S.A.	17-18 <sup>th</sup> Dec. 2015
6.	Recent Trends in Nano Science & Technology	Deptt. of Chemistry & Deptt. of Physics Christ Church College, Kanpur	Indian Academy of Sciences Bangalore Indian National Science Academy New Delhi	7-9 <sup>th</sup> Sept. 2017
7	Advanced Analytical Techniques	Harcourt Butler Technical University, Kanpur	TEQIP-III	19-20 Sept. 2018

8	Art of Research Paper writing	Inspire Softech Solution, Chennai-600059	Inspire Softech Solutions	18 <sup>th</sup> -20 <sup>th</sup> Nov. 2023
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**TRAINING PROGRAMME:**

S. No.	Subject	Organising Institute	Sponsoring Agency	Duration	Grade
1.	Guru Dakshta (Op/Faculty Induction Programme)	UGC HRDC Lucknow University	UGC	1st Oct.-31st Oct. 2020	A <sup>+</sup>
2.	Refresher Course on Synthetic Biology (Science Faculty)	Rani Durgawati University, Jabalpur, M.P.	UGC HRDC	25 Jan.-06 Sep. 2021	A <sup>+</sup>
3.	13th Refresher course in Chemistry	Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur	UGC Malaviya Mission Teachers Training Centre	08 <sup>th</sup> -21 <sup>st</sup> Dec. 2023	A <sup>+</sup>

**BOOK CHAPTER:**

- Hindi Book: 21 Sadhi Ka Vikas unमुख Bharat, Ek badlav Ki Pahal.  
Topic: Vartman Nari Sashaktikaran: ISBN : 978-93-88838-48-1. Vol. I PP. 61-61, Swaranjali Publication, Vasundhra Ghaziabad.
- Hindi : Saamriki Aarthik - Vegyanik Evam Takniki Drishti Se Veshvik Mahamari Corona Ka Prabhav  
Topic: Socio Economic Impact of Covid-19 in India ISBN No. 978-81-945473-2-7 Vol. 1, 2020, PP-128-132 Radh Publication.
- Right to health: Problems and Future Prospects.

Topic : The Right to Health of Senior Citizens, ISBN No. 978-93-94870-29-1, OPUS Publisher & Distributors.

4. Health and Hygiene -

Topic: The Science Behind Meditation : How it changes our Body Chemistry: ISBN : 978-620-8-42668-2, Lambert Academic Publishing.

5. Global Environment & Sustainable Development : Topic : Studies on Thermal Properties of Vinyl ester resin Synthesized in Presence of different molecular weight epoxy resin with cresyl glycidal ether. ISBN: 978-93-85420-19-1, Book Publication Lucknow.

**FACULTY DEVELOPMENT PROGRAM/TRAINING PROGRAMME:**

<b>S. No.</b>	<b>Subject</b>	<b>Organising Institute</b>	<b>Sponsoring Agency</b>	<b>Duration</b>
1.	Pedagogy for 21st Century Learners	National Institute of Technical Teachers Training & Research, Kolkata	Ministry of Human Resource Development Government of India.	4 <sup>th</sup> -8 <sup>th</sup> Dec. 2017
2.	Recent Advancement in Food Processing & Preservation	Deptt. of Food Technology School of Chemical Technology, H.B.T.I, Kanpur	TE81P-111, World Bank Project	26-31 <sup>st</sup> August, 2019
3.	Aravali College of Advanced Studies in Education, Pali Fariabad. E- Learning & ICT Tools for Effective Teaching Learning	C.R.S. University, Jind Harayana	Aravali College of Advanced Studies in Education, Pali Fariabad	8-13 June, 2020
4.	Dr. Janak Socio-cultural Educational Society	Bareilly (U.P.) India	Dr. Janak Singh Socio Cultural Educational Society	14-20 June, 2020

5.	Scope of Chemistry in Industries	Association of chemistry Teachers (ACT) & SR Institute of Management Lucknow	ACT & SR Institute of Management	17-24 <sup>th</sup> June, 2020
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**OTHER ACTIVITIES:**

- Administrative experience & member in academic bodies: Appointed as Member for B.Sc. Ist, B.Sc. II<sup>nd</sup> year, III<sup>rd</sup> year & M.Sc. Prev. Admission committee.
- Member in Green Chemistry Seminar Committee - "Introduction on Green Chemistry Education Theory & Practices" University Grants Commission, New Delhi.
- Heart fullness meditation program.
- One day program (Global diabetes walk)
- Seminar on career avenue in aviation sector by pearl air hostess academy.
- One day craft program.
- 10- day workshop-self employment and skill development.
- Essay writing event by Shri Ram Chandra Mission united Nations Information Centre and heartfulness education trust.
- Nari Shakti Jagruti Abhiyan.
- JUDGE the science posters/models in 27<sup>th</sup> District level National Children's Science Congress-2019 CCSC-2019 Organized by National (Council for Science Technology Communication (NCSTC), Department of Science & Technology (DST), Government of India.

- Judge the Science posters/prepared by the students of Juhari Devi Girls Inter College, Kanpur.
- Life time Membership in INDIAN SCIENCE CONGRESS (I.S.C.A.)
- Member in 1090 Women Power Line.
- U.G. & P.G. Evaluation Work of CSJM University, Kanpur (As & When assigned).
- Examiner-ship of Practical Exam of C.S.J.M. University, Kanpur (As & when assigned).
- Approved Research Supervisor from C.S.J.M. University, Kanpur.
- Project Supervisor at Post Graduate Level.
- Member in Chemistry Departmental club committee.
- Member of the college Assistant Superintendent Team of the University examination.