

Dr.(Smt.) Alpa Shrivastava

Assistant Professor (Chemistry)

Indira Gandhi Arts and Commerce PG College Vaishali Nagar
Bhilai (CG)
Email : alpashubhe@yahoo.in.com
Mobile No : 9406306322

Academic Qualification

MSc (Inorganic Chemistry)

Specialization –Inorganic Chemistry

University : Pt.Ravishankar Shukla University Raipur (CG)

Session : 1999

BSc (Bio)

University : Pt.Ravishankar Shukla University Raipur (CG)

Session : 1997

Professional employment

Selection – PSC selection

Date of Joining – 04.12.2014

First Posting : Govt Naveen Mahavidyalaya, Mainpur, Dist: Gariyaband (CG)

Current Posting : Indira Gandhi Govt Arts and Commerce PG College Bhilai since 5th June 2015

Research details

Journal	Title	Year of publication	Impact factor
<i>Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry</i>	A Novel and Facile Oxidation of D-glucose by N-bromophthalimide in the Presence of Chloro-complex of Ruthenium(III)	2010	0.8
<i>Journal of dispersion science and Technology,</i>	Micellar Effect on the oxidation of Norfloxacin by Chloramine-T in acidic medium	2012	1.48
<i>Journal of Molecular</i>	Micelle catalyzed oxidative degradation of norfloxacin by chloramine-T	2012	3.68

<i>Catalysis A: Chemical</i>			
<i>Res Chem Intermed</i>	Oxidation of D-glucose by N-bromophthalimide in the presence of chlorocomplex of iridium(III): kinetic and mechanistic study	2012	1.5
<i>Journal of Saudi Chemical Society</i>	Kinetic and mechanistic investigation of chlorocomplex of Ru(III) and Ir(III) catalyzed oxidation of D-Fructose by N-bromophthalimide in acidic medium	2016	2.75
<i>Environmental Chemistry</i>	Micellar oxidative transformation of ciprofloxacin: A kinetic and mechanistic approach	2017	2.46
<i>Arabian Journal of Chemistry</i>	Mechanistic study of novel oxidation of D-arabinose by N-bromophthalimide in presence, of using micro-amount of chloro-complex of Ru(III) as a homogeneous catalyst	2017	4.92
<i>International journal of Pharmaceutical sciences and research</i>	A review of spectrophotometric determination of antibacterial Norfloxacin	2017	0.42
<i>Asian Journal of Chemistry</i>	Kinetics of micellar effect of non-ionic surfactant on oxidative degradation of ciprofloxacin	2020	0.54

Conferences/Seminar/ workshop

SN	Session	Program Seminar/Workshop	Topic Of Program	Venue	Date	Paper/Poster Presented
1	2009	National Conference "Surfactants, Emulsions and Biocolloids (NATCOSEB-XIV)	Micellar Effect on the oxidation of Norfloxacin by Chloramine-T in acidic medium	University of Kashmir & Indian Society for Surface Science and Technology	14 th , July 2009	Yes OP-18/54
2	2010	47 th Annual Convention of Chemists-2010 & International Conference on Recent Advances in Chemical Sciences	Micelle catalyzed kinetic assessment of the oxidative degradation of Norfloxacin by Chloramine-T	Indian Chemical Society, hosted by School of Studies, RSU, Raipur	23-27 December 2010	Yes PHY(OP)-37

3	2011	National Seminar on Recent Trends in Chemical Sciences and future prospects. Sponsored by UGC-CRO, Bhopal & CCOST	Micelle catalysed oxidative transformation of ciprofloxacin by chloramine-T: A kinetic and mechanistic study	Govt V. Y. T. PG. Autonomous college, Durg	11-12 October 2011	Yes OP-20/26
4	2012	AICON, All India Conference on Integrated Efforts for Sustainable Development & Ecological Resilience.	Cationic micelle catalyzed oxidative transformation of Ciprofloxacin by Chloramine-T: A kinetic and mechanistic study	Chhatrapati Shivaji Institute of technology, Durg	Jan 20-21, 2012	Yes CheA 1220
5	2015	National seminar on Green Chemistry		Bhilai mahila mahavidyalaya	Jan 28-29 2015	No
6	2015	CGCOST sponsored National seminar on "Modern Pioneering Trends of Environmental Management with reference to Waste Management"	Removal of Residual Pharmaceuticals from hospital aqueous effluents	GD Rungta college of Science and Technology Bhilai	Feb 18-19 2015	Yes
7	2015	National seminar Addressing students' communicative and grammatical need in institutions of higher education		Dr. Khoobchand Baghel Govt. PG. colleg Bhilai-3	Feb 9-10 2015	No
8	2015	National seminar on Green Chemistry		Bhilai mahila mahavidyalaya Bhilai	Oct 28-29 2015	No
9	2015	Workshop on Green Chemistry		Govt. V.Y.T.PG. Autonomous	Nov 30 2015	No

		and its future prospects sponsored by UGC		college Durg (C. G.)		
10	2016	International Conference on recent trends in science and Engineering (ICRTSE-2016)	Effect of cationic and anionic micellar aggregates on oxidative transformation of Ciprofloxacin: A kinetic and mechanistic approach	Govt. V.Y.T.PG. Autonomous college Durg (C. G.)	Jan 15-16 2016	Poster presentation
11	2016	National workshop on Innovative learning methods in Animal Sciences: Discouraging Dissection		Govt Indira Gandhi Arts and Commerce PG college Vaishali nagar Bhilai	Dec 8-9 2016	No
12	2017	AICON'17 National conference on Transformation in chemical science	Innovation in Technological tools for Teaching and Research	Chhatrapati Shivaji institute of Technology Durg	April 21-22 2017	Yes
13	2017	National workshop on Emerging trends of Chemicals in human life		Govt. Dr. W. W. Patankar Girls' P.G. college Durg(C.G.)	Feb 06 2017	No
14	2017	National seminar on current development of environmental sciences in Chhattisgarh		Chhattisgarh environment conservation board, Raipur & Bhilai education trust Bhilai	Nov 30 th & 1 st Dec 2017	No
15	2017	राष्ट्रीय संगोष्ठी भारतीय सांस्कृतिक धारा -अनादि से आज तक		Durg Vishwavidyalaya, Durg (C.G.)	Dec 23-24 2017	No
16	2021	National webinar on "कोविड -19 के नियंत्रण एवं राष्ट्र विकास में राष्ट्रवाद एवं जा जागरूकता ""कोविड -19 के नियंत्रण एवं राष्ट्र विकास में राष्ट्रवाद एवं जा जागरूकता"		Indira Gandhi Govt. Arts & Comm. P. G. College, Vaishali Nagar, Bhilai	07 th June 2021	No
17	2021	National Webinar on "Green Energy and Sustainable Development"		Indira Gandhi Govt. Arts & Comm. P. G. College, Vaishali Nagar, Bhilai	15 th May 2021	No

18	2021	A One Day National Webinar On Intellectual Property Rights : Patenting in India		Indira Gandhi Govt. Arts & Comm. P. G. College, Vaishali Nagar, Bhilai	12 th June 2021	No
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Course Details

Refresher/Orientation

Course	Duration	Organizing Authority	Year
Refresher course	21 days (02.07.16 to 22.07.16)	Human resource development center Pt RSU Raipur	2016
Orientation course	28 days (01.11.17 to 28.11.17)	Human resource development center Pt RSU Raipur	2017
Refresher course Annual refresher program in Teaching(ARPIT), online course	6months (February 2020)	National testing agency (Ministry of human resource development)	2020

Others

SN	Session	Nature of Work	Detail of Work	Date
1	2019	Judgement	CCOST sponsored documentary film making competition as part of National Science day celebration 2019	23 Feb 2019
2	2017	Invited Speaker in AICON 17	National Conference on "Transformation in Chemical Science: Application of Computational Tools & Digitization to Resolve Challenges:"	April 21-22' 2017
3	2015	Judgement	छत्तीसगढ़ विज्ञान एवं प्रौद्योगिकी परिषद् रायपुर राज्य स्तरीय बाल विज्ञान कांग्रेस 2015	Nov 07-08 2015
4	2016	Treasurer	National workshop on Innovative Learning methods in Animal Sciences: Discouraging Dissection	8 th & 9 th Dec 2016
5		Reviewer	Synthesis and Reactivity in	Aug 2011

			Inorganic, Metal-Organic, and Nano-Metal Chemistry	
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Program Participation

SN	Session	Date	Program	Organized by
1	2020	22 JULY TO 31 JULY 2020	10 DAYS FACULTY DEVELOPMENT PROGRAM	HEMCHAND YADAV UNIVERSITY, DURG (C.G.) . & GOVT. VISHWANATH YADAV TAMASKAR PG AUTONOMOUS COLLEGE, DURG (C.G.)
2	2021	7th May 2021 to 16th May 2021	10 Days online workshop for college Principals, IQAC coordinators and NAAC coordinators	HEMCHAND YADAV VISHWAVIDYALAYA, DURG (C.G.)
3	2021	05th June 2021 – 11th June 2021	Faculty Development Program MODULES OF SELF DEVELOPMENT	INDIRA GANDHI GOVT ARTS & COMM P G COLLEGE, VAISHALI NAGAR, BHILAI, C.G

SOCIAL WORK /MISCLLENEOUS

SN	Session	Work	Venue	Date
1	2018	Donation of motor pump in Swakchha Bharat summer internship camp	Govt Primary school building Nardhi	19/12/2018