

Curriculum Vitae



Personal Information:

Name: Dr. RIMA DAS
Official Designation: Assistant Professor in Chemistry
Official Address: Department of Chemistry,
Chandidas Mahavidyalaya, Khujutipara, Birbhum
731215
Date of Birth: 09.03.1985

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Academic Information:

Program	Specialization	Institution	Year of completion
Ph.D	Organic Methodology, Catalysis	Indian Institute of Technology Madras, Chennai	2012
M.Sc	Organic Chemistry	University of Burdwan, West Bengal	2007
B.Sc	Chemistry(Hons)	Vivekananda Mahavidyalaya, University of Burdwan, West Bengal	2005
XII	Science	West Bengal Council of Higher Secondary Education	2002
X	Science, Arts	West Bengal Board of Secondary Education	2000

Scholastic Achievements:

- Qualified NET-December 2006 and June-2007 examination (National Eligibility Test; Joint CSIR-UGC junior research fellowship and eligibility for lectureship) under CSIR fellowship scheme
- Qualified GATE-2007 examination (Graduate Aptitude Test in Engineering) (Rank-255, Score-418)
- 1st rank in Organic Chemistry division, M.Sc Part-2, 2007, awarded a Silver medal

Employment Information:

Post	Institution/Organization	Period
Assistant Professor	Global Institute of Technology, Jaipur, Rajasthan	Sept 2012-July 2014
Assistant Professor	Chandidas Mahavidyalaya, Khujutipara , Birbhum	April 2015- till date

Refresher / Orientation Course Attended:

Type of Course	Duration	Organizing Institution
Orientation Programme	18 th July 2018 – 14 th Aug 2018	UGC-HRDC The University of Burdwan
Refresher Course	25 th June 2019 - 8 th July 2019	UGC-HRDC The University of Burdwan

Short-term Courses:

Sl No.	Type of Course	Duration	Organizing Institution
1	Short Term Course	27.06.2016 - 03.07.2016	Department of Chemistry, NIT – Durgapur
2	Short Term Course	26.04.2021-01.05.2021	Department of Chemistry, Kamla Nehru Mahavidyalaya, Nagpur
3	Short Term Course on Research Paper Writing	24.05.21-30 .05.21	UGC-HRDC Gujarat University, Ahmedabad
4	Short Term Course on Value Based Education	04.08.21-10.08.21	UGC-HRDC Aligarh MuslimUniversity, Aligarh
5	Faculty Development Programme on Emerging Areas in Biological and Chemical Sciences	31 st Aug-4 th Sep 2021	Department of Chemistry, Department of Bioscience & IQAC, JIS University, Kolkata
6	Short Term Course on Chemistry of Advanced Materials and their Applications	06.12.21-11.12.21	Maulana Abul Kalam Azad University of Technology(MAKAUT), WB
7	Winter School in Outcome Based Learning & Educational Reforms	07.01.22-20.01.22	UGC-HRDC The University of Burdwan

Paper Publications

Sl.	Type	Title of the Article	Name of the Journal	Publisher	Year, Volume, Page No.	Imp. Fac
1	International	Cu(II)-catalyzed oxidation of sulfides	<i>Tetrahedron Letters</i>	Elsevier (United Kingdom)	2010, 51, 6255-6258	2.37
2	International	Silver Nitrate Catalyzed Oxidation of Sulfides	<i>Synthesis</i>	Thieme (Germany & United States)	2011, 2, 277-280	2.67
3	International	Cu(II) Bromide Catalyzed Oxidation of Aldehydes and Alcohols	<i>Applied Organometallic Chemistry</i>	Wiley	2011, 25 (6), 437-442	3.58
4	International	Silver triflate catalyzed acetylation of alcohols, thiols, phenols and amines	<i>Synthesis</i>	Thieme (Germany & United States)	2011, 10, 1621-1625	2.67
5	International	AgOTf Catalyzed Transesterification of β -ketoesters	<i>Applied Organometallic Chemistry</i>	Wiley	2012, 26, 140-144	3.58
6	International	Iodine-TEMPO as an Efficient Oxidizing Agent for the One-pot Conversion of Alcohol to Amide using FeCl ₃ as Catalyst	<i>Catalysis Communication</i>	Elsevier (United Kingdom)	2012, 26, 48-53	3.61
7	International	AgOTf Catalyzed Hydration of Terminal Alkynes	<i>Applied Organometallic Chemistry</i>	Wiley	2012, 26, 722-726	3.58
8	International	Pd(I) Catalyzed C-C and C-S Coupling of Aryl halides and Thiols with Boronic acids	<i>Tetrahedron Letters</i>	Elsevier (United Kingdom)	2012, 53, 7023-7027	2.37
9	International	Silver nitrate catalyzed <i>N</i> -arylation of amines and <i>O</i> -arylation of phenols and alcohols	<i>Asian Journal of Organic Chemistry</i>	Wiley	2013, 2, 533-536	2.78
10	State level	A Versatile Noble Metal - Silver: Various aspects in our life	<i>INQUEST</i>	Chandidas Mahavidyalaya	2015, ISSN no.2349-5472	--
11	International	Progress in Synthesis	<i>Chemistry</i>	Wiley	2018, 3,	1.81

		of Propargylamine and Its Derivatives by Nanoparticle Catalysis via A3 coupling: A Decade Update.	<i>Select</i>		147-169. (date: 4th Jan 2018)	
12	International	Bioinspired AgNPs: Effective and Recyclable Catalysts towards the One-Pot Synthesis of Hexahydroquiniline Derivatives <i>via</i> Three Component Coupling Reaction	<i>Chemistry Select</i>	Wiley	2021, 6, 4404-4410. (Date: 5 th May 2021)	1.81

Paper Presented in seminars:

Sl.	Topic of the Seminar/ Workshop	Level	Place & Sponsor	Duration	Name of the Paper Presented
1	Chemistry in-House Symposium	National	Department of Chemistry, IIT Madras, India	23 rd August, 2011	AgOTf – an effective Lewis acid catalyst for the transesterification of β -ketoesters
2	Pure and Applied Chemistry International Conference (PACCON – 2012)	International	Department of Chemistry, Chiang Mai University, Thailand	11-13 January, 2012	Iodine-TEMPO as an Efficient Oxidizing Agent for the One-pot Conversion of Alcohol to Amide using FeCl ₃ as Catalyst
3	National Conference on Recent Trends in Research in Chemical Sciences (RTRCS – 2014)	National	Department of Chemistry, Manipal University, Jaipur, Rajasthan, India	21-22 February, 2014	Silver Mediated Catalytic Transformations: An Overview
4	National Seminar on Design, Synthesis, Interactions, Chemical and Biochemical Activities of Different Functional molecules	National	Department of Chemistry, University of Burdwan, West Bengal	04-06 February, 2016.	Highlighting the Chemical and Biological Facts of Miswak: A Tooth Brush Tree
5	National Conference in	National	Department	4-6	New Protection Strategies for

	Recent Development in Chemistry		of Chemistry, NIT Durgapur	October, 2016	Alcohols and Phenols by Group 11 Coinage Metal: Silver
6	UGC Sponsored National Seminar on Women, Politics and developments in India: Issues, Challenges and Prospects	National	Sambhunath College, Labpur, Birbhum, West Bengal	27-28 January, 2017	Emperical Development of India by Women Chemist
7	Recent Trends in Sciences	National	Department of Chemistry, Burdwan Raj College, West Bengal	16 th November, 2018	Green Protocol for Copper Catalyzed Conversion of Aldehydes to Primary Amides
8	Recent Development in Chemistry	National	Department of Chemistry, NIT Durgapur	17-19 December, 2018	A Nanocatalyzed Approach of Amidation of Aldehydes and Alcohols
9	Recent Development in Chemistry	International	Department of Chemistry, NIT Durgapur	03-05 March, 2021	Only participation
10.	Sustainable and Futuristic Materials (SFM-2021)	International	Department of Chemistry, Kamla Nehru Mahavidyalaya, Nagpur	29-30 Nov, 2021	Only participation

Participation in Seminars/Workshops:

Sl.	Topic of the Seminar/ Workshop	Level	Place & Sponsor	Duration
1.	Steps Towards Life:Chemistry	International	Department of Chemistry, School of Basic &	29.05.2020

			Applied Sciences, Adamas University	
2.	Empowering pharmacists for next generation: To improve health and wellness	International	Society of Pharmaceutical Education & Research(SPER)	30-31 May, 2020
3.	Living on the Edge with COVID-19	National	Triveni Devi Bhalotia College, Raniganj, WB	04.06.2020
4.	Nutrition & Diet Perspective: COVID 19 Pandemic Scenario	National	Asansol Girls College, West Burdwan, WB	06.06.2020
5.	Covid-19: Overview of the Disease and general Safety Measures	State	Department of Physiology & IQAC, Surendranath College, Kolkata, WB	15.06.2020
6.	Work-life balance & Happiness	National	Munger University, Bihar & Sri Sri University Cuttack, Odisha	16.06.2020
7.	Recent Treands in Chemical Sciences:Basics, Applications and Prospects	National	Department of Chemistry & IQAC, Narasinha Dutta College, Howrah, WB	18.06.2020
8.	New Horizons of Chemistry	International	Department of Chemistry, Bidhan Chandra College, Asansol, W.B	19.06.2020
9.	Vedic & Ayurvedic sources of Disease and cure for Human Welfare	National	Department of Sanskrit, Chandidas Mahavidyalaya & SFS Mahavidyalaya Birbhum, WB	20.06.2020
10.	Current Trends in Chemical Research and their Corelation with UG Courses	National	Department of Chemistry & IQAC, Basirhat College,North 24 Parganas, WB	23.06.2020
11.	Challenges in Higher Education in the Post-Pandemic Era	International	Burdwan Raj College,	25-28 June, 2020

			Burdwan, WB	
12.	Scope of Virtual Labs in UG Physics and Chemistry Teaching	National	Department of Physics, Chemistry & IQAC, Sarojini Naidu College for Women, Kolkata, WB	30.06.2020
13.	Perception on Environmental Planning and Management	State	Department of Geography, Chandidas Mahavidyalaya, Birbhum, WB	07.07.2020
14.	Recent Prospects in Chemistry	National	Department of Chemistry, Ramkrishna Mission Vivekananda Centenary College, Rahara, Kolkata, WB	10.07.2020
15.	Recent Advances in Chemistry	International	Department of Chemistry & IQAC, Vivekananda Mahavidyalaya, Burdwan, WB	15.07.2020
16.	COVID-19: The Biggest Threat to Human Civilization and Medical Science	International	Netaji Mahavidyalaya, Arambagh, Hooghly, WB	18,19 July, 2020
17.	COVID-19 and its Impact in India	International	IQAC, Chandidas Mahavidyalaya, Birbhum, & IQAC Ananda Chandra College, Jalpaiguri, WB	21-27 July, 2020
18.	Effect of Donor Atom in Chemistry	National	Department of Chemistry, Balagahr, Bijoykrishna Mahavidyalaya, Hooghly, WB	26.07.2020
19.	Modern Era Scientific Research and Medical Ethics to Combat Corona Pandemic	National	Department of Chemistry, Department of Zoology & IQAC, Jangipur College, Murshidabad, WB	28.07.2020

20.	Material Science Research and the Recent Trends	International	Department of Physics, Balagahr, Bijoykrishna Mahavidyalaya, Hooghly, WB	28.07.2020
21.	Scientific Approaches Towards COVID-19 Pandemic	National	IQAC & Science Departments of Chandidas Mahavidyalaya, Birbhum, WB	02.08.2020
22.	COVID-19: Molecular Aspects and its possible Managements	State	Department of Zoology, Department of Botany & IQAC, Kalna College, Burdwan, WB	7,8 August, 2020
23.	Emerging Smart Materials in Applied Chemistry (ESMAC-2020)	International	Department of Chemistry, KIIT, Bhubaneswar, India	10-12 August, 2020
24.	Recent Trends and Developments in Chemistry	National	Department of Chemistry & IQAC, Kalna college	10.09.2020
25.	Recent Trends in Scientific, Engineering and Industrial Research and Environmental Concern	International	Department of Chemistry, Bolpur College, Birbhum, WB	30.09.2020
26.	Leave Rules and Health Schemes For College Teachers In West Bengal	State	Panihati Mahavidyalaya, Sodepur, Kolkata, WB	04.10.2020
27.	Energy for a Sustainable Future	International	Department of Chemistry & IQAC, Karimpur Pannadevi College, Karimpur, Nadia, WB	08.10.2020
28.	International E-workshop to Mark the Celebration of International Day of Yoga-2021	International	Department of Physical Education & University Sports Committee	15 th -21 st June, 2021
29.	Whither Humanity: Environment Challenges, Pandemics and the Search for a Better Tomorrow	National	Abhedananda Mahavidyalaya & IQAC, Sainthia, Birbhum, WB	05. 06. 2021

30.	Self & Other	National	Department of Philosophy, Chandidas Mahavidyalaya, Birbhum, WB	07. 06. 2021
31.	Chem Careers India	International	Royal Society of Chemistry	13.12.21
32.	Ethics in Education	National	UGC-HRDC, Gujarat University, Ahmedabad	16.12.21
33.	Climate Change	National	UGC-HRDC, Gujarat University, Ahmedabad	17.12.21
34.	Data Analysis	National	UGC-HRDC, Gujarat University, Ahmedabad	21.12.21
35.	Research Methodology	National	UGC-HRDC, Gujarat University, Ahmedabad	23.12.21

Administrative Responsibilities:

Sl.	Duty Assigned	Date
1	Examiner in Chemistry P-I for the B.Sc Part-I(Genl.) Examination-2015	18.09.2015
2	Examiner in Chemistry P-II for the B.Sc Part-2(Genl.) Examination-2015	19.11.2015
3	Examiner in Chemistry P-I for the B.Sc Part-I(Genl.) Examination-2016	08.08.2016
4	Examiner in Chemistry P-II for the B.Sc Part-2(Genl.) Examination-2016	23.09.2016
5	External Examiner for conducting the degree SEM-I Honours Practical Examination -2017 in Chemistry CC-1 at Dr. B.N.D.S. Mahavidyalaya, Hatgobindopur	07.02.2018
6	Examiner in Chemistry GE-I for the B.Sc SEM-I Genl. Examination - 2017	06.06.2018
7	Examiner in Chemistry for the B.Sc Part-2(Genl.) Examination-2018	02.11.2018
8	Examiner in Chemistry for the B.Sc SEM-I Genl. Examination -2018	27.02.2019
9	External Examiner for conducting SEM-I Honours Practical Examination -2018 in Chemistry CC-1 at Dr. B.N.D.S. Mahavidyalaya, Hatgobindopur.	05.02.2019
10	External Examiner for conducting SEM-III Honours Practical Examination -2018 in Chemistry CC-5, 6,7 at M.U.C. Women's college, Burdwan	05.03.2019
11	Examiner in Chemistry CC-7 for the B.Sc SEM-III Honours Examination -2018	26.03.2019
12	Examiner in Chemistry GE-3/CC-1C for the B.Sc SEM-III(Genl.) Examination -2018	09.04.2019

13	Examiner in Chemistry GE-4/CC-1D for the B.Sc SEM-IV(Genl.) Examination -2019	15.11.2019
14	Examiner in Chemistry P-2 for B.Sc Part-2(Genl.) Examination -2019	27.12.2019
15	External Examiner for conducting B.Sc SEM-I Honours Practical Examination -2019 in Chemistry paper CC-1 and CC-2 at Dr. B.N.D.S. Mahavidyalaya, Hatgobindopur.	04.02.2020- 07.02.2020
16	Examiner in Chemistry CC-IA/GE-I for the B.Sc SEM-I(Genl.) Examination -2019	10.02.2020
17	External Examiner for conducting B.Sc SEM-III Honours Practical Examination -2019 in Chemistry paper CC-5,6,7 at M.U.C. Women's college , Burdwan.	02.03.2020- 07.03.2020
18	Examiner in Chemistry for UG CBCS SEM-I, III and V Examination-2020	27.02.2021

Contribution and Performance at a Glance:

Publication	Resource person	Paper presentation	Participation	OP/RC Course	STC	Research Project
12	--	08	35	02	07	--