

FACULTYPROFILE

NAME:DR.MADHURANISHUKLA

**INSTITUTION:SHRIKULESHWARMAHADEVGOVT.
COLLEGE, GOBRA NAWAPARA, DIST-RAIPUR**

**DATEOFFIRSTAPPOINTMENT: 20/11/2012
(INHIGHEREDUCATION)**

**DATEOFFIRSTJOINING:20/11/ 2012
(INSKMG)**

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DR.MADHURANI

ASST. PROFESSOR

CHEMISTRY

QUALIFICATIONS:

	Subject/Titlefor PhD	Year	From(University)
Graduation	BiologyGroup	1991	Pt.RavishankarshuklaUniversity Raipur, C.G.
Post- Graduation	Chemistry	1993	Pt.RavishankarshuklaUniversity Raipur, C.G.
PhD	Chemistry	Feb.2019	Pt.RavishankarshuklaUniversity Raipur, C.G.
MPSLET	Chemistry	Nov1999	CGVYAPAM

AWARDS:

1. HSSCwith80.1%%(Position in Merit list, National Scholarship obtained)
2. B.ScWith70.33%.(7th position in merit list, Obtained national Scholarship)
3. M.ScWith65%(6th position in merit)
4. BEd with71%

COURSES TAUGHT: Chemistry undergraduate course (BSc)

Chemistry postgraduate course (M.Sc.)

ADDITIONAL RESPONSIBILITIES: InCharge Principal From 26 March 2025 till Now, Head of Department Chemistry, Patron of all Committee.

PUBLISHED PAPERS:

(Original research papers)

1. Microwave supported Spectrophotometric determination of copper in environmental samples, Paper published in *J. Indian Chem. Soc.*, Vol. 94 August 2017, pp. 927-932.
2. Detection of Hydroxylamine in water Effluent of Paper Recycling Industry, Paper published in *Journal of Chemistry and Chemical Sciences*, ISSN 2229-760X (Print), 2319-7625 (online), Vol.8(3), March 2018, pp.383-389.
3. A simple and low cost spectrophotometric method for the determination of hydrazine with methyl red-iodate system, Paper published in *Journal of Ravishankar University, Part (B) Science*, Vol. 30 (1&2), pp. 1-6 (2017).
4. Quantification of Pyrethroid Residue in Food, Agricultural and Biological Samples, Paper published in *Asian Journal of Chemistry*, Vol.30 (7), pp.1546- 1550, 2018.
5. Determination of Methyl Viologen in Food, Agricultural and Biological samples by using spectrophotometer, Paper accepted in *Research Journal of Chemistry and Environment* Manuscript ID RJCE-2018-0011 01 May 2018.
6. Pesticides: 'A Threat to Mankind' Paper published in *Proceeding* for (ISBN 978-93-86071-81-1) "National Seminar on Environmental Problems and Sustainable Development: Issues and Challenges" held on 19-20 Jan. 2016.
7. Assessment of Fenvalerate Pesticide in Environmental Samples paper published in *Proceeding* for (ISBN 978-93-85525-50-6) "National conference On Emerging Trends In Engineering Technology And Management - NCETETM" held on 12-13 Feb 2019.

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Paper Present

(Conference/symposium papers)

1. Pesticides: Benefits and Problems associated with use of pesticides. Paper presented (oral) in “**National Workshop** on Food Pesticides and Consequent Health Hazards”, at Dr. Radhabai Govt. Naveen Kanya Mahavidyalaya, Raipur, Department of Home Science & Chemistry, 8 Aug’ 2015.
2. Pesticides: A Threat to mankind, Paper presented (oral) in “**National Seminar** on Environmental Problems and Sustainable Development: Issues and Challenges” at Govt. Rajeev Lochan College Rajim, Distt- Gariaband, Department of Botany, 19-20 January 2016.
3. Spectrophotometric Determination of trace amount of Paraquat Herbicide in Environmental Samples. Paper presented (oral AO-08) in “**35th Annual Conference of the INDIAN COUNCIL OF CHEMISTS**” at Haribhai V. Desai College, Pune, Dec. 22-24, 2016.
4. Impact of Pesticides on Human health. Paper presented (oral) in “**National Conference** on Soil quality & Public Health (SQPH)” at Govt. Digvijay autonomous P.G. College, Rajnandgoan, Department of Chemistry, Jan. 17-18, 2017.
5. Pollution and waste management. Paper presented (oral) in **National Seminar** on “Advances in Environmental Science & Technology” at Govt. Digvijay autonomous P.G. College, Rajnandgoan, Department of Botany, Jan. 23-24, 2017.
6. An easy Spectrophotometric method for the Determination of Hydroxylamine with Methyl Red-Iodate System. Paper presented as Poster (PP-46) in “UGC-SAP (DRS-II), **National Conference** on Advances in Environmental & Chemical Sciences” Pt. Ravishankar Shukla University, Raipur, SOS in Chemistry, March 17-18, 2017.
7. Pollution due to use of Pesticides. Paper presented (oral) in “**National Seminar** on Environmental Conservation and Sustainable Development in Chhattisgarh” at Govt. Kavyopadhyay Hiralal College, Abhanpur, Raipur, Department of Chemistry

and Botany, Jan. 16-17, 2018.

8. Quantification of Pyrethroid Residue in Food and Biological Samples, Paper presented as Poster in “22nd CRSI **National Symposium** in Chemistry” Pt. Ravishankar Shukla University, Raipur, SOS in Chemistry, Feb. 2-4, 2018.
9. Detection of Methyl Viologen in various Food and Agricultural samples, Paper presented as Poster in “UGC-SAP (DRS-II), 2nd **National Conference** on Advances in Environmental & Chemical Science” Pt. Ravishankar Shukla University, Raipur, SOS in Chemistry, March 22-23, 2018.
10. Impact of pesticides on Soil and groundwater in vegetable producing areas in Rajim, Dist-Gariaband, C.G., Paper presented as Oral (OP-19) in **Multidisciplinary National Conference** IESTS-2019, in Seth Phool Chand Agrawal Smriti Post Graduate College, Nawapara- Rajim, January 28-30, 2019.
11. Toxicants due to contamination of Hydroxylamine, Paper presented as Poster in “56th Annual convention of Chemists 2019 & **International Conference** on Recent Trends in Chemical Sciences”, Pt. Ravishankar Shukla University, Raipur, SOS in Chemistry, November 14-16, 2019.
12. Detection of Methyl Viologen in agricultural Samples (PP-34), Paper presented as Poster in “**International Conference** on Material for Environment (ICME-2020)”, Govt. V.Y.T.PG. Autonomous College, Durg (CG), India, January 24-25, 2020.
13. Paper presented as Poster in “**International E-Conference** on Sustainable and Futuristic Materials (SFM-2021), Kamla Nehru Mahavidyalaya, Nagpur, November 29-30, 2021.
14. Contamination of Hydroxyl amine in water effluent of paper recycling industry in Raipur district (PP-12), paper presented as poster in “**National conference** on Advances in Chemical and Environmental Sciences” SOS in Chemistry, PRSU, Raipur, December 9-10, 2022.
15. Chemical Pesticides and Human health (G-50), Paper presented in multidisciplinary “ **National seminar** on Benchmarking Excellence in Research & innovation” Gurukul Mahila Mahavidyalaya, Raipur, C.G. July 21-22, 2023.

16. Role of Chemistry in Sustainability, paper presented as poster in “**National seminar** on Environmental Management For Sustainable Development" Govt. Rajeevlochan P.G. College, Rajim, C.G. November 6-8, 2025.

17. Hydroxylamine Contamination in water of paper recycling industry in Gram Dulna Nawapara paper presented in “**National conference** on Exploring Interdisciplinary Pathways in Science, Innovation and Sustainability" Govt. Nagarjuna PG College of Science, Raipur, C.G. March 24-25, 2026.

INSTITUTIONS WORKED IN: SHRIKULESHWAR MAHADEV GOVT. COLLEGE, GOBRA NAWAPARA, DIST-RAIPUR

OTHER APPOINTMENTS/ACHIEVEMENTS:

Reviewer: Oriental Journal of Chemistry (2021 till date)

South Asian Journal of Parasitology (2022)

Current Journal of Applied Science and Technology (2024)

SEMINARS/CONFERENCES CHAIRED:

National seminar on Environmental Management For Sustainable Development" Govt. Rajeevlochan P.G. College, Rajim, C.G. November 6-8, 2025.

RESOURCE PERSON IN SEMINAR/WORKSHOP/CONFERENCE:

Guest Lecture

1. “Disposal of waste chemicals” Value added course; Govt. Kavyopadhyay Hiralal College, Abhanpur on 24 September 2020.
2. “Stereochemistry” Sant Guru Ghasidas Govt. P.G. College, Kurud Dist- Dhamtari C.G. on 20 January 2022.
3. “Safe disposal of various chemical waste” Govt. Kavyopadhyay Hiralal College, Abhanpur on 09 November 2022.
4. “Water Analysis” formal lecture in Sant Guru Ghasidas Govt. P.G. College, Kurud Dist- Dhamtari C.G. on 30-11-2022.

5. "HighpressureliquidChromatography(HPLC)"Valueaddedcourse;
Govt. Kavyopadhyay Hiralal College, Abhanpur on 18 January 2023.
6. "LaboratorySafty",GuestlectureinGovt.CollegeMagarloadDist.-
Dhamtari, C.G. on 2025.

PAPERPRESENTEDINSEMINAR/CONFERENCES(NO.):

NATIONAL :14

INTERNATIONAL : 03

FDP/INDUCTION/RFRESHERCOURSEATTENDED:

SPECIAL SUMMER SCHOOL - 01

RFRESHERCOURSEATTENDED-03

ORIENTATION PROGRAM -01

NEP2020ORIENTATIONANDSENSITIZATIONPROGRAMME-01 SHORT

TERM PROGRAM -01

FACULTYDEVELOPMENTPROGRAM -02

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E-RESOURCES/MOOCSCOURSESDEVELOPED:Nil

