

CURRICULUM - VITAE



Name : Dr. RAJEEVA GUHEY

Present Status : Professor,
Department of **Geology**
Govt. NPG College of Science,
Raipur (Chhattisgarh), INDIA

Field of Specialization : **SEDIMENTOLOGY AND HYDROGEOLOGY**

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RAVIGRAM, RAIPUR (C.G.) 492-006
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Academic Qualifications :

- Ph.D. in Applied Geology, Research Centre, Govt. Engineering College, Degree from Pt. R.S. University on the topic **"Genesis and Environment of deposition of Raipur limestone of Raipur Group, around Nandini, Durg District M.P"**. in 1993.
- M.Tech. in Applied Geology (1984), **68% (First division)** from Government Engineering College, Raipur.
- B.Sc. in Botany, Chemistry and Geology (1981), **62% (First division)** from Govt. Model College of Science, (Ravishankar Shukla University) Raipur.

- H.S.S.C. Examination Bio Group (1978), **69.1% (First division)**

Administrative/Professional Experience:

- Assistant Professor in Department of Geology, Government N.P.G. College of Science, Raipur (Chhattisgarh) from 11nd September 2012 **to till the date.**
- **Promoted as Professor in 2006 by the order of Higher Education CG Govt.**
- **In-Charge Principal, Govt. Naveen Mahavidyalaya Birgaon,** (By the order of Principal, Govt. NPG Science College, Raipur) 15nd June 2017 to 30th Aug. 2017.
- **IQAC coordinator,** from 2012 to 2014.
- **Coordinator, Vigyan Club,** Govt. NPG College from 2012 to till date.
- **Nominated as V.C. Nominee for Board of studies.**

Details of Professional Training and Research Experience:

- Practical training at Dallirajhara Iron Ore Deposits as a part of M.Tech. Dissertation on **“Geology, Exploration of Dalli-Rajhara Group of Mines, District Bastar, Chhattisgarh”**
- **Principal Investigator** of various Research Projects funded by MAPCOST, DST, UGC, CGCOST etc.

Merit, Scholarship and Awards:

- Fifth position in the merit list of M.Tech (Applied Geology).
- Awarded technical merit scholarship during the tenure of M. Tech. by Madhya Pradesh Board of Technical Education, Bhopal (M.P.).
- Recipient of **Young Scientist’s Award in 7th Young Scientist’s Congress sponsored by MPCST, Bhopal** organized by Devi Ahilya University, Indore in 1992.

A. Research publications

Citation Index, h-index, i10-index (Google Scholar My Citation)

	All	Since 2015
<u>Citations</u>	73	37
<u>h-index</u>	3	3
<u>i10-index</u>	2	1

National

1. Stromatolites of Rehatikhol, Chuipali formations of Singhora Group, Chhattisgarh supergroup: Its implications on Palaeoenvironmental condition and age.
Rajeeva Guhey, Department of Geology, Govt. Science College, Raipur
Journal of Indian Association of Sedimentologist 32 (1-2), pp 51-57 (2013).
2. Assessment of Groundwater Quality, with special reference to Fluoride Contamination in Bhopalpatnam Block, District Bijapur, Chhattisgarh, India
K Munna, **R Guhey**, DC Jhariya.
IRA Institute of Research Advances. 5 (2), pp 74-84 (2016)
3. Geochemical characteristics of Proterozoic Carbonate Lithofacies of Indravati Basin, Chhattisgarh, Central India: Implication of depositional and diagenetic history
Rajeeva Guhey and Mahender Kotha
Journal of Indian Association of Sedimentologists Volume 34 (1-2) pp 39-57 (2017)
4. Fluoride contamination in Groundwater around Bhopalpatnam Area, District Bijapur: Adverse effect on Human Health
Korsa Munna and **Rajeeva Guhey**
Journal of Pt Ravishankar University Volume 30 (1&2) ISSN 0970-5910 pp 90-101 2017
5. **Hydrogeochemistry of High fluoride groundwater to understand the suitability of groundwater for drinking and irrigation purpose in granulite belt, parts of Bhopalpatnam area.**
K Munna, R Guhey & D.C. Jharia,
Journal of the Geological Society of India, Volume 94 (3) 309-318. 2019
6. **Mechanism of fluoride enrichment in Groundwater of Hard rock terrain in Bhopalpatnam area, Bijapur District, Chhattisgarh India.**
K. Munna, R. Guhey & N. Vishwakarma,
Journal of Applied Geochemistry, Volume 22 (1) 72-85. 2020

International Paper in Journal

1. New U-Pb SHRIMP zircon ages of the dhamdha tuff in the mesoproterozoic Chhattisgarh Basin, peninsular India: Stratigraphic implications and significance of a 1-Ga thermal-magmatic event
P.C. Bickford, M.E. Basu A, Mukherjee A, Hietpas, J, Rajeeva Guhey
Journal of Geology 119 (5), 535-548 2011
2. C-isotope composition of carbonates from Indravati Basin, India: Implications for regional stratigraphic correlation
A Maheshwari, AN Sial, R Guhey, VP Ferreira, **Gondwana Research, Vol 8 (4), 603-610. 2005.**
3. Impact analysis of Rainwater Harvesting and artificial recharge on Karstic Chandi Limestone Aquifer of Boriakhurd Micro Watershed, Raipur, Chhattisgarh.
Rajeeva Guhey and Arunangshu Mukherjee
International Journal of Earth Sciences and Engineering, 276-281, 2012

International Book Chapter:

4. Meso-Neoproterozoic Stromatolites from the Indravati and Chhattisgarh Basins Central India.
Guhey, Rajeeva Sinha, Deepima Tiwari V.C. ISBN No 978-94-007-0396-4
In Book Stromatolites: Interaction of Microbes with sediments: Cellular Origin, Life ...Springer Publication, pp 21-42, 2011

National

5. Dolomitisation in Neoproterozoic Jagdalpur Carbonate formation, Indravati Group, Chhattisgarh, Central India.
Rajeeva Guhey, **Jour. Research Fronts, Vol 1, 33-40 ISSN: 2250-2653 Govt. Digvijay College, Rajnandgaon, 2011**
6. Neoproterozoic Carbonate Microfacies of Kanger and Jagdalpur Formation, Indravati Group, Chhattisgarh India.
Rajeeva Guhey & P Thakur **Association of Petroleum Geologists Bulletin 2007 Vol 1 (01), 221-228**
7. Morphology and Palaeoenvironment of Stromatolites from Neoproterozoic Indravati Basin, Chhattisgarh. Rajeeva Guhey & Deepima Sinha
Journal of Indian Association of Sedimentologists 2007 23 (1-2), 55-60
8. Proterozoic Carbonate microfacies of Chandi Formation. Chhattisgarh Supergroup CG
Rajeeva Guhey, Department of Geology, Govt. N.P.G College of Science
Recent Researches in Economic Geology Vol.2 pp 63-69 (2004) In: Precambrian Geology and mineral wealth of Central India, Edited by Dr

V.K. Khanna, South Asian Association of Economic Geologist, Hindustan Publishing Company.

9. Standard Microfacies (SMF) types of Proterozoic Carbonate Chandi Formation, Raipur Group, Chhattisgarh Supergroup: Implication on its Depositional Environment
Rajeeva Guhey and P Thakur
Proceedings of 1st APG Conference on “Strategic Challenges and Paradigm Shift in Hydrocarbon Exploration, Mussourie, H.P. 2002
10. National Seminar on Recent Advances in the Proterozoic Basins of India: A Report
R Guhey
JOURNAL-GEOLOGICAL SOCIETY OF INDIA 55 (5), 573-573, 2000
11. Geochemical behaviour of Chandi limestone formation Raipur Group, Chhattisgarh Supergroup, Durg District, MP.
R. Guhey, N.P. Wadhwa & MWY Khan
Journal of Ravishankar University, Raipur 10 (B), 37-48 1996
12. Indicators of potential zones of high grade limestone and dolomite in Chandi limestone of Raipur Group, Nandini area, Madhya Pradesh
R. Guhey, N.P. Wadhwa & MWY Khan
Journal of Ravishankar University, Raipur 10 (B), 49-62 1996
13. Lithostratigraphy, Microfacies and depositional environment of Proterozoic Chandi limestone Raipur Group, Durg District MP .
Rajeeva Guhey & N P Wadhwa
Journal of Indian Association of Sedimentologists, Vol 14 (1995) 27-33,
14. Stromatolites from Raipur limestones of raipur Group around Nandini, Durg District M.P.
Rajeeva Guhey & N P Wadhwa
Indian Journal of Earth Sciences, 20 (1-2), 42-49 1993
15. Microfacies, Geochemical behavior of elements in Proterozoic carbonate Chandi Formation, Chhattisgarh Supergroup, Central Chhattisgarh Basin (C.G.)
Proceedings of National Seminar on
Recent researches on the Proterozoic Basins of India 2002-2003 ISBN No. 81-900362-5 4

Seminars Organized:

- Organized UGC sponsored two days National Seminar on “Recent Researches on Proterozoic Basins of India”, Department of Geology, Govt Science College, Raipur 30-31 March 1999.

Research Guidance:

Ph. D.

The following research scholars have awarded/ thesis submitted / pursuing Ph.D. research under my guidance:

- 1. Ku. Deepima Sinha awarded PhD in 2009**
- 2. Mr Korsa Munna submitted Ph.D. thesis in July 2018.**
- 3. Mr. Priyadarshan Sham Ganveer RDC done.**
- 4. Mr Chiranjiv Jangde pursuing PhD course work.**

M.Sc.

- Field excursion tour of M.Sc. Sem II students to Nandini limestone and Kawardha Bauxite deposits during 2014.
- Field excursion tour of M.Sc. Sem II students to Singhora Basin and Sonakhan deposits during 2015.
- On- Geology and Preparation of mining plan of Raipur and Bilaspur area by M.Sc.II nd year students in 1016.
- Geological Field excursion tour of M.Sc. Sem II students to Kawardha Bauxite and Iklama Iron deposits during 2017.
- Geological Field excursion tour of M.Sc. Sem II students to Kawardha Bauxite and Iklama Iron deposits during 2018.
- Geological Field excursion tour of M.Sc. Sem II students with Geological Survey of India, for ten days during Feb- March 2019.

Refresher/ Orientation / Training Courses Attended

- Attended four Orientation and Refresher Courses from various Academic Staff Colleges like, H.S. Gour University, Sagar, Indian School of Mines (ISM), Dhanbad (Jharkhand), Aligarh Muslim University and M.S. University, Vadodara (Guj.)
- Attended Short Term Course on **Remote Sensing and Geographical**

Information System (GIS), from Indian Institute of Remote Sensing, Dehradun in 1994.

Consultancy and Research Project:

S.NO	TOPIC OF PROJECT	FUNDING AGENCY	YEAR
1	IDENTIFICATION & DIAGNOSTIC PROPERTIES OF CEMENT GRADE	M.P.C.S.T	1992-94
LIMESTONE AROUND NANDINI DIST, DURG, M.P			
2	LITHOSTRATIGRAPHY, BIOSTRATIGRAPHY & GEOCHEMISTRY OF CHANDI LIMESTONE FORMATION, CHHATTISGARH SUPER GROUP CENTRAL C.G , BASIN M.P	D.S.T	1995-98
3	LITHOFACIES MICROFACIES & GEOCHEMISTRY OF PROTEROZOIC CARBONATE SEQUENCE OF INDRAVATI BASIN, BASTAR, C.G	CGCOST, RAIPUR, CENTRAL INDIA	2003-04
4	PROTEROZOIC COLUMNAR STROMATOLITES FROM JAGDALPUR FORMATION, INDRAVATI GROUP, BASTAR, C.G	U.G.C	2004-06
5	PROTEROZOIC COLUMNAR STROMATOLITES FROM REHATIKHOL FORMATION, SINGHORA GROUP, C.G SUPER GROUP	U.G.C	2008-10

Memberships of Professional Societies:

- Life Member of South Asian Association of Economic Geologists (SAAEG)

India Chapter.

- Life member of Indian Association of Sedimentologists.
- Fellow of Geological Society of India (JGSI), Bangalore, India.

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