

DATA SHEET FOR RESEARCH SCHOLARS



1. Name of the Scholar: Sonu Malua
2. Gender: Male
3. Department: P.G. Department of Earth Sciences
4. Designation: JRF SRF Any Other
5. Permanent Address: Dhaurada, Lanjiberna, Kutra, Sndargarh, Odisha, 770023
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7. Email ID: smalua7@gmail.com
8. Contact Number: 7609950470
9. Funding Agency: UGC.
10. Date of commencement of Fellowship: 12/08/2017
11. Period of Fellowship: Five Years
12. Title of Research Work: "HYDROGEOCHEMICAL INVESTIGATION OF KESINGA AND NARLA BLOCKS OF KALAHANDI DISTRICT, ODISHA, INDIA WITH REFERENCE TO FLUORIDE TOXICITY"
13. Name of the Guide: Prof. Nandita Mahanta
14. Registration Number: 43/2021/Geology
15. A Brief Abstract of your Research Work (Within 200 words):
16. My present research work is aimed at assessing the water quality index for the ground water samples and mapping of groundwater potential zones of Kesinga and Narla blocks of Kalahandi district, Odisha. The intake of poor and degraded water by the people in these areas has led to cholera and diarrhea in many parts of the study area. One such problem is fluoride toxicity. Since ingestion of high fluoride has a long term effect on human health, it is essential to monitor its concentration in ground water used for drinking periodically and take steps to bring them within the permissible range of 1 to 1.5mg/l. The proposed Ph.D research work will comprise a detailed account of geochemical assesment of groundwater quality of Kesinga and Narala blocks for drinking, agriculture and industrial purpose.
17. Status of Research Work:
 - a) Writing the Synopsis
 - b) Review of Literature
 - c) Data Collection
 - d) Data Analysis
 - e) Writing the Draft Thesis

18. Do you have your profile in the following research networks?

- a) Google Scholar
- b) Research Gate
- c) Academia

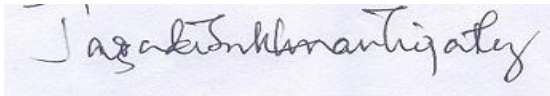
19. Do you access the following e-resources subscribed by the university

- a) E-sodh Sindhu from INFLIBNET
- b) ProQuest

20. Number of Papers published in referred journals with ISSN: 01(ISSN-2349-5162)

21. Mention any two of your best publications in APA standard:

- a) Nandita Mahanta, Sonu Malua, Premeagar Mahanta. PHYSICO-CHEMICAL CHARACTERIZATION OF GROUNDWATER AROUND KATANG PANCHAYAT, SUNDARGARH DISTRICT, ODISHA, INDIA 14(2), 211-222.



Countersigned by the Head



Signature of the Research Scholar