

Dr.KorsaMunna

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Nationality: Indian



Educational Qualifications

Course	Subjects/Specialization	Board/University	Year
Ph.D.	Geology	Pt.RavishankarShuklaUniversity, Raipur (C.G.)	2019
M.Sc.	Geology	Pt.RavishankarShuklaUniversity, Raipur (C.G.)	2012
B.Sc.	Physics,Mathematics,Geology&FC	Pt.RavishankarShuklaUniversity, Raipur (C.G.)	2009
12 th	Physics,Chemistry,Mathematics, English & Hindi	CentralBoardofSecondary Education	2006
10 th	Mathematics, Science, Social Science,Hindi,English&Sanskrit	CentralBoardofSecondary Education	2004
Fellowship	Rajiv Gandhi National Fellowship	UGC	2013

ResearchInterests

- GroundWaterQuality
- GeochemicalAnalysisofGroundWater
- AssessmentofGround Water

ResearchExperience

Doctoral Research at Pandit Ravishankar Shukla University Raipur (C.G.). Department School of Studies in Geology and Water Resource Management. Research Centre Department of Geology, Govt. Nagarjuna Postgraduate College of Science Raipur, (C.G.). My study area is Granulite Belt of Bhopalpatnam area district bijapur, (C.G.). My Ph.D. thesis entitled “**Hydrogeochemical investigations in Bhopalpatnam area, with reference to fluoride contamination in Groundwater, District Bijapur, Chhattisgarh, India** under the supervision of **Dr.RajeevaGuhey**”.

SelectedRecentPublications

- **Munna, K.**, Guhey, R. and Jhariya, D.C. (2016). Assessment ofGroundwaterQuality, with special reference to Fluoride Contamination In Bhopalpatnam Block, District Bijapur, Chhattisgarh, India. *IRA-International Journal of Applied Sciences*, Vol.5 (2), pp 74-84.
- **Munna, K.** and Guhey, R. (2017). Fluoride Contamination in Groundwater, Around Bhopalpatnam Area, District-Bijapur, Chhattisgarh: Adverse Effect on Human Health. *Jour.Pt.R.S.Univ.Vol.30-B, 1 & 2*, pp 90-101.
- **Munna, K.**, Guhey, R. and Jhariya, D.C. (2019). Hydrogeochemistry of High Fluoride Groundwater in Granulite Belt Aquifer in a Part of Bhopalpatnam area, Bijapur District, Chhattisgarh, India. *Jour. of geological society of India. Vol.94, September 2019*, pp.309-318
- **Munna, K.** and Guhey, R. (2020). Assessment of Pre-and Post-Monsoon Groundwater Resource for Irrigation in Bhopalpatnam area, Bijapur District, Chhattisgarh, India. *Journal of Indian Association of Sedimentologist*, Vol. 37, Issue 2, pp. 27-36
- **Munna,K.**Guhey R,VishwakarmaN.(2020).Mechanismoffluorideenrichmentin

groundwater of hard-rock terrain in Bhopalpatnam area, Bijapur District, Chhattisgarh, India.
Journal of Applied Geochemistry. Vol.22, Issue:1, pp.72-85.

Paper at Conferences

- **Korsa Munna** and Rajeeva Guhey (2015). Fluoride contamination in groundwater around Bhopalpatnam Block, District Bijapur, Chhattisgarh, India. In: *National Conference on Recent Advancements in Minerals and Water Resources*. Organized by Department of Geology, Govt. Model Science College Rewa (M.P.), India. December 5-6, 2015, (Oral presentation).
- **Korsa Munna**, Rajeeva Guhey and D. C. Jharia (2016). Assessment of Groundwater Quality, with special reference to Fluoride contamination In Bhopalpatnam Block, District-Bijapur, Chhattisgarh, India. In: *National Conference and 33rd Convention of Indian Association of Sedimentologists with emphasis on Energy Resources and Climate Change*. Organized by Department of Geology, Centre of Advanced Study Institute of Science, Banaras Hindu University Varanasi (U.P.), India. November 12-14, 2016, (Oral presentation).
- **Korsa Munna** and Rajeeva Guhey (2017). Hydrogeochemistry of High Fluoride Groundwater in Granulite Belt Aquifer in a Part of Bhopalpatnam area, Bijapur District, Chhattisgarh, India. In: *National Conference "Basin Dynamics, Architecture and Paleoclimate and 34th Convention of Indian Association of Sedimentologists*. Organized by Department of Geology, Sant Gadge Baba Amravati University, Amravati, (M.S.), India. December 19-21, 2017, (Oral presentation).
- **Korsa Munna** (2018). Geochemical Evaluation of High Fluoride Groundwater and Identifying source in Granulite Belt Aquifer in a Part of Bhopalpatnam area, Bijapur District, Chhattisgarh, India. In: *16th Chhattisgarh Young Scientist Congress*. Organized by Durg University, Durg (C.G.), Govt. V.Y.T.P.G. Auto. College, Durg (C.G.), Bhilai Institute of Technology, Durg (C.G.), February, 27-28, 2018, (Oral presentation and a paper).

Skills

Software knowledge

- ARCGIS9
- Aquachem Software.
- MS Office

Geological Instrument Handling

- GPS (Garmin Model GPSMAP^(R)78s)
- Water and Soil Analysis Kit (Model 1160E)
- Microscope (AXIOSCOPE A1POL, CARL ZEISS)
- pH Meter (Model pH tester 30 Eutech)
- EC meter (Corning Model, 831)

Workshop Participation

- *National Workshop on Application of Remote Sensing and GIS in Geology*. Organized by Department of Geology, Govt. N.P.G. College of Science, Raipur, (C.G.). January 30 to 31, 2014. (Participated).
- *One Day Workshop on Data Analysis, Sub Theme: Application of Linear & Multiple Regression Analysis in Prediction Studies*. Organized by SOS in Physical Education, Pt. Ravishankar Shukla University, Raipur, (C.G.). November 19, 2017. (Attended).

Academic Trainings

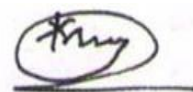
S.No.	Organization	Title of training	Duration
1.	Rajiv Gandhi National Ground Water Training & Research Institute, Raipur. Central Ground Water Board, North Central Chhattisgarh Region, Ministry of Water Resources, Government of India.	"Aquifer Information System and Aquifer Management plan"	December 17 to 21, 2012
2.	Rajiv Gandhi National Ground Water Training & Research Institute, Raipur. Central Ground Water Board, North Central Chhattisgarh Region, Ministry of Water Resources, Government of India.	"Artificial Recharge & Management of Ground Water"	February 07, 2013
3.	Rajiv Gandhi National Ground Water Training & Research Institute, Raipur. Central Ground Water Board, North Central Chhattisgarh Region, Ministry of Water Resources, Government of India.	"Aquifer Mapping: Approach"	March 03 to 07, 2014
4.	Indian Space Research Organization, Department of Space, Government of India	"Application of Remote Sensing & GIS for Natural Resources"	January 27 to March 27, 2015
5.	Department of Applied Geology, National Institute of Technology, Raipur.	"Recent Advancement in Groundwater Development and Management"	August 08 to 12, 2016
6.	Department of Biomedical Engineering & Humanities and Social Sciences, National Institute of Technology, Raipur.	"Campus to Corporate"	October 09 to 13, 2017
7.	Humanities and Social Sciences, National Institute of Technology, Raipur.	"Academic Writing: Trends and Tools (Research and Thesis Development)"	November 13 to 17, 2017

Declaration

I hereby affirm that the above information given by me is true to the best of my knowledge and belief. I will solely be responsible for any discrepancy found in them.

Place: Raipur

Date: 25.07.2025



Korsa Munna