

## **Bio-Data**

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### **Academic Qualification:**

Degree	Year	University/Institute	Field of Specialisation
Ph. D	2011	Mangalore University	Environmental Magnetism
JRF – NET	2000	UGC - CSIR	Geology
M. Sc.	2000	Kannur University	Geology
B. Sc.	1998	Calicut University	Geology

### **Work Experience:**

Sl. No.	Positions Held	Name of the Institute	From	To
1.	Assistant Professor	Mangalore University	2003	To date

### **Research Interest/ Specialisations:**

1. Water Resources
2. Remote Sensing and GIS applications
3. Geomorphology
4. Environmental magnetism and environmental geology
5. Petrology.

### **Research Journal Publications**

**K Priya** (2020). Magnetic properties of black cotton soils and lateritic soils developed on the Late Cretaceous Deccan flood basalts of northern Karnataka, India. IOP Conference Series: Earth and Environmental Science, 597, 012018.

**K Priya** and D C Jhariya (2020). An integrated electrical resistivity and geochemical approach to delineate groundwater contamination due to seawater intrusion in the southern part of Mangalore, Karnataka, India. IOP Conference Series: Earth and Environmental Science, 597, 012012.

K C Mondal, K G Rathod, H M Joshi, H S Mandal, Rubia Khan, Kushagra Rajendra, Y K Mawale, **K Priya** and D C Jhariya (2020). Impact of land-use and land-cover change on groundwater quality and quantity in the Raipur, Chhattisgarh, India: A Remote Sensing and GIS approach. IOP Conference Series: Earth and Environmental Science, 597, 012011.

**K Priya** (2017). Geophysical and physico-chemical investigations of saline water intrusion in a coastal stretch between Ullal and Thalapady, Mangalore, Karnataka, India. International Journal for Research in Applied Science and Engineering Technology (IJRASET), Volume 5, issue XII, pp. 348 - 354.

### Details of projects Undertaken:

Sl. No.	Role	Funding Agency	Title of project	Amount (Rs.)	Year
1	Principal Investigator	DST - SERB	Geophysical and geochemical methods for detecting ground water Stalination in the coastal areas of Kasaragod District, Kerala	17,26,800/-	2013-2017

### Seminars/ Conferences/ Workshops/Training programs attended:

Sl. No	Conferences/Seminars attended	Period	Place
1	Presented a paper titled “An integrated electrical resistivity and geochemical approach to delineate groundwater contamination due to sea water intrusion in the southern part of Mangalore, Karnataka, India”	06.03.2020 to 07.03.2020	Department of Applied Geology, National Institute of Technology, Raipur, Chhattisgarh
2	Attended a Training course on “Applications of remote sensing and GIS and electrical resistivity techniques in groundwater investigation”	27.01.2020to 31.01.2020	Department of Applied Geology, National Institute of Technology, Raipur, Chhattisgarh
3	Attended a workshop on “Current trends in Marine biology and geoinformatics for higher studies and employment opportunities”	23.11. 2019	GeologicalSurvey of India, Training Institute, Mangalore
4	Attended a Training course on “GIS applications”	05.08.2019 to 09.08.2019	GeologicalSurvey of India, Training Institute, Mangalore
5	Attended a workshop on “Applications of granulometric parameters in sedimentology”	10.04.2019 to 11.04.2019	GeologicalSurvey of India, Training Institute, Mangalore

6	Attended a Refresher course in Geosciences	15.11. 2018 to 05.12.2018	Bharathidasan University, Tiruchirapally, Tamil Nadu
7	Presented a paper in International Conference on Water Resources, titled "Hydro-chemical and geophysical investigations to delineate saline water intrusion in the southern coastal stretch of Kasaragod district, Kerala, India"	15.03. 2018 to 17.03.2018	University of Kerala, Thiruvananthapuram, Kerala
8	Presented a paper in International Conference on Water Resources. Titled "Morphometric analysis of the Thalapady River basin of southern Karnataka, India - A GIS and Remote Sensing approach"	15.03. 2018 to 17 .03. 2018	University of Kerala, Thiruvananthapuram, Kerala
9	Presented a paper in National Seminar on Challenges and opportunities in Earth Science Education and Research titled "Hydro-chemical investigations to delineate saline water intrusion in shallow aquifers of Kasaragod coast, Kerala, India"	29.01. 2018 to 30.01.2018	Dept. of studies in Earth Science, University of Mysore, Mysore
10	Presented a paper in National conference organized by The Indian Science Congress Association titled "Physico-chemical methods to delineate fresh water pockets in a coastal stretch between Thalapady and Ullal, Mangalore, Dakshin Kannada, India"	08.09.2017 to 09 .09.2017	Mangalore University, Mangalagangothri
11	Attended a workshop on "Present and future trends in Marine Geology and Geophysics"	21.04.2009 to 22.04. 2009	OASTC, Mangalore University, Mangalagangothri
12	Participated in regional seminar on "Application of Radioisotopes and Radiation Technology (ARRT-2006)"	29 .11. 2006 to 30.11.2006	University Science Instrumentation Center, Mangalore University, Mangalagangothri
13	Participated in regional seminar on "Recent developments in the geo-environmental studies"	18.10.2005 to 19.10.2005	Dept. of Geology, Govt. College, Kasaragod, Kerala
14	Participated in regional seminar on "Water conservation"	20.09 +.2005	Dept. of Applied Botany, Mangalore University, Mangalagangothri
15	Participated in regional seminar on "Modern trends in Marine Sciences"	24.03.2005	Dept. of Marine Geology, Mangalore University, Mangalagangothri

16	Participated in the Training on “Quaternary soils and paleoclimate”	03.02.2003 to 09.02.2003	Dept. of Geology, Anna University, Chennai
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**Membership of professional bodies:**

1. Life member of Indian Society of Remote Sensing.
2. Member of Geological Society of India.