

Detailed CV



Name: Dr. SHIVANNA

Educational Qualification: MSc, PhD

Designation: Professor

Address for Correspondence: Department of Marine Geology, Mangalore University,
Mangalagangothri-574199, Karnataka, India

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Research Areas: Sedimentology, Structural Geology and Water Resources.

Professional Teaching Experience:

Sl. No.	Positions Held	Name of the Institute	From	To
1	Associate Professor	Department of Marine Geology Mangalore University	2003	2009
2	Professor		2009	Present
3	Chairperson		2012	2013
4	Chairperson		2020	2021

Research Guidance (M.Phil/Ph.D.):

Completed students' list (with hyperlinks to their CV if available)

Ongoing Registered Students' list

Sl. No.	Name	Title	Year of award
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1	Jayaprakash M.C.	Studies of the Proterozoic Sediments Around Bagalkot, Kaladgi Basin; A Sedimentological, Remote Sensing and GIS Approach.	2008
2	Natashekar.D.	Salt Water Intrusion in to the Coastal Aquifers in and around Mangalore, Dakshina Kannada, Karnataka, Using GIS Techniques.	2012
3	Aziz Musthafa B	Wireless Applications of GIS in Dynamic Platforms: A Case Study in Laptops and Mobile Phones.	2013
4	S. Abdul Rahiman	Hydrological Investigations of Chamarajanagar Taluk Using Geotechnology(GT).	2015
5	Kavitha P.C.	GIS Modelling of Ecotourism and Route Navigation System for Kodagu District, Karnataka.	2017
6	Hajira Sajini. S	An Integrated Hydrogeological Investigation of Sullia Taluk, Dakshina Kannada District, Karnataka, India.	2020
7	Fatima Rezaye	Optimization of Blasting Parameters for Hajigak Iron Ore Deposit of the Bamyan Province, Central Afghanistan.	2020
8	Muhammed Nisaj K.E.	Factors Controlling the Distribution of Dissolved Oxygen in the Nearshore Waters along Mangalore- Karwar, South-West Coast of India.	Submitted
9	Anil.B	An Integrated Approach for Groundwater Assessment: A RS & GIS Approach for Sita-Swarna Basin, Karnataka, India	Submitted
10	Jayson Sandesh Lobo	A Study on Rainfall data Analysis and its Impact on Ground water recharge in Udupi District.	Ongoing
11	Darshan M.S	Registered in 2020	Ongoing
12	Mahesha D. B	Registered in 2020	Ongoing
13	Rohith Prakash Veigas	Registered in 2020	Ongoing

Research Journal Publications

International

National

Books / Book chapters / Translations published

1. Shivanna, G.M. Mahadevaswamy, S.M. Yamuna and D. Nagaraju (2006), Urban groundwater quality index of deep bore-wells of Mysore city, Karnataka, India. Journal of the Association of Environmental Geochemists, Vol.9, No. 2, pp 21-26

2. Nagaraju, D., Papanna, C., Srikantappa, C and Shivanna, (2009) Pollutions status of Ground water for drinking purpose in Gudlupet Town, Chamarajanagara District, Karnataka, India. *Journal of Applied Geochemistry*, Vol. 11, No. 2, PP 212-220.
3. Shivanna, Jayaprakash, M. C., Channabasappa, K. and Natashekar, D, (2009), ELEMENTAL COMPOSITION AND DISTRIBUTION OF PRECAMBRIAN DEPOSITORIES: A CASE STUDY OF KALADGI BASIN IN SOUTHERN INDIA. *Journal of the Indian academy of Geoscience (ISSN 0379-5160)*, Vol. 52, No. 2, pp 41-46.
4. Shivanna, Aziz Musthafa, Channabasappa, K, Natashekar, D & H. Gangadhar Bhat (2010) Towards a better urban mobility. *Int journ earth sciences & engineering (ISSN 0974-5904)*, Vol.03, No 05-Spl issue, pp 155- 158.
5. Aziz Musthafa, Shivanna, Channabasappa, K, And Natashekar, D (2010), An Effective Traffic/Travel Information Provider Using Internet GIS. *Int Journ Earth Sciences & Engineering (ISSN 0974-5904)*, Vol.03, No0. 05, pp 691-695
6. Shivanna, Jayaprakash, M. C., Channabasappa, K. and Natashekar, D (2011), Three - dimensional (3d) model of the Proterozoic Kaladgi basin, Southern India - a GIS approach. *Journal of applied Geochemistry*, vol. 13, No. 1 pp 42-47.
7. Aziz Musthafa, Shivanna & H. Gangadhara Bhat (2010). Geolocation inside Large Educational Institute. *Journal of Geomatics*, Vol. 4 No. 2, pp 107-112.
8. Kavith P.C. and Shivanna (2015). Modeling of intelligent shortest distance route navigation system for tourist places with the aid of GPS and GIS. *International journal in IT and Engineering (IJITE) ISSN: 2321- 1776. Impact Factor - 4.747.*
9. Abdul Rahiman S. and Shivanna (2015). Evaluation of Geochemical Parameter Studies in Chamarajanagar Taluk, Chamarajanagar District, South Karnataka, India. *International Journal of Current Engineering and Technology*. Vol.5, No.4
10. Anil B., Shivanna and M. S. Vinaya (2015). SCN-CN and GIS Based Approach for Estimation of Surface Runoff in Sita-Swarna Basin, Udupi District. In.: G. Ranganath and S. Suresh Babu (eds.), "Proceedings of the International Conference on Infrastructure Development for Environmental Conservation and Sustenance (INDECS-15), ACE, Hosur", India Publication, ISBN 978-194384621-4, pp. 146-155.
11. Fatima Rezaye and Shivanna "Studies on Geochemical and Heavy Mineral Characteristics of Sediments of Gosthani River Estuary" *Open Journal of Geology*, Science Research

Publishing (USA), Vol.08 No.03 (2018), Article ID: 83329, 15 Dated March 27, 2018.
<https://doi.org/10.4236/ojg.2018.83017>

12. Anil B., Shivanna and M. S. Vinaya (2015). SCN-CN and GIS Based Approach for Estimation of Surface Runoff in Sita-Swarna Basin, Udupi District. In.: G. Ranganath and S. Suresh Babu (eds.), "Proceedings of the International Conference on Infrastructure Development for Environmental Conservation and Sustenance (INDECS-15), ACE, Hosur", India Publication, ISBN 978-194384621-4, pp. 146-155.
13. Fatima Rezaye and Shivanna "Studies on Physical, Chemical and Bacteriological Characteristics on Quality of Spring Water in Hajigak Iron Ore Mine, Bamyan Province, Central Afghanistan" Open Journal of Geology, Science Research Publishing (USA), Vol.08 No.03(2018), Article ID:83466,20 <https://doi.org/10.4236/ojg.2018.83021>
14. Fatima Rezaye and Shivanna "Studies on Chemical Mineralogical Composition of Iron Ore in related the Economic Potential of Mining Activities in Hajigak Iron ore Bamyan Province, Central Afghanistan". International Journal of Research and Analytical Reviews (IJRAR), UGC approved list journal, dated October 20, 2018 , Vol 5 Issue 4, October 2018, Article ID: 192037, 13 Pages <http://doi.one/10.1729/Journal.18575>
15. Anil B., Shivanna and M. S. Vinaya (2019). Curve Number and GIS Based Surface Runoff Estimation in Sita River and Swarna River Basins of Udupi District, Karnataka. "Journal of Applied Science and Computations". Volume VI, Issue V, Page No. 1045-1053
16. Anil B., Shivanna and M. S. Vinaya (2020). Web GIS Enabled Integrated Approach for Identifying Groundwater Prospect Zones In Sita-Swarna Basin, Karnataka, India. Accepted by Journal of International Water Resources Association.
17. Anil B., Shivanna and M. S. Vinaya (2020). Integration of ASTER-DEM Derived Depression and SCS Based Runoff Datasets for Delineation of Potential Rainwater Harvesting Sites in Sita and Swarna Basins, Karnataka. Accepted by Journal of Soil & Conservation.
18. Kavith P.C. and Shivanna (2015). Modeling of intelligent shortest distance route navigation system for tourist places with the aid of GPS and GIS. International journal in IT and Engineering (IJITE) ISSN: 2321- 1776. Impact Factor - 4.747
19. Abdul Rahiman S. and Shivanna (2015). Evaluation of Geochemical Parameter Studies in Chamarajanagar Taluk, Chamarajanagar District, South Karnataka, India. International Journal of Current Engineering and Technology. Vol.5, No.4.

20. Abdul Rahiman, Shivanna and Aziz Musthafa (2015) "Geological structures that have control on ground water occurrence of Chamarajanagar Taluk ,Chamarajanagar district, southern Karnataka" International Journal of Geology, Earth & Environmental Sciences ISSN: 2277- 2081, (Online) An Open Access, Online International Journal Available at <http://www.cibtech.org/jgee.htm> 2015 Vol. 5 (1) January-April, pp. 1-9/Abdul et al. Research Article © Copyright 2014 | Centre for Info Bio Technology.
21. Abdul Rahiman S., Shivanna and Aziz Musthafa (2015) "Geology And Soil Studies Of Chamarajanagar Taluk, Chamarajanagar District, South Karnataka, India Using Geotechnology". International Journal of Earth Sciences and Engineering, ISSN-0974-5904 22-07-2015.
22. Anil B., Shivanna and M. S. Vinaya (2015). SCN-CN and GIS Based Approach for Estimation of Surface Runoff in Sita-Swarna Basin, Udupi District. In.: G. Ranganath and S. Suresh Babu (eds.), Proceedings of the International Conference on Infrastructure Development for Environmental Conservation and Sustenance (INDECS-15), ACE, Hosur, India Publication, pp 146-155" (ISBN 978-194384621-4)
23. Sandhya S K, Krishnaiah C, Praveen G Deshbhandari, Anantha Murthy K S, Jayaram G Naik and Shivanna (2015). Assessment of heavy metal concentrations in soils and vegetables along Nethravathi River, Dakshina Kannada, Karnataka. Presented National Seminar on Earth Resources Assessment and Management, Dept. of Applied Geology, Kuvempu University, Shankaraghatta, 24_ 25 November.
24. Hajira Sajini S, Shivanna and Nisaj K.E (2016). Assessment of surface water quality of Sullia taluk, Dakshina Kannada, Karnataka, India. Presented at the UGC – Sponsored Fourth International UGIT conference, University College, Mangalore on Remote Sensing and GIS Application on Coastal Management, 16-17 February, pp. 78-79.

Papers/ poster presentations in Conferences / Seminars / Symposia (list)

International

National

Regional

Author	Title of the Paper	Theme of the conference/ Workshop	Date and Place
Aziz Musthafa, Shivanna and Abdul	Towards a Better Geospatially Smart	International Conference on	May 2015, Bali, Indonesia.

Rahiman S	Equipments for Precision Farming.	Sciences, Engineering and Technology Innovations (ICSETI)	
Sandhya S K, Krishnaiah C, Praveen G Deshbhandari, Anantha Murthy K S, Jayaram G Naik and Shivanna.	Assessment of heavy metal concentrations in soil and vegetables along Nethravathi river, Dakshina Kannada, Karnataka”	National Seminar on Earth Resources Assessment and Management	November 24-25, 2015 Department of Applied Geology, Kuvempu University, Shankaraghatta.
Hajira Sajini S, Shivanna and Nisaj K. E	Assessment of Surface Water Quality of Sullia Taluk, Dakshina Kannada, Karnataka, India	UGC Sponsored Fourth International UGIT Conference on Remote sensing and GIS Application on Coastal Management	16-17February 2016, Department of Geography, University College, Mangalore
Hajira Sajini S, Shivanna and Nisaj K. E	Physico-chemical characteristics of Ground Water samples of Sullia Taluk, Dakshina Kannada District,	National Conference on Advanced Trends in Civil Engineering and Sustainable development	26-27 February 2016, Department of Civil Engineering, Mangalore Institute of Technology and Engineering, Moodabidri
Hajira Sajini S and Shivanna	Soil Mapping and Classification using Remote Sensing and GIS in Sullia Taluk, DK, Karnataka, India	International Journal of Innovative Research in Science, Engineering and Technology	

Membership of Professional Bodies:

1. Mineralogical Society of India.
2. Indian Association of Sedimentologists.
3. Soil Conservation Society of India.

Any other Information:

Visited Bali, Indonesia to Chair the session and to present the paper, May, 2015.