

RESEARCH PROFILE OF
PROFESSOR Dr. JAGADEESH TOTESHWAR GUDAGUR
DEPARTMENT OF GEOLOGY, KSCD

FULL NAME : JAGADEESH TOTESHWAR GUDAGUR

Contact No: 9448760054, 6363587787

E-MAIL : jagadishgeo@gmail.com.



ACADEMIC QUALIFICATIONS:

M.Phil. in Hydrogeology (1992), Karnatak University, Dharwad (First Class with Distinction).

International Post-Graduate Diploma in Hydrology (1993), VITUKI Water Resources Research Centre, BUDAPEST, HUNGARY (with Grade 4 Good).

Post-Graduate Diploma in Computer Application (1994), Karnatak University, Dharwad.

Ph.D. in Hydrogeology (2002), Karnatak University, Dharwad (Research work on Impact of High Fluoride in drinking water and its effects on Human Health.)

PROFESSIONAL EXPERIENCE :

- i) 30 years research experience in Hydrogeology (selection of borewell sites, Rainwater Harvesting Structures, Artificial recharge of groundwater etc.)
- ii) 29 years of teaching experience in Geology (taught PUC I to B.Sc. III & also guiding 7 Ph.D. students and one student awarded Ph.D. degree in 2018).

VISITS ABROAD :

- I) Feb. 1993 –July 1993 : VITUKI, BUDAPEST, HUNGARY for UNESCO sponsored International Post-Graduation studies in Hydrology and also visited SWITZERLAND, NETHERLANDS and AUSTRIA.
- II) September 1999: INTERNATIONAL CONVENTION CENTRE, KATMANDHU, NEPAL for International Symposium.
- III) Aug. 2006 : Represented India in the Masters Athletic championship held at Kuala Lumpur, Malasiya.

**List of Ph.D students working under the guidance of
Dr.J.T.Gudagur.**

Sl. No:	Name of the Candidate	Title of the Research	Registration No:	Date of Registration
1	Mr.Lingaraj	Hydrogeological and Geochemical Studies with Reference to Pollution of Surface and Sub-Surface water due to Anthropogenic and Geogenic Causes in NandihalHalla Watershed of Manvi, DevadurganadSindhanur Taluks of Raichur District, Karnataka State.	SC/2016-17/849	28.12.2016
2	Mr. Umesh Jadiyappa Madolli	Hydrogeological and Environmental Studies with reference to groundwater quality characterisation of Dharma river Sub-Basin of Hangal and Shiggaon Taluks of Haveri District, Karnataka State	SC/2016-17/852	28.12.2016
3	Mr.Rizwan M S	An Integrated Approach to Hydrogeological, Remote Sensing and Environmental Studies of KodiHalla Watershed, Hosadurga Taluk, Chitradurga District, Karnataka State.	SC/2016-17/853	28.12.2016
4	Ms .Pradnya Govekar	Hydrogeological and Hydrogeochemical Characters of Surface and Subsurface Water of Hirehalla Sub-Basin of Badami Taluk, Bagalkote District, Karnataka.	SC/2017-18/920	30.11.2017
5	Mr. Raju Laxman Chavan	Petrology, Geochemistry and Genesis of Banded Iron Formations and Associated Rocks in KappataguddaGadag District, Karnataka	SC/2015-16/757	15.05.2018
6	Mr. G .S. Subbapurmath	Structural Features in the Proterozoic Rocks at & around Murgod, Belagavi District, Karnataka.	SC/2015-16/759	15.05.2018

List of Ph.D awarded under the guidance of Dr.J.T.Gudagur.

Sl. No:	Name of the Candidate	Title of the Research	Registration No:	Date of Registration	Date of Award of Ph.D
1	Mr.Gaonkar Gopalkrishna Vishweshwar	Studies on the Pollution of Surface and Sub-Surface Water due to Anthropogenic and Natural Causes in Parts of Western Region of Sandur Schist Belt, Bellary District, Karnataka State	SC/2011-12/380	27.05.2011	16.10.2018

RESEARCH PUBLICATIONS ,PROJECTS RESEARCH GUIDE, ETC.,:

- 1) Study of drainage Characteristics and its Implications for Watershed Management- A Case Study of the Dharma River Basin, Karnataka State, India International Journal of Ecology and Environmental Sciences 47(2): 135-144,2021
- 2) Study on Water Quality Suitability for Irrigation in Western Part of Sandur Schist Belt, Bellary District, Karnataka, India, Journal of XidianUniversity,Vol 15,Issue 8, pp 25-32 2021
- 3) Assessment of water Quality for Irrigation and Industrial applications – A Preliminary Investigation from a Part of the mining Intensive Sandur Schist Belt.Design Engineering Issue 9 pp 10712-10724 2021
- 4) Morphometric Analysis of Hirehalla Sub-basin of Malaprabha River, Northern Karnataka using Geoinformatics Techniques. Journal of Geomatics Vol.17 No.01 pp121 -130. 2023
- 5) Groundwater Quality assessment for Drinking and Irrigational practices at Hirehalla Sub-basin (HSB), Bagalkote District, Southern India. Vol.26 No2 pp 93-104 2024

RESEARCH PROJECT:

Successfully completed a UGC Minor Research Project as a Principal Investigator on " Environmental Impact Analysis and Management Strategies of Fluoride enriched Groundwater of Shirahatti Taluk and Parts of Gadag Taluk of Gadag District of Karnataka State" (2008).

RESEARCH GUIDE

Recognized as Research Guide in Geology by Karnatak University, Dharwad in 2010 and one Ph.D candidate was awarded under my supervision in 2018 and presently guiding 7 students for their Doctoral degree.

