

CURRICULAM VITAE



Dr. Sangaraju Siddi Raju

Associate Professor

Department of Geology

Indira Gandhi National Tribal University

Amarkantak -484887, Anuppur Dist.,

Madhya Pradesh, India.

Ph. No : + 91 9652395252

E-mail : ssiddiraju@igntu.ac.in

Educational Qualifications:

- **Ph.D., (Hydrogeology)** .1994, Department of Geology, Sri Venkateswara University, Tirupati=.
- **M.Phil.** (Hydrogeology)1991, Department of Geology, Sri Venkateswara University, Tirupati
- **M.Sc., (Geology)**1989, Dept of Geology S.V. University, Tirupati A.P., India.

Areas of interest and Specialization: Hydrogeology, Engineering Geology, Remote Sensing and GIS, Environmental Geology, Water Resources Management and Rain water harvesting structures, Hydro-Geochemistry and Groundwater pollution

Total Experience: (Teaching, Research & Industry - 32years)

- Working as Associate Professor, Department Geology, IGNTU, Amarkantak from 21st October 2022 to till date.
- Worked as Professor, Department of Civil Engineering, Siddharth Institute of Engineering and Technology, Puttur, Chittor District, A.P, India from 01.07.2012 to 05.10.2022.
- Served as Professor in Civil Eng. Department of KKCW Engineering College, Puttur, A.P, India. from 1.07.2011 to 30.06.2012.
- Served as Associate Professor in Civil Eng. Department of KKCW Engineering College, Puttur, A.P, India. from 1.07.2008 to 30.06.2011.
- Served as Programme Executive, Rayalaseema Vikas Parishad, Tirupati, A.P. India. From 14-08-2004 to 30-06-2008.
- Served as Lecturer & Head (SFC), Department of Geology, B.T. College, Madanapalle, A.P, India from 01.08.1994 to 13-08.2004.

Awards and Achievements:

- Best Innovative faculty Award September, 2023, Tech Forum Research Foundation (MSME registered), Recognized by Govt. Of India
- Fellow of the Geological Society of India.2023 (F.3535(L-1997).
- Best teacher Award 2022.For the outstanding individual achievement and distinguished services to the Nation on the occasion of Dr.A.P.J. Abdul Kalam's birthday, by Sai Radha Krishna Educational Society.
- Rastriya Vishisht Seva Samman Award-2019, in Education/Organic/Social Service. by Society of International Law, New Delhi.

Research Guidance:

- Ph.D.- 2 Awarded, 01 ongoing
- MTech- 13 Dissertations Awarded
- B. Tech- 26 Dissertations Completed
- M.Sc.- 6 Dissertations Awarded, 3 ongoing.

Research Publications:

- National -18
- International – 40

Seminars, conferences, workshops, Participated :26

Workshops /Conferences organized :09 (National and international)

Training programs attended :05 (National and International)

Invited talks/ Resource person: 23 (National and International)

Books Published:

- Shyam Sundar Sekhar, Siddiraju SangaRaju and Ramabalan.S.. 2023.Air Pollution and Control, Published by Lap Lambert Academic publishing London.ISBN.978 6206 755524.
- Pirakasm Arunagiri and Siddiraju SangaRaju. 2023.Essentials of Coastal Zone Management, Published by Lap Lambert Academic publishing London.ISBN.978 6209 0 08048-6.
- Dr G Nacheendher and Dr S Siddiraju. July, 2023. **“Mine plan and Resource Estimation Report Objective Hydrogeology” published by** Notion Press, ISBN: 0000000479147
- Dr G Nacheendher and Dr S Siddiraju. May 2023. **“Objective Hydrogeology” published by** Notion Press, ISBN: 979-88902-6643-9
- Siddiraju. (2018). **Geo-hydrology and Water Resources Management in Pulang River Basin, KY** Publications, Guntur, AP, INDIA. ISBN: 978-93-87769-10-6.
- Siddiraju. (2013). **Hydro Geology and Geochemical Aspects of Pullam Peta, Kadapa District, Andra Pradesh.** LAP LAMBERT, Omni Scriptum GmbH & Co. KG. ISBN 978-3-659-46417-1
- Siddiraju. (2013). **Water Resources Assessment and Management.** Creative space. ISBN-13:978-1494480448.

Editor:2024. Contemporary Research in Engineering management, Arts and Science, Tech Press Delhi-110033.

Memberships in Professional Bodies: 11 National and International bodies

- Editorial board member/ Academic Editor of PLO ONE, American journal of water science and engineering.
- Life Member (No. TFRFLM236595) Tech Forum Research Foundation (MSME Resisted, Recognized by Govt. of India)
- Life Member of Research Journal of Agricultural Sciences, An International Journal (2023)
- Life member Geological Society of India. F.3535 (L-1997)
- Life Member (L32908) in the Indian Science Congress Association.
- Life Member (LM008359) in Indian Water Works Association (IWWA), Bombay.
- Life Member (LM 107370) in Indian Society for Technical Education (ISTE), New Delhi.
- Member in (162026) International Association of Engineers (IAENG)
- Senior Member (UACSE) in IRED- Institute of Research Engineers & Doctors (Membership No. SNM10100053017).
- Member of International Association of Hydrological Sciences (IAHS), UK
- Member of American Association for Science and Technology (AASCIT), USA.
- Member of National Environmental Science Academy (NESA), Delhi.
- Member of the International Association of Engineers (IAENG), Hong Kong.

Reviewer (Journals): Journal of Indian Geophysical Union

Patents:

UK Design and grant: Dr. Sangaraju Siddiraju & Subhasis Mishra “Environmental Monitoring device, Design number:6332043, Grant Date.11-01-2024

IPR: Indian Patent and Design: Dr.S.Siddiraju, Mr.Mahammed Hameeduddin Haqqasi, Dr.Priya Mankhija,Ms.Neelamgautam,Gayatri,Mrs.Rajeswari.S, Mr.A.Arunand Dr.V.Kannan.” Design to Real Time Weather Monitoring System Using IOT.Design Number.399712-001 date.10-11-2023.

Extension Work and Technical Reports:

- Selection of New Bore well sites, drinking water Madanapalle Division and Municipalities – Madanapalle, Punganur, Tirupati areas, Chittoor District, Andhra Pradesh, 1999-2007(May).
- Selection of Sub-surface Dams in the Swarna Mukhi river basin for Groundwater Development under the Swarna Mukhi River Rejuvenation Programme during 2001-2002.
- Selection of suitable sites for the construction of check dams & percolation tanks (for Artificial Recharge of Groundwater) in the drought-prone Chittoor District, Andhra Pradesh, 2003-2004, DWWA (The District Water Management Agency).
- Selection of New Bore well sites, irrigation under the Save the Crop Programme in Chittoor District, Andhra Pradesh, January 2004.
- Served as Project evaluator from 2001 to 2006 to CAPART, New Delhi was focused on water harvesting structures, de-siltation programs and check dams in drought-prone areas of Andhra Pradesh.
- Presented a strategy study report on over-exploitation of ground water at Madanapalle & Rayachoti areas, which was also published in DFID UK, Booklet, New Delhi.

(Dr. S. SIDDI RAJU)