

Niranjan S

Affiliation (Assistant Professor, Dept of Civil Engineering SIT)

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Education

	Degree	Year	Institute	Specialization
1	Ph. D.	2023	National Institute of Technology Karnataka, Surathkal	Water Resources Engineering
2	M. E.	2015	University of Visvesvaraya College of Engineering	Water Resources Engineering
3	B. Tech.	2012	National Institute of Technology Karnataka, Surathkal	Civil Engineering

Professional Experience

	Date (from-to)	Designation	Organization
1	12-12-2025 to Till date	Assistant Professor	Siddaganga Institute of Technology, Tumakuru

(Please fill in reverse order. Current designation should be at the top)

Positions held

Sl No	Level of Administration	Nature of Administration	Role	Year
1				

Affiliations of Professional organizations

- American Geophysical Union
- European Geosciences Union

Awards and Honors

- Government of India Scholarship for Doctoral studies
- Government of India Scholarship for Post-Graduate studies

Courses Taught

Undergraduate Courses

- Hydrology
- Fluid Mechanics and Hydraulics

Postgraduate Courses

- Nil

Research Guidance

Sl. no	Name of the Scholar	Title	Year of completion

Research Areas

- Water Resources Engineering
- Remote Sensing and GIS

Sponsored Projects

Publications

Journals

- **Niranjan, S.** & Nandagiri, L. (2024). Development of daily gridded Penman-Monteith reference crop evapotranspiration data for Karnataka State. *ISH Journal of Hydraulic Engineering*, 30(1), 85-89.
- **Niranjan, S.** & Nandagiri, L. (2024). Performance evaluation of simpler reference crop evapotranspiration estimation equations with and without local calibration. *Journal of Applied Water Engineering and Research*, 12(2), 134-151.
- **Niranjan, S.** & Nandagiri, L. (2021). Effect of local calibration on the performance of the Hargreaves reference crop evapotranspiration equation. *Journal of Water and Climate Change*, 12(6), 2654-2673.

Conference Proceedings

- **Niranjan, S.** & Nandagiri, L. (2020). Performance of modified temperature-based reference crop evapotranspiration models across different agro-climatic zones in Karnataka State, India. *EGU General Assembly 2020, Vienna, Austria*.
- **Niranjan, S.** & Nandagiri, L. (2019). Evaluation of solar radiation equations for estimating reference crop evapotranspiration in different agro-climatic zones of

Karnataka State, India. AGU Fall Meeting 2019, San Francisco, USA.

- **Niranjan, S.** & Nandagiri, L. (2018). Development of a gridded reference crop evapotranspiration dataset. NFiCE2018, IIT Bombay, Mumbai, India.
- **Niranjan, S.** & Nandagiri, L. (2017). Evaluation of evapotranspiration models in different climatic regions of India. Hydro-2017 Int. Conf., L.D. College of Engineering, Ahmedabad, India.
- **Niranjan, S.** & Nyamathi, J. S. (2015). Analysis of CWC-UHO at different reaches along mainstream of watershed- A case study. Hydro-2015 Int. Conf., IIT Roorkee, India.
- **Niranjan, S.** & Nyamathi, J. S. (2015). Morphometric studies at different reaches along mainstream of a watershed. CSWM-2015 Nat. Conf., NIT Warangal, India.

Book Chapters

- Nil

Books

- Nil

Editorial

- Nil

Reviewer of Journals

- Nil

(Please give details in IEEE format)

Editor/ Reviewer of Journal

- Nil

Patents

- Nil

Invited Lectures, talks and workshops

- Nil