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Dr. Kiran Kumar H S

Associate Professor, Director-Student Affairs

Faculty

Faculty of Engineering and Technology

School / Program

School of Engineering
B Tech in Civil Engineering

Faculty Introduction

Dr. Kiran Kumar H. S. is an Associate Professor in the Department of Civil Engineering with over 13 years of teaching and 8.5 years of industrial experience. He has taught various subjects including Environmental Engineering, Water Resource Engineering, and Concrete Technology. Before entering academia, he worked with reputed organizations such as ESSAR Constructions Ltd., GTL Infrastructure Ltd., and Aircel Ltd., where he contributed to major civil and infrastructure projects, including the NH-4 highway works. He has guided over 18 undergraduate, 4 postgraduate, and is currently guiding 4 Ph.D. candidates in areas like water and wastewater treatment, solid waste management, and sustainable environmental technologies, fostering innovation and eco-friendly engineering solutions.

Qualifications

Ph.D.

Civil Engineering Sciences, VTU, Belagavi, 2020

M. Tech.

Environmental Engineering – Kuvempu University, Shiomaga-2007

BE

Civil Engineering, Kuvempu University, Shiomaga-2001

Experience

Teaching

- 11 years at GMIT, Davanagere and 2 years at GM University , Davanagere

Industry

- 1 year 10 months at Essar Constructions Ltd.
- 5 years 1 month at GTL Infrastructure Limited
- 1 year 5 months at Aircel Ltd.

Research

- Tannery wastewater treatment using electrocoagulation an advanced treatment approach

Research Interest

- Water treatment technologies
- Wastewater treatment technologies
- Solid waste management technologies

Awards & Achievements

- PATENT NO. 202241016089A granted on 25-03-2022: Development of low cost water treatment techniques

Publication / Patents

- Ph.D. Dissertation: Studies on treatment of Tannery wastewater treatment using Electrocoagulation
- National Conference Papers:2
- International Conference Papers:-
- National Journal Papers:-
- International Journal Papers:14

Professional Membership

- Indian Society for Technical Education. (Membership No. LM108239) (Life Member)

Administrative Responsibilities

- University Level: Director, Student Affairs

Workshops / FDPs / Seminars Attended

- Attended 5-day workshop on *Centre of Excellence for Innovation, Research and Entrepreneurship* organized by NITI Aayog – Atal Innovation Mission, Jyothi Institute of Technology Foundation, and GMIT, Davanagere (27 Sept–1 Oct 2021).
- Presented two journal papers at the *International Conference on Emerging Trends in Science, Engineering and Management (ICETSEM)*, GMIT, Davanagere (15–16 July 2021).
- Participated in *NAAC Awareness Program for Faculty* webinar organized by Marathwada Mitramandal's Institute of Technology (8–14 May 2020).
- Attended 3-day workshop on *Research Methodologies & LaTeX* organized by VTU e-Learning Centre, Mysore at DBIT, Bengaluru (19–21 June 2019).
- Participated in *Recent Trends in Environmental Impact Assessment – Process & Procedures (RTEIA-PP)* (17–19 Jan 2019).
- Attended FDP on “NBA Accreditation Process – An Overview” at Rajarajeshwari College of Engineering, Bengaluru (14–16 Oct 2017).
- Attended FDP on “Sustainability of Water Resources and Environment” at New Horizon College of Engineering, Bengaluru (14–16 Mar 2017).



- Participated in FDP on “Sustainable Development through Sugar Industries” at BIET Davanagere in association with Shamanur Sugars Ltd. (28–31 July 2013).

Workshops / FDPs / Seminars Organized

Projects Guided

- UG Projects -18
- PG Projects- 4

Funded Projects / Grants Received

- Amrit Sarovar Mission organized by AICTE in collaboration with Ministry of Education Govt. of India and Ministry of Housing and Urban affairs, Govt. of India for the ***Rejuvenation of Musafirkhana and Honda at Santhebennur***, Davanagere- Rs.2,00,000.
- Phytoremediation for the treatment of domestic wastewater – a KSCST-funded project with a grant of ₹5,000.
- Horizontal flow constructed wet land for treating domestic wastewater- a KSCST funded project with a grant of ₹4,000.

Any Other Contributions

- Supervising the operation and maintenance of two campus STPs with capacities of 250 KLD and 500 KLD.
- Serving as the Coordinator for obtaining KSPCB consent under the Air and Water Act