

BIO – DATA

Name & Address: Dr. Naveen N. Desai

Associate Professor and HoD

Department of Civil Engineering

B.L.D.E.A's Vachana Pitamaha Dr. P.G. Halakatti

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Educational Qualifications

Qualification	Name of the university	Month & year of passing	Division
BE (Civil)	KUD Dharwad	September 2001	FC
M.Tech (Environmental Engg)	VTU, Belguam	July, 2004	FC
Doctor of Philosophy (Ph.D.) in Civil Engineering Science	VTU, Belguam	30 th October 2021	

Experience

1. Organization: BLDEA's V. P Dr. P.G. Halakatti College of Engineering & Technology Vijayapur; Designation: Associate Professor in Dept. of Civil Engineering; Duration: 01st December 2021 to till date
2. Organization: BLDEA's V.P.Dr. P.G. Halakatti College of Engineering & Technology Vijayapur; Designation: Assistance Professor in Dept. of Civil Engineering; Duration: 01st August 2011 to 30th November 2021
3. Organization: SECAB Institute of Engineering and Technology. Vijayapur, Designation: Assistance Professor in Dept. of Civil Engineering, Duration: February 2009 to July 2011
4. Organization: Zero Defect Consultants. Bangalore, Designation: Branch Head & Quality management Consultant Duration Aug. 2007 to Jan 2009
5. Organization: SECAB Institute of Engineering & Technology, Vijayapur, Designation: Lecturer in Dept. of Civil Engineering, Duration: March 2006 to April 2007
6. Organization: Zero Defect Consultants Bangalore, Designation: Quality management Consultant Duration : Sep. 2004 to Feb 2006.

Areas of Interest

Water and Waste water Engineering, Solid waste Management, Nanomaterials, Business Management and Entrepreneurship activities.

Grants

1. Received Grants of Rs. 2,40,000/- from DST-NIMAT for organizing EAC training programme at the institute for the academic years 2015-16, 2016-17, 2017-18, 2018-19 & 2019-2020
2. Received grant of Rs. 50.00 Lakhs from Karnataka Council Technology Upgradation (KCTU) to establish "Nanomaterial Testing Centre at BLDEA's Vachana Pitamaha Dr. P.G. Halakatti College of Engineering & Technology Vijayapur.
3. Received students project funds of Rs. 27,500/- from Karnataka State Council for Science and Technology for the academic years 2011-12, 2017-18, 2018-19 & 2020-21.

Papers Published in International Journals/Book Chapters

1. Naveen.N. Desai, Veena.S. Soraganvi, V.K. Madabhavi, (2020) "Solar Photocatalytic Degradation of Organic Contaminants in Landfill Leachate Using TiO₂ Nanoparticles by RSM and ANN", Nature Environmental and Pollution Technology 19, 651-662
<https://doi.org/10.46488/NEPT.2020v19i02.019>
2. Naveen N. Desai, Veena S. Soraganvi, (2020) "Solar Photocatalytic Degradation of Lead in Aqueous Solution using TiO₂ Nanoparticles: Process optimization by response surface methodology (RSM)", Indian Journal of Environmental Protection, IJEP 40 (6) pp 616-622.
3. M.N. Hiremath, B.M. Angadi, Naveen N. Desai (2020), "Design and Fabrication of Indigenous Low-Cost Water Filter Using Activated Carbon Prepared from Low-Cost Materials" IEEE Advancing Technology for humanity, page 165-168
4. Naveen N. Desai, Veena S. Soraganvi (2019) "Performance of TiO₂ Photocatalytic Nanomaterial in Removal of Lead from Sanitary Landfill Leachate Using Sunlight" Waste Valorisation and Recycling, Springer Nature Singapore Pte Ltd. 2019,
https://doi.org/10.1007/978-981-13-2784-1_44
5. Naveen Desai, Anuradha Tanksali, Veena S. Soraganvi (2016), "Vermicomposting – A Solution for Milk sludge, Procedia Environmental Science, in Elsevier 35 page 441-449.
6. Vidyavati Ugran, Naveen N. Desai, Dipankar Chakraborti, Kallappa A. Masali, Prakash Mantur, Shreepad Kulkarni, Niranjana Deshmukh, Kailash S. Chadchan, Swastika N. Das, Anuradha S. Tanksali, Asha S. Arwika, Suresh P. Guggarigoudar, Tejaswini Vallabha, Shailaja S. Patil, Kusal K. Das (2016) "Ground Water Fluoride Contamination and its Possible Health Implications in Indi Taluk of Vijayapura District (Karnataka), India" - Environmental Geochemistry and Health-, Volume 39, Issue 5, 1017–1029, DOI 10.1007/s10653-016-9869-2

Attended in International Conference

1. Attended and presented paper in Conference of IEEE Bangalore Humanitarian Technology Conference (B-HTC) 2020, held virtually during October 08-10, 2020.
2. Attended the Conference of 10th Bengaluru India Nano from December 5-7, 2018 at the Lalit Ashok, Bengaluru. The conference is organized by the Department of IT and BT, Government of Karnataka, under the guidance of State's Vision Group on Nanotechnology.
3. Attended and presented paper in the Conference of International Convention on Environment protection through sustainable waste management at RAMAIAH UNIVERSITY of Applied Science Bengaluru, held on 03/08/2018 to 04/08/2018
4. Attended the 8th International conference on sustainable waste management at Acharya Nagarjuna University, Guntur, Andhra Pradesh from November 22-24, 2018. The conference under the aegis of International society of waste management air and water (ISWMAW).
5. Attended and presented paper in the in 7th International conference on solid waste management organized by International Society of Waste Management, Air and Water (ISWMAW) held on 15th to 17th December 2017 in Hyderabad, Telengana, India.

Professional Membership

Life Membership;

1. Indian Society for Technical Education (ISTE);
2. Corporate Member (MIE)-Institution of Engineers (IEI).

Consultancy

1. Worked for 3rd part inspection of Flood Damage, and Scarcity Works;
2. Preparing action plan for villages under Suvarna Gramodaya Yojana,
3. Involved in preparation of DPR for Multi village water supply scheme.
4. Routine water and waste water testing consultancy.

Interaction with Professional Institutions

1. A guest lecture on Quality Control and ISO Standards in Construction Industry is delivered for the M-tech students at Basveshwar Engineering College, Bagalkot
2. An Internal Auditors Training on "ISO 9001:2008" was provided for the faculty members at Tontadarya College of Engineering Gadag.
3. Facilitator for Research work with Shri B.M. Patil Medical College, Vijayapur.
4. A guest lecture on Entrepreneurship Awareness and Available opportunities is delivered for the Degree students at Anjuman Arts, Science and Commerce College, Vijayapur.
5. A lecture on Quality of drinking water in and around Vijayapur is delivered for the Doctors at Department of Physiology, Shri, B.M. Patil Medical College, Vijayapur.