



Ms. Vinitha Sharon

Assistant Professor, Civil Engineering

Administrative Responsibilities

- Admission coordinator
- IQAC member
- Timetable in charge
- Bridge course secretary
- Department Library in charge
- Envotech club coordinator
- Senior Faculty Advisor (SFA) of CE 2023-2027 Batch

Education Summary

- Ph.D. (pursuing) in Environmental Engineering from NIT, Calicut
- M.Tech in Environmental Engineering from SVNIT, Surat
- B.Tech in Civil Engineering from Mar Athanasius College of Engineering, Kothamangalam

Employment History

- Assistant Professor at Christ College of Engineering, Irinjalakuda - 2019 October to till date
- Assistant Professor at Parul University, Vadodara, Gujarat (2 years)

Journal/Papers Published

- Vinitha Sharon, 2020, “Effect of Greywater Characteristics on its Chemical Coagulation”, Int. Journal of Engineering Technology and Management Sciences, Vol. 4(2).
- Vinitha E. V., 2018, “ Effect of Greywater Characteristics on its Chemical Coagulation”, Parul University International Conference on Engineering and Technology: Smart Engineering, Gujarat.
- E. V. Vinitha, M. MansoorAhammed and Mahesh R. Gadekar, 2017, “Chemical coagulation of greywater: modelling using artificial neural networks”, Water Science & Technology, Vol. 3, 869-877.
- Dr. Lovely K M, Amrutha C V, Misha Maria Mathew, ReivaSibi, and Vinitha E. V., 2014, “Functional Planning and Design of a Fan Shaped Technical Museum”, Int. Journal of Engineering Research and Applications, Vol. 4(4),165-167.
- Joseph, R. M., Manjaly, A. D., Unni, S., Able, E. C., & Sharon, V. (2021). Prediction of Groundwater Quality Using Artificial Neural Network. AIJR Proceedings, 213-221

Areas of Interest

- Greywater treatment
- Artificial neural network modelling

Specialized Trainings

- 3-Day online Faculty Development Programme on “Enhancing Civil Engineering Proficiency 2022” conducted by Government Polytechnic College, Chelakkara between 16 -18th June 2022.
- 3-Day National Faculty Development Programme on “Outcome Based Education and NBA Accreditation” organized by Internal Quality Assurance Cell & Department of Civil Engineering, Christ College of Engineering, Irinjalakuda from 31st August 2021 to 2nd September 2021.
- Six-day online FDP on “Construction Industry - Present and Future Trends” organized by the Department of Civil Engineering, FISAT (21 – 26 June 2021)

- FDP on “Smart Cities-Infrastructure & Sustainability” organized by Indian Institute of Technology Ropar (24 – 28 May 2021)
- FDP on “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education(AICTE) (17 – 21 May 2021)
- STTP on “ Outcome Based Education for Technical Institutions – Phase I” organized by Rajagiri School of Engineering and Technology, Kochi (14 – 20 October 2020)
- FDP on “ Enriching Research Acumen” organized by Department of Computer Science and Engineering, Christ college of Engineering, Irinjalakuda (25 – 29 July 2020)
- Webinar on “Preparing for Online Teaching” presented by Dr. Muralee Thummarukudy Operations Manager Crisis Management Branch United Nations Environment Programme organized by Sacred Heart College Kochi (21 May 2020)
- Webinar on “Outcome Based Education” by St. Thomas College (Autonomous) Thrissur and Kerala State Higher Education Council (13 May 2020)
- FDP on “ Repair and Rehabilitation of Structures” at Jyothi Engineering College, Cheruthuruthy (2 – 6 December 2019)
- Workshop on “ Environmental Challenges in Energy Sector” at L&T Power Training Institute, Vadodara, Gujarat (14-15 September, 2017)
- Workshop on “ Recent Issues, Advances and Innovation in Environmental Engineering” at UkaTarsadia University, Gujarat (11-12 March, 2016)
- Workshop on “ Application of Soft Computing Techniques in Civil Engineering” at SVNIT, Surat (15-16 October, 2015)
- Workshop on “Nuclear Energy” at SVNIT, Surat (31 August, 2014)
- Training at Degremont Private Limited, Suez environnement, Bangalore (May 2015)
- Training at Kochi Refinery (BPCL) (April 2015)
- Training at Creations India Developers Builders and Infrastructures, Thrissur, Kerala (January 2010)

Achievements

- Best Paper Award - 'Prediction of Water Quality Index using Artificial Neural Network Modelling in Kodakara, Thrissur' in the International Conference on Innovations in Computing Materials & Communication Technologies organised by IES College of Engineering, Chittilappilly, Thrissur on May 15, 2023
- 100% pass in S6 KTU exam results of CE 2019-23 batch students (Christ College of Engineering) for the course CET304 Environmental Engineering
- NPTEL Elite-silver certification on "Physico-chemical processes for wastewater treatment" with score 85% authorized by IIT Madras (29/04/2023)
- NPTEL certification on "Environmental Quality Monitoring & Analysis" with score 72% authorized by IIT Madras (29/04/2023)
- NPTEL Elite-silver certification (top 2%) on "Wastewater Treatment and Recycling" with score 85% authorized by IIT Kharagpur (29/10/2022)
- Attended Innovation Ambassador (IA) training "Advanced Level" conducted in online mode by MoE's Innovation Cell & AICTE (16/9/2022)
- Attended Innovation Ambassador training "Foundation Level" conducted by MoE's Innovation Cell & AICTE (30th June - 30th July 2021)
- NPTEL certification on "Integrated Waste Management for a Smart City" with score 83% authorized by IIT Kharagpur (1/01/2021)
- Online certification on "RS & GIS Applications" conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun (02-11-2020 to 20-11-2020)
- NPTEL online certification on "Geotechnical Engineering-I" with score 80% authorized by IIT Bombay (20/06/2020)
- GATE 2014 All India Rank 5229