Ms. Vinitha E. V.

Assistant Professor, Civil Engineering

Administrative Responsibilities

- IQAC member
- Project Club - Chairperson
- EnvoTech club – Faculty Advisor
- Department Library in-charge
- Senior Faculty Advisor of Batch 2023-27

Education Summary

- PhD (pursuing) 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

- Wastewater Treatment Techniques

- Artificial Neural Network Modelling

Specialized Trainings

- Training at Creations India Developers Builders and Infrastructures, Thrissur, Kerala for duration of 10 days as a part of B.Tech curriculum.

- Training at Kochi Refinery (BPCL) for duration of 2 weeks as a part of M.Tech curriculum.

- Training at Degremont Private Limited, Suez environnement, Bangalore for duration of 1 month as a part of M.Tech curriculum.

- 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)

- 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)

- 3 day Short Term Training Program on "Mathematical Modelling in Civil Engineering" organised by Department of Civil Engineering, SCMS School of Engineering and Technology (5 to 7 August 2020)

- FDP on " Enriching Research Acumen" organized by Department of Computer Science and Engineering, Christ college of Engineering, Irinjalakuda (25 – 29 July 2020)

- FDP on " Repair and Rehabilitation of Structures" at Jyothi Engineering College, Cheruthuruthy (2 – 6 December 2019)

- FDP on " Enriching Research Acumen" organized by Department of Computer Science and Engineering, Christ college of Engineering, Irinjalakuda (25 – 29 July 2020)

- Online certification on "Planning & Design of Sanitation Systems and Technologies" authorized by École Polytechnique Fédérale de Lausanne and offered through Coursera (19/08/2020)

- Online certification on "Introduction to the Arctic: Climate" authorized by University of Alberta and offered through Coursera (5/07/2020)

- Online certification on "Introduction to Sustainability" authorized by University of Illinois at Urbana-Champaign and offered through Coursera (22/06/2020)

- Online certification on "Renewable Energy and Green Building Entrepreneurship" authorized by Duke University and offered through Coursera (27/05/2020)

- Online certification on "AI For Everyone" authorized by deeplearning.ai and offered through Coursera (21/05/2020)

- Online certification on "Global Environmental Management" authorized by Technical University of Denmark (DTU) and offered through Coursera (19/05/2020)

- Online certification on "RS & GIS Applications" conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun (02-11-2020 to 20-11-2020)

- 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 "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) (17 – 21 May 2021)

- FDP on "Smart Cities-Infrastructure & Sustainability" organized by Indian Institute of Technology Ropar (24 – 28 May 2021)

- Six-day online FDP on "Construction Industry - Present and Future Trends" organized by the Department of Civil Engineering, FISAT (21 – 26 June 2021)

- 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.

- 3-Day online Faculty Development Programme on "Enhancing Civil Engineering Proficiency 2022" conducted by Government Polytechnic College, Chelakkara between 16 -18th June 2022.

Achievements

- GATE 2014 All India Rank 5229
- GATE stipend for M. Tech. from MHRD, Government of India
- Central Sector Scheme of Scholarship 2010
- PCM (Progressive Curriculum Management Council) scholarship at National level
- Best Paper Award under the theme '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
- 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)
- NPTEL certification on "Integrated Waste Management for a Smart City" with score 83% authorized by IIT Kharagpur (11/01/2021)
- NPTEL online certification on " Geotechnical Engineering-I" with score 80% authorized by IIT Bombay (20/06/2020)