

Dr. Erosemiah D

Assistant Professor

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Contact

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Education

**University College of Engineering, BIT
Campus, Tiruchirappalli**

PH.D. Research Scholar (Dec 2018)

Viva-voce on Oct 2024

**Anna University Regional Campus,
Tirunelveli**

M.E in Structural Engineering (2016-2018)

Scored CGPA of 8.7

**SCAD Engineering College,
Cheranmahadevi**

B.E in Civil Engineering (2012 – 2016)

Scored CGPA of 8.1

**Rosemary Matric. Hr. Sec. School,
Tirunelveli**

Passed HSC in 2012

Scored a percentage of 80.8

**Sivanthi Matric. Hr. Sec. School,
Cheranmahadevi**

Passed SSLC in 2010

Scored a percentage of 89.2

Key Skills

MS – Office
AutoCAD
ArcGIS

Objective

To be in the field of academics as a teacher where I can use my passion to develop young minds and work for the overall development of students. A job that gives me opportunities to learn, innovate and enhance me the skills and strengths in conjunction with institution goals and objectives.

Workshop Attended

*Title: Cement and Concrete
PSG College of Technology, Coimbatore.*

*Title: Forensic Engineering
Builders Association of India, Tirunelveli.*

*Title: Building Information Modelling
National Institute of Technology, Trichy.*

*Title: Intellectual Property Rights and Innovations
SCAD Engineering College, Cheranmahadevi.*

*Title: LIDAR Technology for Civil Engineering Application
Vellore Institute of Technology (VIT), Vellore.*

*Title: MATLAB and its applications in Image processing and Communications
SRM TRP Engineering College, Tiruchirappalli.*

*Title: Machine learning techniques for remote sensing application with the
perspective of rural and urban planning
SRM TRP Engineering College, Tiruchirappalli.*

Webinars

*Title: Data Analysis using SPSS
University College of Engineering –BIT Campus Tiruchirappalli.*

*Title: Sustainable Water Resource Management
Karpaga Vinayaga College of Engineering and Technology,
Chinnakolambakkam.*

*Title: Social and Environmental Impacts of Engineering Solutions
University College of Engineering – BIT Campus, Tiruchirappalli.*

*Title: Software Applications in Structural Design
University College of Engineering – BIT Campus, Tiruchirappalli.*

*Title: Remote Sensing and GIS application in sustainable Environmental
Management
University College of Engineering – BIT Campus – Tiruchirappalli.*

*Title: Water Resources – planning and management
Kongunadu College of Engineering and Technology –
Thottiam.*

*Title: Hydrological Modelling and Simulation for Watershed Management
Centre of Excellence on Watershed Management, University of Agricultural
Sciences, Bangalore*

FDP

*Title: Emerging trends and technologies in Renewable energy for Sustainable
Development
Prince Shri Venkateshwara Padmavathy Engineering College, AICTE*

*Title: Fundamentals and Applications of Soil Mechanics and Fluid Mechanics
SRM Valliammai Engineering College – Kattankulathur.*

Experience

1. Years – From Jan 2019 to May 2023

Position – Research Scholar (Full-time)

College – University College of Engineering – BIT Campus, Tiruchirappalli,
Tamil Nadu, India

2. Years – From Dec 2024 to till date

Position – Assistant professor

College – Prince Shri Venkateshwara Padmavathy Engineering College,
Ponmar - Chennai

Projects

UG Mini Project - Planning, Analyzing, and Designing of Cinema Theatre.

UG Main Project - Experimental investigation on Fiber Reinforced Pervious
Concrete.

PG Project – Microstructural Analysis of a Reactive Powder Concrete at
elevated temperature.

Ph.D. – Reservoir Operating policy on the development of multipurpose water resource project in the Thamirabarani River basin using remote sensing and GIS.

Publications

Title: Microstructural Analysis of a Reactive Powder Concrete at Elevated Temperature.

International Journal of Engineering Research and Technology

Title: Study on Drainage Network Pattern and Morphometric Analysis by Using Hydrology Support Algorithm.

Journal of the Geological Society of India