

**Ms.Shilpa P**

Assistant Professor (Adhoc)
Department of Civil Engineering
College of Engineering Vadakara
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Qualifications:

- B.Tech in Civil Engineering
- M.Tech in Computer Aided Structural Engineering

Experience:

- Working as Assistant Professor in College of Engineering Vadakara since 04/08/2017.
- Worked as Structural Design Engineer in Prasanth And Associates, Calicut for one year

Areas of Interest:

- Low cost construction materials and techniques
- Waste Utilisation in Construction
- Earthquake resistant structures

Positions held:

- Class Advisor of 2017-21 batch
- Lab in charge of Civil Engineering Workshop

Subjects Taught:

- Design of Concrete Structures, Structural Analysis, Advanced Concrete Technology, Basics of Civil Engineering, Sustainable Engineering, Principles of Management, Civil Engineering Project Management
- Material testing lab, Computer Aided Civil Engineering Lab, Surveying Lab, Drafting lab, Civil Engineering Workshop

Projects Guided:

- Planning, Analysis and Design of a New Block for PWD Rest House Valayamkulam, Malappuram, 2020-21
- Planning , Analysis , Design and Estimation of Proposed Boys Hostel at Medical College Hospital Kozhikode, 2020-21

- Soil Stabilization Using Coconut Shell, Rice Husk Ash And Lime, 2018-19
- Zero Energy Cooling Chamber and Zero Energy Cooling System in Building Wall, 2018-19
- Utilisation Of Copper Slag And Rice Husk Ash on Locally Available Soil In Road Construction, 2017-18

Publications:

- Shilpa P (2021) et al., "Zero Energy Cooling Chamber and Zero Energy Cooling System in Building Wall", International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181, Volume 9, Issue 6.
- Shilpa P, Dr. Rajesh K N (2016), "Study on the impact of short wavelength vertical irregularity track on a composite railway bridge" in International Journal of Advanced Technology in Engineering and Science (ISSN 2348-7550), Volume 04, Issue 08.
- Shilpa P, Dr. Rajesh K N (2016), "Study on the impact of long wavelength vertical irregularity track on a composite railway bridge" in proceedings of International Conference on Systems, Energy and Environment (ICSEE'16), Govt. College of Engineering Kannur, 6th August 2016.

Training Programmes Attended:

- 4th International Conference on Recent Trends in Engineering Science and Management held in August 2016 at Goa.
- International Conference on Systems, Energy and Environment, ICSEE-2016 organised by GCEK on 6th August 2016.