


Faculty Profile

Name of Faculty	MANU A S	
Department	Civil Engineering	
Qualification	B.E, M tech, (Ph.D).	
Designation	Assistant Professor	
Area of specialization	Structural Engineering, Concrete Technology & Highway Engineering	
Date of Joining BNMIT	23.07.2015	
Nature of Association (Regular/Contractual/Adjunct)	Regular	
e-mail	manuas@bnmit.in, manufourthmain@gmail.com	
No. of years of Experience	Teaching:5.5years Industry: 02 years	

Academic Qualifications

- **Ph.D.** Pursuing in Department of Civil Engineering, PESCE, Mandya under Visvesvaraya Technological University (VTU), Belgaum, India.
- **M.Tech.** (2013), Department of Civil Engineering, SJCE, Mysore, Visvesvaraya Technological University (VTU), Belgaum, India (I Class with Distinction).
- **B.E.** (2009), Department of Civil Engineering, PESCE, Mandya, Visvesvaraya Technological University (VTU), Belgaum, India (I Class)

Working Experience Details

- Assistant Professor, Dept. of Civil Engineering, BNMIT, Bangalore, India, (23.07.2015 – Till date).
- Asst. Professor, Dept. of Civil Engineering, BTLIT, Bangalore, India, (11.07.2013 – 13.07.2015).
- Site Engineer at Alfa Steel Building Solutions, Bangalore, India, (05.10.2009 -15.02.2011).

Subjects taught

Fundamentals of Civil Engineering, Engineering Mechanics, Strength of Materials, Structural Analysis, Highway Design, Planning and Construction, Basics of Geotechnical Engineering, Advanced Steel Structure, Fluid Mechanics, Concrete Technology and Reinforced Concrete Structures.

Research Experience Details:

M. Tech:

This study reports the results of experimental investigation on utilization of different type of Manufactured Sand (Granulated Blast Furnace Slag Sand and Crushed Granite Sand) in cement mortar applications.

Ph.D:

Title: “Innovative Materials for Construction of Rural Roads”

Guide: Dr. S P Mahendra

Research Centre: PESCE, Mandya

Registration Date: 13-02-2017

Rural road connectivity is one of the key components for rural development, as it promotes access to economic and social services, generating agricultural income and productive employment. For suitable development of sustainable transportation system, the properties of different innovative materials were studied and their suitability in construction of roads is discussed.

Academic Positions and other Responsibilities (Institute Level):

1. BNMIT Chronicle Coordinator (2017-18, 2018-19)
2. Sports coordinator (2017-18, 2018-19)
3. Editor for the department magazine YAANTRIKA (2017-18, 2018-19).

Software's handled:

- Staad Pro.
- E tabs.

Research Publications:**I. In National & International Journals**

1. Workability Characteristics of Crushed Granite Sand (CGS) in Cement Mortar
Manu A S, Madhushree K J & Swapna Gowda R
IRJET, 5(5), 2395-0072 (3714-3716 pages).2018
2. Strength Characteristics of different types of manufactured sand in cement mortar
Manu A S & Swapna Gowda R
IRJET, 4(5), 2395-0072 (1191-1195 pages).2017
3. Utilisation of different types of manufactured sand as fine aggregate in cement mortar
Manu A S, Nataraja M C & Girish G
ICJ 88(1), (19-25 pages). 2014
4. Use of Granulated Blast Furnace Slag as Fine aggregate in cement mortar
Manu A S, Nataraja M C, Dileep Kumar & Sanjay M C
IJSCR, 2(2), (59-68 pages). 2013

II. In National/International Conference Proceedings

1. Strength properties of Bioenzyme treated Black Cotton Soil
Manu A S & S P Mahendra
Proceedings of International Conference on Recent Research Emerging Trends in Mechanical & Civil Engineering (ICRRETMCE-2018) held during 13-14, July 2018 at Reva University, Bangaluru, India
2. Flow characteristics of Granulated Blast Furnace Slag Sand
Manu A S, Nataraja M C & Girish G
Proceedings of International Conference on Innovative materials and construction (ICIMC 13), Melmaruvathur, Chennai. India.
3. Utilisation of different types of manufactured sand as fine aggregate in cement mortar
Manu A S, Nataraja M C & Girish G
Proceedings of PROTECT 2013 held during August 26-27, 2013, Mysore, Karnataka, India

Papers presented in International/National Conferences

International

1. Strength properties of Bioenzyme treated Black Cotton Soil
Manu A S & S P Mahendra
Presented in International Conference on Recent Research Emerging Trends in Mechanical & Civil Engineering (ICRRETMCE-2018) held during 13-14, July 2018 at Reva University, Bangaluru, India
2. Flow characteristics of Granulated Blast Furnace Slag Sand
Manu A S, Nataraja M C & Girish G
Presented in International Conference on Innovative materials and construction (ICIMC 13), Melmaruvathur, Chennai, India.

Participation in Training courses/Seminars/Workshops

1. Participated in one day Workshop on **“New Model Curriculum for First year B.E./B.Tech. – CBCS Detailed Syllabus (2018-19) as per Outcome-Based Education (OBE) format including Course Outcomes (CO) and Bloom’s Taxonomy”** on 7th May 2018 at BNMIT, Bangalore organized by VTU, Belagavi.
2. Participated in One Day Workshop on **“New Model Curriculum”** for PG Course held on 6th July 2018 at BNMIT, Bengaluru.
3. Participated in Six days faculty development programme on **“Application of green technologies to overcome Environmental challenges for sustainable urban development”** on 24th July to 29th July 2017 held at Department of Civil Engineering, MSRIT, Bangaluru.
4. Participated in One Day workshop on **“Urban Transport Management”** organized by Association of Bangalore University Highway Engineering Alumni on 7th March 2017 at Lalit Ashok Hotel, Bangalore.

Personal Details:

- **Date of Birth:** 05 - 05-1988
- **Sex:** Male.

16th February 2019

Manu A S