

**Malnad College of Engineering**  
**Department of Civil Engineering**

Name: Mr. Niranjana Nayaka R K

Designation: Assistant Professor

Date of Joining: 05.10.2021

Duration (Jan 1<sup>st</sup> 2021 to Till date)

**Workshops/Events conducted**

Sl No	Workshop/Event	Date
1.	DGPS and Drone Surveying	6 <sup>th</sup> June 2022
2.	E Surveying software Presentation	21 <sup>st</sup> - 22 <sup>nd</sup> June 2022
3.	One Day Workshop on RCC detailing and Modelling aspects in Earthquake Engineering.	8 <sup>th</sup> September 2022
4.	Two-day workshop on Application of Finite Element Analysis in ABAQUS Modelling.	15 <sup>th</sup> -16 <sup>th</sup> May 2023

**Outreach Programs**

Sl No	Outreach Programmes	Date
1.	NDT Testing of Government Office Building, Irrigation Department in Rajagatta Hassan.	2 <sup>th</sup> Feb 2022

**Responsibilities**

Sl No	Responsibility	Role
1.	Campus Disciplinary Committee (College Level)	Member
2.	Department Library	In Charge
3.	Survey Laboratory	In Charge
4.	Continuo Coordinator	Coordinator
5.	Faculty Mentor	B.E (VI sem)
6.	Civil Engineering Association Coordinator	Coordinator

7.	UG – Seminar Coordinator	Coordinator
8.	Honour Degree Coordinator	Coordinator
9.	Annual Survey Camp Officer	Camp Officer
10.	Frist Year Internship Coordinator	Coordinator

#### **Faculty Development Programs Participated**

<b>Sl No</b>	<b>FDP</b>	<b>Duration</b>	<b>Date</b>
1.	Structural and Geo-Confluence	1 Day	19th Nov 2021
2.	Digital Transformations under NEP 2020	1 Day	15th July 2022
3.	Geotechnics for Infrastructure Development	1 Day	5th Sep 2022
4.	Case Studies in Geotechnical Engineering.	1 week	14th -18th March 2022
5.	An Overview of Teaching Techniques in Earthquake Resistant Design of Structures	1 week	16th -20nd May 2022
6.	Self-Sustainable Buildings	1 week	12th -16th September
7.	Out-come Based Education, MCE, Hassan.	1 week	2022
8.	Smart Materials & Systems	1 week	19th – 23rd September 2022
9.	Drone Survey, Photogrammetry and Digitization of Maps for Engineering and Applications	1 week	29th May -2nd June 2023
10.	Commentary IS:456-2000 with expected Modifications in the Forthcoming Revision	1 week	21st – 25th August 2023
11.	Geo-Informatic in Disaster Management	1 week	8th -12th January 2024
12.	Green Energy Technologies for a Sustainable Environment	1 week	18th – 22nd June 2024
13.	Emerging Concepts in HVAC&R	1 week	24th – 28th June 2024

**Research Publication**

SI No	Publication Title	Status
1.	Paper Titled "A review on Corrosion and Corrosion Inhibitors in Various forms of Steel Components". International Journal of Creative Research Thoughts, issn:2320-2882, Volume 10 , Issue 2 <sup>nd</sup> , February 2022.	Published
2.	Effect of Overcrowding on Seismic Performance of Elevation Irregular Medium Height Structures	Under Review

**International conference Paper presentation**

SI No	Title of the Papers	conference
1	Effect of Poor Soil Condition on Seismic Vulnerability of Overcrowded Building	Indian Geotechnical Conference organised by Indian Geotechnical Society Kochi chapter during 15 <sup>st</sup> - 17 <sup>nd</sup> December, 2022 Kochi, Kerala, INDIA.
2	Effect of Overcrowding on Seismic Performance of Elevation Irregular Medium Height Structures	International Conference on Innovative Discoveries and Emerging Advancements in Applied Sciences, 18 <sup>th</sup> – 20 <sup>th</sup> April, MAHSA University, Selangor, Malaysia. 2024

**Involved in Departmental Consultancy works in testing of Materials.**

Sl.No	Materials Specifications
1	Concrete cubes , Bricks and Tiles , Course and Fine Aggregates, Structural Steel and Testing of Soil.