



# NANAPU MURALI MOHAN

Assistant Professor (Ad – hoc)

Email: [muralimohan1233.ce@jntua.ac.in](mailto:muralimohan1233.ce@jntua.ac.in)

Mobile No: +91 9885431983

Pulivendula, YSR Kadapa - 516390

## ➤ Summary:

A highly experienced and passionate Assistant Professor, who has been working in the field of education for over 09 years. Expertise in developing and delivering lectures, as well as experience in curriculum development. A strong interest in research, with a focus on the area of educational technology.

## ➤ Educational Details:

S.no	Board/Course	Name of School/ College	Year of Passing	Percentage
1	SSC	Z. P. High School Galiveedu	2006	58%
2	Diploma	Loyola Polytechnic YSRR Pulivendula	2010	62%
3	B. Tech	Sri Venkateswara Institute of Science & Technology Kadapa	2013	68%
4	M. Tech	K.S.R.M College of Engineering Kadapa	2016	72%

## ➤ Experience:

**Junior Lecturer**

**Loyola Polytechnic YSRR Pulivendula**

**2013 – 2016**

- ❖ Delivered schedule lectures to third and first – year students.
- ❖ Evaluated the students individually to identify areas of difficulties.
- ❖ Prepare and delivered lectures on Surveying Practices, Fluid testing, Environmental Engineering, Irrigation Engineering and Fluid Mechanics to the Diploma Students.
- ❖ Taught students the use of various software such as Auto Cad.
- ❖ Field visit for different civil engineering structures near some villages.

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JNTUA College of Engineering (Autonomous) Pulivendula

2016 – Till Date

- ❖ Schedule lectures to First, Second, Third & Fourth – Year Students.
- ❖ Evaluated the students individually to identify areas of difficulties.
- ❖ Prepare and delivered lectures on Soil Mechanics, Foundation Engineering, Soil Testing, Fluid rate of flow & Turbine Efficiency, Hydraulic & Hydraulics machinery, Estimation of building, Reinforcement and Earth work to UG Students.
- ❖ Taught students the use of various software such as Auto Cad & BIM.
- ❖ Act as Engineering Cell In – Charge for AY 2016 – 2017
- ❖ Act as department placement in – charge for the AY 2021 – 2022
- ❖ Act as a Staff Co – Ordinator for AASHRAY – 2k23.
- ❖ Act as a Deputy Warden for Boys Hostel AY 2023 – Till date.
- ❖ Class In – charges in different years, present Class In – Charge B. Tech II<sup>nd</sup> Year.

➤ Academic Projects:

S.no	Title of the Project	Year of Completion
1	Soil Stabilization by using Non – Woven Geo – Textiles	2017 – 2018
2	Study of soil stabilization with coconut shell powder and lime on expansive soils	2018 – 2019
3	Properties of concrete with partial replacement of fine and coarse aggregates with Robo sand and coconut shell	2019 – 2020
4	Slope stabilization of soil by using ground granulated blast furnace slag and geo – textiles.	2019 – 2020
5	Forensic investigation of soil below the of structures	2020 – 2021
6	Reinforcement of soil using Geo – grids in Highway construction.	2022 – 2023
7	Stabilization of black cotton soil by using Micro Silica Fume.	2022 – 2023

8	Enhancing soil stability: Sodium Silicate and cement treatment.	Present
9	Lime Stabilization of Clay Soils Using Chebula	Present

### ➤ Journals & Conferences:

- ❖ Soil Stabilization by using Non – Woven Geo – Textiles IJCRT, ISSN 2320 – 2882. UGC Care Approved, Publishing Year 01 – 03 – 2018.
- ❖ Stabilization of black cotton soil by using Micro Silica Fume. Indian Institution of Industrial Engineering, ISSN 0970 – 2555, UGC Care Approved, Publishing Year 04 – 04 – 2023.
- ❖ Reinforcement of soil using Geo – grids in Highway construction. ISSN 0970 – 2555, UGC Care Approved, Publishing Year 04 – 04 – 2023.
- ❖ Study on Expansive soil Treated with TERRAZYME – A Bio ENZYME As Subgrade ISSN 0970 – 2555, UGC Care Approved, Publishing Year 05 – 05 – 2023.

### ➤ FDP's & Workshops:

- ❖ National Intellectual Property Awareness Mission 13 – 04 – 2023 NIPAM.
- ❖ Azur Data Scientist Associate 23 – 03 – 2023 Microsoft Engineering Graphics.
- ❖ Engineering Graphics through AUTO CAD Software in JNTUACEP 21<sup>st</sup> & 23<sup>rd</sup> 2023.
- ❖ Rock mechanics and Tunneling, NPTEL, 26 – 10 – 2022.
- ❖ Sustainable materials & Resilient Buildings – Philosophy, Design, Implementation and Performance, Kakatiya Institute of Technology & Science Warangal Held on 30 – 06 – 2020
- ❖ FRP Strengthened RCC Piles under lateral Loads – A field study, Held on 25 – 05 -2020.
- ❖ Structural Modeling of an individual houses using ETABS 06 – 06 – 2023 in Skill LYNC.
- ❖ Full Auto CADD Course Completion in UDEMY 2018 – 2021.
- ❖ Modern days Bridges and Metro Structures organized by JNTUACEA Held on 15 – 09 – 2023.

### ➤ Subjects Taught:

- ❖ Strength of materials I & II
- ❖ Fluid Mechanics and Hydraulics & Hydraulic machines.
- ❖ Soil Mechanics
- ❖ Foundation Engineering
- ❖ Estimation Costing & valuation
- ❖ Hydrology & Irrigation Engineering
- ❖ Building planning & Drawing

### ➤ Labs Taught:

- ❖ Soil Mechanics Lab
- ❖ Strength of Materials Lab
- ❖ Auto CADD Lab
- ❖ Fluid Mechanics and Hydraulics & Hydraulic machines Lab.
- ❖ Surveying Lab
- ❖ STADD Pro Lab
- ❖ BIM Lab
- ❖ Concrete Technology Lab

### ➤ Skills:

- ❖ MS Office
- ❖ Auto CADD 2D & 3D
- ❖ BIM
- ❖ Data base SQL Sevar & Power BI

➤ Personal Trivia:

Name: Nanapu Murali Mohan

Father name: N Rama Chandra

Mothers name: N Venkatamma

Date of Birth: 20 – 07 – 1991

Nationality: Indian

➤ Declaration:

I hereby declare that the above written particulars are true to the best of my knowledge.

Place: Pulivendula

Date: 03 – 11 – 2023

Nanapu Murali Mohan

Assistant Professor (Ad – hoc)

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