

# FACULTY PROFILE

Name of the staff : **MARIMUTHU K**

Office Address with E-mail ID

: Assistant Professor

Department of Civil Engineering

National Engineering College K.R. Nagar,

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## Personal Details:

Age : 30  
Date of Birth : 06-06-1993  
Sex & Marital status : Male & Unmarried  
Citizenship : Indian  
Qualification : M.E., (Structural Engineering)

Degree	Programme/ Specialization	Class/ CGPA	Month/Year of passing	Institute/ University
M.E.,	Structural Engineering	First Class - 7.65	June 2016	Sapthagiri College of Engineering, Dharmapuri.
B.E.,	Civil Engineering	First Class - 7.43	April 2014	Sapthagiri College of Engineering, Dharmapuri.

Date of Joining : 12.05.2023

Present Status : Assistant Professor

## Professional Experience:

Designation	Institution/ Organization	Period	Nature of Duties
Assistant Professor	Srinivasa Institute of Engineering and Technology	01-11-2019 – 10-05-2023	Teaching, BoS member, NAAC Coordinator
Assistant Professor	TKR College of Engineering & Technology	03-11-2016 – 25-07-2018	Teaching, Lab Handling, Mentoring and Guiding

### **Areas of Interest:**

- Surveying
- Analysis of Structures
- Design of Reinforced Concrete Structures
- Design of Steel Structures

### **Achievements:**

- Inventor on **“A Self Powered Communication Tower with Multi Transmission System”**.
- Inventor on **“Smart Compact Structural Instrument”**.

### **National Conference Attended:**

- National conference on **“Recent Innovations in Engineering & Technology, Management and Applications”** in Priyadarshini Engineering College, Vellore.

### **PUBLICATIONS:**

- **K MARIMUTHU, CH. JYOTHI SRI VALLI (2020)**, “WASTE GLASS POWDER AS PARTIAL REPLACEMENT OF FINE AGGREGATE FOR SUSTAINABLE CONCRETE”, - IJIEMR, ISSN 2456-5083.
- **K MARIMUTHU, S. BALA RAMA MURTHY (2020)**, “ SCRUNITY ON DURABILITY PROPERTIES OF HIGH PERFORMANCE CONCRETE” – IJIEMR, ISSN 2456-5083.
- **K MARIMUTHU, D.NAVYA (2020)**, “ A STUDY ON MECHANICAL PERFORMANCE OF SELF CURING SELF COMPACTING CONCRETE BY USING GLYCERINE” – IJIEMR, ISSN 2456-5083.
- **K MARIMUTHU, K.BALA VENKATESH (2020)**, “ AN EXPERIMENTAL INVESTIGATION ON PROPERTIES OF SLURRY INFILTRATED FIBROUS CONCRETE UNDER ELEVATED TEMPERATURE” – IJRASET, ISSN 2321-9653.
- **K MARIMUTHU, Y.REBAKA (2021)**, “ PROPERTIES OF RECYCLED COARSE AGGREGATE CONCRETE WITH FLYASH AS A PARTIAL REPLACEMENT OF CEMENT” – IJARESM, ISSN 2455-6211.
- **K MARIMUTHU, O.V.S.NARASAMAMBA (2021)**, “ ANALYSIS OF SEISMIC RESPONSE OF A STEEL BRACED FRAME STRUCTURE CONSIDERING SOIL STRUCTURE INTERACTION” – IJEDR, ISSN 2321-9939.
- **K MARIMUTHU, P M L MOUNIKA (2021)**, “ STANDARD STRENGTH GREEN CONCRETE WITH PARTIAL REPLACEMENT OF SCBA, FLYASH, STEEL SLAG AND DEMOLISHED AGGREGATES” – IJRAR, ISSN 2348-1269.
- **K MARIMUTHU, Ch SATYA VEDHATHRIEE (2022)**, “NUMERICAL ASSESSMENT OF NEW PRECAST CONCRETE CONNECTIONS UNDER CYCLIC LOADS” – IJTMSR, ISSN 2451-5632.
- **K MARIMUTHU, Y LALITHA GAYATHRI (2022)**, “EXPERIMENTAL INVESTIGATION ON TRANSPARENT CONCRETE USING OPTICAL FIBERS” – IJRAR, ISSN 2349-5138.

- **K MARIMUTHU, S MANI SATYA KRISHNA (2022)**, “A STUDY ON M25 AND M30 GRADE OF CONCRETE WITH ADDITION OF NYLON FIBER”-IJRAR, ISSN 2349-5138.
- **K MARIMUTHU, A ASHOKKUMAR (2022)**, “AN EXPERIMENTAL STUDY OF STRENGTHENING PROPERTIES OF PORTLAND BASED CEMENT CONCRETE WITH ADDITION OF ACRYLIC FIBER”- IJRAR, ISSN 2349-5138.
- **K MARIMUTHU, K SAI ANITHA (2023)**, “MESH FREE APPROACH FOR BENDING ANALYSIS OF BEAMS AND THIN PLATES WITH VARIOUS FIELD PARAMETERS”- IJCRT, ISSN 2320-2882.

### Training Programmes/Seminars/Workshops - Organized

S.No	Title	Institution	Period
1	National Level Technical Symposium ADVITIYA 2K18 (Civil Engineering)	TKR College of Engineering & Technology, Hyderabad, Telangana.	07-03-2018-08-03-2018
2	National level Technical Symposium AAVISHKAR 2020 ( Civil Engineering)	Srinivasa Institute of Engineering and Technology, Amalapuram, Andhra Pradesh.	06-03-2020-07-03-2020

### Workshops /FDP/Seminars/NPTEL Courses Attended

S.No	Title	Host Institution	Course Detail	Period
1	FUTURISTIC TRENDS IN CIVIL ENGINEERING (FTICE-2023)	Marri Laxman Reddy Institute of Technology and Management	Online FDP	17-05-2023-21-05-2023
2	Design of Steel Structures using ETabs	Aditya Engineering College, Surampalem, Andhra Pradesh.	Webinar	07-02-2023-11-02-2023
3	CIVIL WEBINAR STRING-1	PERI Institute of Technology, Chennai.	Webinar	03.07.2020–06.07.2020
4	Value Engineering	Sri Ramakrishna Institute of Technology, Coimbatore.	Webinar	06-07-2020
5	ADVANCES IN STRUCTURAL AND GEOTECHNICAL ENGINEERING	Government College of Engineering Kalahandi, Bhavanipatna, Odisha.	Online FDP	29-06-2020-03-07-2020
6	IoT Applications in Smart City and Construction Industry	Easwari Engineering College, Chennai.	Webinar	23-06-2020

7	Webinar on “ A Marvel Engineering in Concrete”	KPR Institute of Engineering and Technology, Coimbatore.	Webinar	17.06.2020
8	2-Day workshop on “RCC-MIX DESIGN”	TKR College of Engineering & Technology, Hyderabad, Telangana.	Webinar	07.03.2018 - 08.03.2018
9	Faculty Development Programme on “OUTCOME BASED EDUCATION”	TKR College of Engineering & Technology, Hyderabad, Telangana.	FDP	13-11-2017-18-11-2017
10	"Limit state design of steel structural components (IS 800:2007)"	Vetri vinayaha college of Engineering and Technology, Thottiam, Trichy.	Webinar	13-02-2013



**MARIMUTHU K**

**AP/CIVIL**