Faculty Profile

Basic Information:



NAME	:	**Dr NR Gowthami**
DESIGNATION	:	**Assistant Professor and Head**
DEPARTMENT	:	**Civil Engineering**
DATE OF BIRTH	:	**28/10/1990**
DATE OF JOINING	:	**14/12/2014**
EMAIL ID	:	nrg@aitsrajampet.ac.in
EMPLOYEE ID	:	**AITS_01_1208**

Academic Profile:

Qualification	Name of the Board/University	YEAR
Post Doc.	Indian Institute of Technology Madras	2026
Ph.D.	Visveshwaraya Technological University-Belagavi	2023
M. Tech. (Structural Engineering)	Jawaharlal Nehru Technological Univeristy (Anantapuramu)	2014
B. Tech (Civil Engineering)	G Pulla Reddy Engineering College, Kurnool	2012

Research Details:

1. Areas of Specialization	:	Structural Engineering, Material Technology and Construct Project Management
2. No. of Publications	:	25
3. Awards Received	:	NIL
4. Research Guidance		
	No. of PhD Guided:	04 Ongoing
	No. of M.Tech. Guided:	16
	No. of B.Tech. Guided:	121 Students
5. Details of Professional Membership:		MIE, MISTE & MIAENG.

6. Subjects Taught	:	1. Strength of Materials 2. Concrete Technology 3. Structural Analysis 4. Basic Reinforced Concrete Design 5. Advanced RCC Design 6. Design of steel structures 7. Prestressed Concrete

Publication Details:

Title	Publisher	Published Year
Numerical Modelling and Analysis of slabs"	International Journal For Research & Development in Technology	2014
Effect of fly ash and nano GGBS on the properties of High strength concrete	IJMETMR	2016
Evaluate the Mechanical and Durability Properties of Concrete by Using Phosphogypsum and Fly Ash	IJMETMR	2017
Effect of rice husk ash on properties of concrete using steel and polyster fibers	IJMETMR	2017
Effect of rice husk ash on properties of concrete using steel and polyster fibers	IJMETMR	2017
Experimental Analysis of Concrete With the Partial Replacement of Fireclay by Cement And Foundry Sand by Fine Aggregate	IJAERD	2017
Experimental Investigation on Durability Properties of Concrete using Hybrid material (Nano Ricehusk Ash and Nano FlyAsh) as a partial replacement of OPC	I JAERD	2017
Experimental Investigation on Mechanical Propertiesof Self Compacting Concrete by Partial Replacement of FlyAsh and GGBS	IJAERD	2017
Experimental investigation on durability properties of self compacting concrete by partial replacement of fly ash and GGBS	IJAERD	2017
Experimental investigation on the mechanical properties of concrete by partial replacement of cement with flyash and kadapa stone dust	IJAERD	2017
Experimental Investigation on Portland Pozzolana Cement Concrete by Partial Replacement of Fine Aggregate with Ceramic Waste and Quarry Dust.	IJIRT	2018
experimental investigation on light translucent concrete by using stone powder & ggbs as partial replacement of cement	Journal of Applied Science and Computations	2018
Experimental investigation on durability properties of portland pozzolana cement concrete by using ceramic waste and quarry dust as partially replacement of fine aggregate	JETIR	2018
Experimental investigation on durability properties of concrete by using phosphogypsum and flyash	International Journal of Scientific Research and Review	2018

Geopolymer bricks by using Flyash, GGBS, Silica fume and kadapa slab dust	IJRTE	2019
An empirical implementation model of total quality management in construction: Southern India, International Journal of Construction Management,	International Journal of Construction Management,	2020
An experimental investigation on mechanical properties of Geopolymer concrete by using GGBS, Granite powder, marble powder	GIS Science Journal	2021
An experimental Investigation on durability propereties of concrete by partial replacement of cement with different types of slags	PENSEE INTERNATIONAL	2021
A Comparative investigation on mechanical properties of different types of slags in partial replacement with cement for M30 grade concrete	PENSEE International	2021
An experimental investigation on mechanical properties of Geopolymer concrete by using Silica fume, mildsteel slag and GGBS,	GIS Science Journal	2021
An experimental investigation on mechanical properties of Geopolymer concrete by using GGBS, Granite powder, marble powder	GIS Science Journal	2021
Assessment of domestic water quality supplied from Annamaiah project to Rajampet town	JETIR	2022
NR Gowthami, K Ajaya Kumar Reddy, B Raghunatha Reddy Performance of opc mortars partially replaced by kadapa slab, marble and barites powder against chemical impact	EUROPEAN CHEMICAL BULLETIN	2023
An investigation of the biomedical waste ash on cement mortar bricks	EUROPEAN CHEMICAL BULLETIN	2023
Ultimate Load Behaviour of Segmental Composite Slabs”	Recent Advances in Material Sciences, lecture notes on multidisciplinary industrial engineering.	2018
A Graphical User Interface for Mix Design of Standard Concrete	ICDSMIME-	2024
Suji Aparna A Novel Dual Temporal Channel Convolutional Network with Exponential Distribution Optimizer for Satellite Image Classification with Google Earth Engine	ICUIS	2024
Optimizing Image Quality and Information Content with NSCT -PCNN Fusion for Medical and Remote Sensing Image communicated to 2024 Intelligent Systems and Machine Learning Conference	ISML	2024

Publication Details:

S.No.	Title of Patent	Submitted/Published/ Awarded

	NIL	