**ANNAMACHARYA UNIVERSITY FACULTY DETAILS FOR WEBSITE**

**About Profile**



NAME: Dr NR Gowthami

DATE OF BIRTH:28-10-1990

DESIGNATION: Asst. Professor

DEPARTMENT: Civil Engineering

EMAIL ID: nrg@aitsrajampet.ac.in

DATE OF JOINING:14-12-2014

EMPLOYEE ID: AITS\_01\_1208

## Academic Profile:

| **Qualification** | **Name of the Board/University** | **YEAR** |
| --- | --- | --- |
| **Doctoral Degree(Ph.D)** | **Visveshwarayah Technological University-Belagavi** | **2023** |
| **M.Tech (Structural Engineering)** | **Jawaharlal Nehru Technological Univeristy(Anantapuramu)** | **2014** |
| **B.Tech(Civil Engineering)** | **Sri Krishnadevaraya University** | **2012** |

## Research Details

1. Areas of Specialization: Structural Engineering, Material Technology and construct project management
2. **List of Publications:** 22
3. **Awards Received** : NIL
4. **Research Guidance**:
5. No. of PhD Guided:
6. No. of M. Tech. Guided:16
7. No. of B.Tech Guided:121
8. **Details of Professional Membership**: MIE, MISTE & MIAENG.
9. **Subjects Taught:** Engineering Mechanics, Strength of Materials, Concrete Technology, Structural Analysis, Basic Reinforced Concrete Design, Advanced RCC Design, Design of steel structures and 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 mortat 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 |

## Patent Details

| **Sno.** | **Title of Patent** | **Submitted/Published/Awarded** |
| --- | --- | --- |
|  | **NIL** |  |
|  |  |  |