

## GUNDAPANENI SAI KRISHNA

**Department:** Civil Engineering

**College:** Gudlavalleru Engineering College

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Veedhi, Ashok Nagar Vijayawada - 520007

### ACADEMIC QUALIFICATIONS:

<i>Course</i>	<i>School/College</i>	<i>Board/University</i>	<i>Year of passing</i>
M.E (Hydraulics)	Andhra University, Visakhapatnam	Andhra University	2012
B.Tech. (Civil Engineering)	V.R. Siddhartha Engineering College	Acharya Nagarjuna University	2009
Intermediate (MPC)	Gowtham Junior College, Vijayawada	Intermediate Board Of Andhra Pradesh	2005
10 <sup>th</sup> standard	Bhasyham High school, Rajahmundry	SSC, Andhra Pradesh	2003

### PROFESSIONAL EXPERIENCE:

DESIGNATION	INSTITUTION	PERIOD
Assistant professor	Gudlavalleru Engineering College	From June, 2012 to till date

### PROJECTS GUIDED:

PhD	Post Graduation	Under Graduation
-	-	18

## **SPECIALIZATION: HYDRAULICS AND WATER RESOURCES ENGINEERING**

### **RESEARCH PAPERS / BOOKS:**

#### **JOURNAL PAPERS**

- Phani kumar. V, G.Sai Krishna, A. H. L. Swaroop “Sealing of Sandy Soil Ponds with Clay Layer”. International Journal of Engineering and Innovative Technology. (IJEIT) Volume 3, Issue 13245-3247, ISSN: 227749-3754, JULY 2013.
- G.Sai Krishna, G.T.N. Veerendra “Flood Frequency Analysis Prakasam Baraage Reservoir Krishna District, Andhra Pradesh using Weibull, Gringorten and L-Moment Formula”. International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development (IJCSEIERD) Vol. 5, Issue 2, ISSN(P): 2249-6866; ISSN(E): 2249-7978 Apr 2015.
- G.Sai Krishna , Determination of Water Requirements of Principal Crops Grown In Krishna District of Andhra Pradesh State, India. International Journal of Advances in Engineering and Management (IJAEM). Volume 2, Issue 6, pp: 109-114, September 2019.
- G.Sai Krishna, Physico-Chemical Analysis of Ground Water in Gudlavalleru, Krishna District, Andhra Pradesh, Indian International Journal of Advances in Engineering and Management (IJAEM). Volume 3, Issue 8 Aug 2021, pp: 203-209.
- G.Sai Krishna, A Study on Comparison of Water Quality Index in Vijayawada, NTR District, Andhra Pradesh, Indian International Journal of Advances in Engineering and Management Volume 5, Issue 5 May 2023, pp: 237-243
- G.Sai Krishna, Analysis of Groundwater Quality Using Water Quality Index in Machilipatnam Region, Krishna District, International Journal of Advances in Engineering and Management Volume 7, Issue 4 April 2025, pp: 851-856

#### **CONFERENCE PAPERS**

- N.Hari Pavan and G. Sai Krishna: Assessment of Soil Erosion in Upper Tungabhadra Sub division using Universal Soil Loss Equation and Geospatial Techniques, International Conference on Remote Sensing for disaster management, 11 th to 13 th October, 2017.
- Venkata Srinivasa Rao Nerusu, Siva Shanmukha Anjaneya Babu Padavala, Sai Krishna G Experimental investigation on tobacco waste ash for sustainable development Experimental investigation on tobacco waste ash for sustainable development IOP Conf. Series: Earth and Environmental Science 2022

### **BOOKS PUBLISHED IN PUBLICATIONS: NIL**

### **LIST OF WORKSHOPS ORGANIZED AND ATTENDED:**

- Attended one-day workshop “Recent advances in civil engineering” at DMSSVH Engineering College on 16th September-2012
- Attended Faculty Development Programme in the "Training Teachers for excellence" at Gudlavalleru Engineering College during 29th April -13 to May 5<sup>th</sup> 2013
- Attended ISTE work shop on Fluid Mechanics by IIT Kharagpur conducted at Gudlavalleru

Engineering College, Gudlavalleru on 20th May to 30-May -2014.

- Attended All India Seminar on “Recent developments in Retrofitting, Repairs and Rehabilitation of Structures held during 11-12<sup>th</sup> July, 2015.
- Attended One- day National Seminar on “Advances in Water Resources Engineering held on 26<sup>th</sup> September, 2015 at R.V.R & J.C College of Engineering.
- Attended two week ISTE STTP by IIT Kharagpur on Introduction to Structural Engineering from 30<sup>th</sup> November, 2015 to 9<sup>th</sup> July, 2016.
- Attended Workshop-cum Training Program on Urban Flood Management: Technology Driven solutions Conducted at BITS Pilani, Hyderabad Campus during March 03-04, 2017.
- Attended Faculty development programme in Entrepreneurship from 06-02-2017 to 21-02-2017 at Gudlavalleru Engineering College
- Attended in One week faculty development programme on Advancements in Construction Materials from 25<sup>th</sup> June to 29<sup>th</sup> June 2018 at Gudlavalleru Engineering College, Gudlavalleru
- Attended NPTEL Workshop Conducted on 6<sup>th</sup> December, 2018 at Gudlavalleru Engineering College, Gudlavalleru
- Attended Three-day faculty development program on “Current research avenues in Civil Engineering” organized by department of Civil Engineering Tontadarya College of Engineering, Gadag, from 29<sup>th</sup> to 31<sup>st</sup> May, 2020.
- Attended Three day online FDP on “Recent & Emerging trends in Civil Engineering” from 28<sup>th</sup> May to 30<sup>th</sup> May 2020.
- Attended One Week Online Faculty development programme on “ Civil Engineering Research – A step forward organized by Department of Civil Engineering, Gudlavalleru Engineering College from 25<sup>th</sup> to 30<sup>th</sup> May 2020.
- Attended 8-Day Face to Face UHV-II FDP Organized by AICTE at Vasavi Engineering College, West Godavari from 17<sup>th</sup> July to 24<sup>th</sup> July 2024.
- Attended A I C T E ( A T A L ) faculty development program on “Disaster risk reduction through Sustainable infrastructure” organized by department of Civil Engineering Ramachandra College of Engineering, from 16<sup>h</sup> to 24<sup>th</sup> December, 2024

**CERTIFICATIONS: Natural Hazards, Fluid Mechanics**

**GUEST LECTURES DELIVERED: NIL**

**MEMBERSHIP IN PROFESSIONAL BODIES: AMIE -IE(I)**

**CONSULTANCY ACTIVITIES: NIL**

**GRANTS FETCHED: NIL**