

Name: G.Sambasiva Rao
 Designation: Assistant Professor
 Department: Civil Engineering
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Experience (in years): 6 yrs Teaching: 4 yrs

Industry : 2yrs

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	M.E	2016	Transportation Engineering
2	B.E	2014	Civil Engineering

2. Teaching and Learning:

2.1. Teaching Interests:

- UG: Highway Engineering, Railway and Airport Engineering, Surveying, Solid Mechanics, Traffic Engineering, Engineering Graphics, Transportation Engineering Laboratory and surveying filed work laboratory, Smart Cities, Intelligent Transportation System, Building construction and Planning, Concrete technology laboratory
- PG: Urban Transportation Planning, Traffic engineering laboratory, Pavement material characterization laboratory

2.2. Novel Teaching & Learning Techniques adopted:

Student interactive teaching, Impart e-learning activity through NPTEL

2.3. Involvement in curriculum updating / Design:

- Designed syllabus for UG subjects of Highway Engineering, Railway and Airport Engineering and Surveying for R-19 curriculum

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

- Playing badmintation, Volley ball, Kabaddi

3.2. CCA/ECA Organized:

1. Standards Training & Writing Competition through Bureau of Indian Standards

3.3. CCA/ECA participated:

1. NPTEL Course on Python for Data Science (FDP)
2. Attended Faculty Development Programme on “ RECENT TRENDS IN CIVIL ENGINEERING organized by Department of Civil Engineering, J B INSTITUTE OF ENGINEERING & TECHNOLOGY from 20th – 25th Feb 2023
3. Attended Day Faculty Development Program on “Applications of Artificial Intelligence & Machine Learning in Civil Engineering” organized by Department of Civil Engineering, ACE Engineering College, Hyderabad
4. NPTEL Course on Introduction to Machine Learning (FDP)

3.4. Counseling and Mentoring Activity:

Counsellor for II, IV B.Tech Students (30 Students)

3.5. Committees involved in:

Department level: Admissions committee, Guest lectures

Institute Level:

4. Conference / Workshop / Seminar / Guest Lectures :

4.1 Conducted:

- Two-day National Workshop on **Next Generation Concrete** (NGC-2018) during Feb 2-3 organized by dept of civil engineering, Vignan's University.
- Model expo on **Exhibition on Civil Engineering models** during Sept 14 -15, 2017 organized by dept of civil engineering, Vignan's University
- Seminar on Awareness on **GATE** and **IES** by THE GATE ACADEMY on Feb 6 2018

4.2 Attended:

- Two days workshop on Mitigation of Road Disasters held at NITK 2014
- One Week TYReS Workshop held at NITW May 2015
- Three-day faculty development program on advances in structural health monitoring of civil infrastructure (ASHMCI), during March 22-24, 2017 NITW
- Two-day workshop on "High Rise Buildings and Soil Structure Interaction" organized by dept of civil engineering, NITW, March 25-26.
- Faculty Orientation Programme from 20-27 June 2016 held in Vignan's University, Guntur.
- One Day National Seminar on Geotechnical Investigations (NSGI-2017) on Feb-18 2017.
- Presented a Paper in National Conference on Technological Innovations in Civil Engineering May 19-20, 2017 held in Vignan's University.
- GIAN Course on "**Implementation of Advanced Transportation Management Systems (ATMS)**" during 04-08 September 2017 held at NITW.
- Two-day workshop on "Recent Trends in Pavement Engineering" organized by dept of civil engineering, Bapatla Engineering College, Feb16-17, 2018.
- One day National Seminar on Dam Engineering (An emphasis on Polavaram project) organized by dept of civil engineering, Vignan's University, March 10, 2018

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: Nil

5.2. Articles / Chapters published in Books: Nil

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided :

a) UG :3 b) PG :0

5.5. Research Interests: Pavement materials

5.6. Ph.D students :

a) Enrolled : Nil

b) Submitted : Nil

c) Awarded : Nil

5.7. Papers published in reviewed journals :

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Performance Studies on Bituminous Mixes using Crumb Rubber Modified Bitumen	VFSTR Journal of STEM, Vol. 03, No. 01 (2017)	2455 2062		National
2	Sustainable concrete pavement design for rural roads with the replacement of cement by fly ash	IJCIET, Vol.9, Issue 5, May 2018	ISSN:0976-6316, Page no 198-207.		International
3	Utilization of plastic waste in the construction of flexible pavement	IJCIET, Vol.9, Issue 7, July 2018	ISSN:0976-6316, Page no 182-189.		International

5.8. Papers presented at National / International Journals :

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Conference paper on “An Investigation on Superpave Mixes with Polymer Modified Bitumen and Crumb Rubber Modified Bitumen an Experimental Study	NCTICE-2017, Dept. of Civil Engg., Vignan University	National	19th - 20th May 2017
2				

5.9. Sponsored research Projects:Nil

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:Nil

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received: Nil

7. Motto: *Duty is God; Work is Worship*