



Name : **Dr. S.S.S.V.Gopala Raju**

Designation : **Professor & Head**

Name of the Department : **Civil Engineering**

Address for Communication : **Department of Civil Engineering,
GITAM School of Technology
GITAM University, Rudraram
Patancheru, Medak, Andhra Pradesh 502326
gopalaraju@gitam.edu**

Date of Birth : **29-08-1973**

Qualifications :

Name of Degree	Branch / Specialization	Class obtained	University/ Institute	% of Marks
Ph.D	Civil Engg	-	Andhra University	-
M.Tech	Civil Engg	No class will be given by IIT	IIT Madras	8.12 / 10
B.E	Civil Engg	Distinction	Andhra University	78 %

Professional Experience :

a. Teaching:

S.No	Position held	Name of the employer
1.	Professor & Head	GITAM University
2.	Associate Professor	GITAM University
3.	Associate Professor	MVGR College of Engg.
4.	Sr. Assistant Professor	GITAM College of Engineering
5.	Assistant Professor	GITAM College of Engineering
6.	Lecturer	NIT Warangal

b. Research / Industrial

S.No	Position held	Name of the employer
1.	Senior Engineer	Style + Structure
2.	Senior Engineer	ISN Raju Constructions Ltd
3.	Highway Engineer	TNRDC, Chennai
4.	Site Engineer	ISN Raju Constructions Ltd
5.	Civil Supervisor	NEC, Visakhapatnam

Research Projects:

S.No	Title of the Project	Funding Agency	Status
1.	Strength Assessment of Concrete Structures exposed to Elevated Temperatures using NDT	GITAM University	Completed

Ph.D Guidance :

S.No	Name of the Student	Topic	Status
1.	G. Tirupati Naidu	Reliability Analysis of Sutures	On going
2.	K . Poleswara Rao	Earth quake Resistant Structures	On going
3.	V. S. Sivarama Raju	Sugar Cane ash in Concrete exposed to temperatures	On going

M.E/M.Tech Dissertations guided:

S.No	Regd. No	Name of the Candidate	Topic
1.	96041505	G.A.V.Sashi Kanth	Condition Assessment of concrete structures in marine environment
2.	96041515	Trilochan Jena	A study of carbonation in concrete structures in marine environment
3.	96041507	K.Raja Mouli	Reliability based life assessment of concrete structures in marine environment
4.	97041504	V.Sannidha	Health Monitoring of structures

Research Papers Published:

S No.	Title of Paper	Name of Journal	Year, Issue No, Month
1	Assessment of Noise level due to vehicular traffic at Warangal city, India	<i>International Journal of Environment and Pollution, U.K</i>	2007, Vol 30. No.1, pp.137-153
2	Nondestructive Assessment of concrete structures exposed to fire	<i>International Journal of Applied Environmental Sciences</i>	2009, Vol.4, pp.25-31
3	Influence of Cooling type, Duration and Cyclic heating on Strength of Concrete exposed to Elevated Temperatures	<i>International Journal of Applied Engineering Research</i>	Vol.5, No.1, 2010, pp 87-90
4	Use of Dunite in Fire Resisting Cement Concrete	<i>International Journal of Material Sciences</i>	Vol.4, No.3, 2009, pp.191-195
5	Study on Behaviour of Fire Affected Concrete Using Rebound Hammer and Ultrasonic Pulse Velocity	International Journal of Advances in Science and Technology	Vol.2, No.1, (2011)
6	Reuse of Polyethylene waste in road construction	<i>Journal of Environ. Science & Engg.</i>	2007, Vol.49 No.1, pp.67-70

7	Strength Assessment of Existing Concrete Structures in Coastal Environment- Case Studies	<i>Journal of the Institution of Public Health Engineers India</i>	Vol. 2009-10, no.2, pp. 50-52
8	Deterioration of Concrete Structures and its Damage Assessment	<i>Journal of Environmental Science and Engineering</i>	Vol.52, No.3, July 2010, pp.265-268
9	Condition Assessment of R.C.C. Buildings Exposed to Sea Environment	<i>Journal of Structural Engineering</i>	Vol.2,No.4,Oct.2009,pp.60-65
10	Utilization of Building Waste in Road Construction	<i>Indian Journal of Science and Technology</i>	Vol.3, No.8, Aug,2010, pp894-896
11	Vulnerability Analysis in Seismic Design of Structures	<i>International Journal of Earth Sciences and Engineering</i>	Vol.4, No.5 spl, September 2011.
12	Vehicular Growth and Its Management in Visakhapatnam City – Case Study	<i>Indian Journal of Science and Technology</i>	Vol. 4, No. 8 , Aug 2011, pp 903 - 906
13	Geometric Corrections to Hill top road from Hanumanthawaka to Simhachalam- Case Study	<i>Indian Journal of Innovations and Development</i>	Vol.1, No.5, May 2012, pp.207-217
14	Site suitability study for an international airport in Visakhapatnam	<i>Indian Journal of Innovations and Development</i>	Vol.1, No.5, May 2012, pp.203-206
15	Development of PCU factors and capacity norms at mid blocks of rural highways in Visakhapatnam	<i>Indian Journal of Innovations and Development</i>	Vol.1, No.5, May 2012, pp.197-202
16	Network analysis of roads using Geographical Information Systems	<i>Indian Journal of Innovations and Development</i>	Vol.1, No.5, May 2012, pp.395-399
17	Identification of black spots and junction improvements in Visakhapatnam city	<i>Indian Journal of Innovations and Development</i>	Vol.1, No.6, June 2012, pp. 469-471
18	Pushover Analysis of Unsymmetrical Framed Structures on Sloping Ground	<i>International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development</i>	Vol.2, No.4, Dec, 2012

List of Publications in Conferences / Seminars:

S No.	Title of Paper	Name of the Seminar	Year
1	Vulnerability Analysis in Seismic Design of Structures	International Engineering Symposium Kumamoto University , Kumamoto, JAPAN	3rd to 5th march 2011
2	Damage Assessment of Structures in Marine Environment	National Seminar on “Modern Trends in Construction Industry” SRKR Engineering College, Bhimavaram	12 th July, 2007
3	Risk Assessment in Multistoreyed Structures subjected to wind and Earthquake Loads	National program for Capacity Building of Engineers in Earthquake Risk Management , GVP College of Engineering, Visakhapatnam	4-9 th June, 2007
4	Risk and Damage assessment in Existing Structures	National program for Capacity Building of Engineers in Earthquake Risk Management , GVP College of Engineering, Visakhapatnam	4-9 th June, 2007
5	Health Monitoring of Concrete Structures	National seminar on “Emerging Technologies in Civil Engineering for sustainable development” SRKR Engineering College, Bhimavaram	27-29 Dec, 2006
6	Influence of wind and earth quake loads on multistoried structures	National Programme for capacity building of engineers in earthquake management, GVP College of Engineering, Visakhapatnam	17- 22, April, 2006
7	Risk assessment and design of structures	Natural disaster Management, A.U	27-28, Feb, 2006
8	Geotechnical feasibility studies of port connectivity in Visakhapatnam- case study	Geo Practice 2005 case studies in geotechnical engineering	2005
9	Vehicle Population and Its Growth	Environmental Issues in Traffic and Transportation Engineering, NIT Warangal	2003
10	Incorporation of Reinforced layer in Flexible Pavement Construction	Recent Advancements in Civil Engineering, KITS, Warangal	2003
11	Use of Polyethylene waste in stabilization of sub grade soils	IRC, National seminar on Integrated Development of Rural Arterial Road Network for Socio Economic Growth, New Delhi	2003

Consultancy works carried out:

S No.	Project Title	Sponsor	Duration (Years)	Amount (Rs.)	Status
1	Detailed Project Report (DPR) on Basic Infrastructural facilities to Urban Poor (BSUP) under JNNURM,	GVMC Visakhapatnam	3 years	0.78 % of Project Cost	In Progress
2	Design of road alignment	M/s Bay Park Hotel & Resorts Ltd, VSP		15,000/-	completed
3	Total station survey and earthwork quantities	M/s ESR Vidya Sagar & Associates, VSP		12,000/-	completed
4	Determination of road roughness at srikakulam	M/s Feed Back Ventures Pvt. Ltd		6,000/-	completed
5	Topography survey and contour map for the land of 267 acres at Maduraw ada	VUDA		2,40,000/-	completed
6	Topographical survey and contour map preparation for the land of 119.5 acres at Madhuraw ada	APIC		2,15,000/-	completed
7	Topographical survey and contour map preparation for the land of 7 acres at Circuit House, VSP	VUDA		14,000/-	completed
8	Topographical survey and contour map preparation for the land of 250 acres at Madhuraw ada	VUDA		3,75,000/-	completed
9	Design of Rigid Pavement at Anakapalli Market Yard	EE, Dept. of Marketing, VSP		5,000/-	completed
10	Planning and Design of new road near circuit house for MCV	Commissioner, MCV, VSP		70,995/-	completed
11	GPS survey in vacant lands in the ward nos 36 & 37 of MCV	Commissioner, MCV, VSP		67,515/-	completed
12	Topographical survey and contours preparation for the land of Old Central Jail, VSP	VUDA		35,000/-	completed

Memberships:

1. Life Member, Indian Society for Technical Education (ISTE) LM-43589
2. Life Member, Indian Society for Construction Materials and Structures (ISCMS) LM-685
3. Life Member, Indian Society for Rock Mechanics and Tunneling Technology (ISRM TT)(LM-1734)
4. Life Member, Indian Roads Congress (IRC) LM-31960
5. Life Member, Indian Geotechnical Society (IGS) LM-2430
6. Life Member, Indian Society for Remote Sensing (ISRS) LM-2958
7. Life Member, Indian National Cartographic Association (INCA) LM-2170
8. Life Member, Indian Association of Hydrologists (IAH) LM-1423
9. Life Member, Indian Science Congress Association (ISCA) LM-12706
10. Life Member, Indian Urban Transport (IUT) LM-963
11. Member, Institute of Structural Engineers, UK (IStructE) 088365444
12. Member, Institute of Civil Engineers, U.K (ICE)
13. Member, American Society of Civil Engineers (ASCE)
14. Life Fellow member, Institution of Valuers, India (FIV) F-20365
15. Life Member, Indian Society for Wind Engineering (ISWE) LM-478

- 16 Life Member, Indian Society of Lightning Engineers (ISLE) LM-1536
 17 Life Member, Indian Society of Water Management (ISWM)
 18 Life Member, Indian Society of Education and Environment (ISEE) LM-1098
 19 Life Member, Solar Energy Society of India (SESI)
 20 Life Member, Institute of Engineers (India) – M-141592-6
 21 Senior Member, IACSIT, Membership No: 80345799

Editorial Broad Member

1. International Journal of Civil Engineering (IJCE)
2. International Journal of Earth Sciences and Engineering (IJEE)
3. Indian Journal of Science & Technology (IJST)
4. International Journal of Civil Engineering Research (IJCER)
5. International Journal of management and development studies (IJMDS)
6. International Journal of Basic and Life Sciences (IJBSL)
7. Journal of Sustainable Civil Engineering (JSCE)
8. World Economy of Science, Engineering and Technology (WASET)

National & International Seminars / Conference / Workshops / Training Programmes Attended/Conducted

S No.	Title	Duration	Institution
1	Recent Trends in Geotechnical Environmental Engineering	5 days	IIT Guwahati, Guwhati
2	Indo-US workshop on Recent Advances in Transportation Engineering	3 days	IIT Madras, Chennai
3	Emerging Technology in Civil Engineering for Sustainable Development	5 days	SRKR Bhimavaram
4	Total Station & 3-D Civil Software	30 days	Andhra University
5	Advances in Structural Dynamics and its applications	3 days	G.I.T.A.M
6	Natural Disaster Management	2 days	Andhra University
7	Pavement & Traffic Engineering	4 days	IIT Kanpur
8	Environmental Issues in Traffic and Transportation Engineering	13 days	NIT Warangal
9	IT applications in project Management	3 days	ESCI, Hyderabad
10	RS & GIS Applications in Urban Planning	8 weeks	IIRS, Dehradun

Guest lectures delivered as Resource Person:

S. No	Topic	Institution / Organization
1	Damage Assessment of Structures in Marine Environment	SRKR Engineering College, Bhimavaram
2	Health Monitoring of Concrete Structures	SRKR Engineering College, Bhimavaram

Administrative Duties:

- Head of the Department
- Member, Board of Studies
- TEQIP, Coordinator
- Coordinator for Training and Placement
- Chief Superintendent of Examinations
- Warden boys' hostel
- Chairman, Academic Monitoring Committee
- Teacher in charge
- Transportation Engineering Lab in charge

Social Responsibility:

- Designed Children's' Traffic Park in VUDA park for Commissioner of Police, Visakhapatnam
- Designed Traffic Islands at Maddilapalem, Seven Hills, Dabagardens and Old jail.

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