

Resume

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Date of Birth: 05-12-1968

Nationality: Indian-Hindu

Address for Communication

Associate professor

Dept of Civil Engineering,

KSRM College of Engineering

Kadapa-516002

1. Qualifications

Degree	Institution/ University	Year of Passing	Class Obtained	Sub/Specialization
B.Tech	KSRM College of Engineering-Kadapa/ SV University	1990	I st class	Civil
M. Tech	JNTU College of Engineering-Ananthapur/ JNTU Hyd	2005	I st class with distinction	Structures
PhD	JNTUA-Ananthapuramu	2015	--	Civil Engg/ Structures

2. Experience

Post Held	Employer	Period		No of Years
		From	To	
Associate professor	Principal KSRMCE-Kadapa	Aug-2010	Till today (June-2017)	6 years 10 Months
Assistant Professor	Principal KSRMCE-Kadapa	Sep-2007	July-2010	2 Years-11 Months

Assistant Professor (Adhoc)	Principal KSRMCE-Kadapa	Dec-2005	Aug-2007	1 Year-9 months
Sr Civil Engineer	KCP Builders-Hyd	Jan-2005	Nov-2005	11 Months
Sr Civil Engineer	RAO Constructions-B'lore	Dec-2001	Dec-2002	1 Year-1 Month
Sr Civil Engineer	Barrage Techno Solutions- Hyd	Aug-2000	May-2001	10 Months
Site Engineer	RITES-New Delhi	Feb-1999	Sep- 1999	8 months
Sr Civil Engineer	Vamsee Constructions Ananthapur	Mar-1996	Jan-1999	2 years-11 Months
Site Engineer	LCC -Ananthapur	Aug-1994	Jan-1996	1 Year-6 Months
Site Engineer	MVS Constructions- Puttaparthi	July-1990	Aug-1992	2 Years-2 months
	Teaching proficiency			11 Years-6 Months
	Industrial Proficiency			10 Years -1 Month

3. Subject Proficiency

Undergraduate Level

1. Concrete Technology
2. Reinforced concrete design
3. Construction Planning and Management
4. Estimation , Costing and Valuation
5. Construction Technology and Project Management
6. Surveying-I,II
7. Design and Drawing of Irrigation Structures
8. Finite Element Methods in Civil Engineering
9. Elements of Civil Engineering
10. Traffic Engineering
11. Quantity Surveying

Post Graduate Level

1. Shallow Foundation
2. Project planning and Management

4, Research Experience

1. Involved actively participated in the following research fields of Engineering

- Recycling of waste aggregates like **Ceramic waste, Paper pulp, Barites** waste.
- Usage of **chemical and mineral admixtures** in concrete making and studied strength and durability behavior of concrete.
- **SIFCON**(Slurry Infiltrated Fibrous Concrete)
- **Design** of Multistoried structures with STRAAD PRO
- Addition of **Natural and Artificial Fibers** in concrete making and study the performance of concrete.
- Addition of artificial and natural fibers into the soil and study its behavior

2. Publications

a) Book

- Published a book on “ **Properties and Management of Ceramic Waste in India**” in Lambert Publishing Academy

b) Journal Papers

- Published a paper on “**Strength properties of Air Entrained Concrete**”, International journal of Engineering And Science (IJES), Vol-2, Issue-9, pp 7-14, October-2013.
- Published a paper on “**Effect of Sugar and Jaggery on Strength Properties of Concrete**” in International journal of Engineering And Science (IJES), Vol-2, Issue-10, pp 1-6, Nonember-2013.
- Published a paper on “**Influence of Water Absorption of the Ceramic Aggregate on Strength Properties of Ceramic Aggregate Concrete**”, International Journal of Innovative Research in Science, Engineering and Technology, Vol-2, Issue-11, pp 6329-6335, November-2013.

- Published a paper on” **Effect of Ceramic Recycled Aggregate on Chloride Ion Permeability of Concrete**”, International journal of Emerging Trends in Engineering and Development, Vol-6, Issue-3, pp 244-251, November-2013.
- Published a paper on “**Development of Regression Models for Strength of Ceramic Waste Aggregate Concrete**”, International journal of Emerging Trends in Engineering and Development, Vol-1, Issue-5, pp 167-178, December-2015.
- Published a paper on “**Experimental Studies on Clay, Bentonite, and Leachate Mixer as Liner Material**” International journal of Innovative Research in Advanced Engineering, Vol-2, Issue-1, pp 274-280, January-2015.
- Published a paper on “**Seismic Base Isolation With Geo-Synthetic Liners-Current Research**”, International journal of Emerging Trends in Engineering and Development, Vol-5/Issue-5/pp 18-32, August-2015
- Published a paper on “ **Influence of Ceramic waste aggregate properties on strength properties of ceramic waste aggregate concrete**”, International Journal of Research in Engineering and Technology, Vol-4/Special Issue-13/pp15-24, December -2015
- Published a paper on“ **Exposure Effect of HCl On Strength Properties Of Ceramic Waste aggregate concrete**”, International Journal of Current Trends in Engineering and Research, Vol-2/Issue-4/pp305-312, April-2016
- Published a paper on “**An Experimental Study on Strength Characteristics of Expansive Soil Treated with Zycobond**”, International journal of Innovative Research in science, Engineering and Technology, Vol-6, Issue-1, pp 1026-1032, Jan-2017.
- Published a paper on “**Behavior of Black Cotton Soil Using Soil Tech MKIII polymer as Stabilizer**”, International journal of Innovative Research in science, Engineering and Technology, Vol-6, Issue-2, pp 2613-2624, Oct-2017.

3. Work Shops and conferences attended

- Attended on day work shop on “**Applications of Artificial Neural Networks in Civil Engineering**”, held on 16th Feb-2008, organized by JNTUA-Anantapur

- Attended all India work shop on “**Concrete Mix Design**” 13-14 September-2008, Organized by KSRMCE-Kadapa.
- Attended a national work shop on “**Finite Element Applications**” 4th July-2009, Organized by KSRMCE-Kadapa.
- Attended one day pre-conference work shop on “**Past, Present and Future Scenarios in Water Resources, Coastal and Ocean Engineering**” held on 11th March 2015. Organized by National Institute of Technology Karnataka-Surathkal.
- Presented a paper in National conference on “**Water for Life**” on 14th March 2010 Conducted by KSRMCE-Kadapa
- Participated in National Conference on “**Recent Advances in Structural Engineering**” On 4th April 2008 Organized by JNTUA College of Engineering-Anantapur.
- Attended an international conference and presented a paper on “**Influence of Ceramic waste Aggregate properties on Strength of Ceramic Waste Aggregate Concrete**” organized by Department of Civil Engineering Osmania university college of Engineering, may be held on 12-14 of December 2015.
- Attended National short Term Training Course on “**Design Of Coastal And Offshore Structures**” held on 01-05 February -2016, organized by Dept of Civil Engineering, Andhra University College Of Engineering(Autonomous)-Visakhapatnam.
- Presented a paper on “**Prediction of compaction characteristics of Fine – Grained Soils**” held on 21st Feb 2015.Hyderabad

4. Research guidance:

List of Post graduate projects Guided

S.No	Title of the Project	Duration
1	Some Experimental studies on Clay, Bentonite Mixer as Liner Material	2014-15
2	Behavior of Expansive soils	2014-15
3	Experimental Studies on Characteristics of Soils Reinforced With Banana Fiber	2015-16
4	Study on Micro Silica Fume on Sub grade Characteristics of Expansive Soils	2015-16
5	An Experimental Study on Strength Characteristics of Expansive	2016-17

	Soil Treated with Zycobond	
6	Behavior of Black Cotton Soil using SoilTech MK III Polymer as a Stabilizer	2016-17

List of under graduate Projects guided

1	Experimental study on flexural behavior of concrete with steel and bamboo reinforcement	2016-17
2	Investigation on concrete replacing coarse aggregate with cuddapah slab aggregate	2016-17
3	Behavior of concrete replacing cement by Red mud	2016-17
4	Behavior of Reinforced Concrete Flexural Member with Banana and Coir fibers	2015-16
5	Behavior of Concrete Replacing Cement with Cuddapah Slab Waste	2015-16
6	Design of Minor Irrigation Tank at Mantapampalli- Acase study	2015-16
7	Experimental Studies on Durability of concrete by addition of Admixtures with freeze and Thaw test	2014-15
8	Road Accidental Analysis and safe remedial measures	2014-15
9	Planning, Analysis, Design and Estimation of Commercial Building	2014-15
10	Effect of Waste Engine Oil in concrete composition	2013-14
11	Experimental studies on Iron ore aggregate concrete	2013-14
12	Analysis and Design of Amenities Provided to the Remote villages (Kothapalli and Yadava Puram)	2012-13
13	Effect of Admixtures on strength properties of concrete	2012-13
14	Experimental studies on strength characteristics of Air-Entrained concrete by using Animal Fat	2011-12
15	Performance of ceramic waste aggregate concrete with Acid	2011-12

16	Some Experimental studies on Durability of ceramic waste aggregate	2010-11
17	Experimental Investigation in Developing Low cost concrete from Paper Pulp.	2010-11
18	Some Experimental studies on strength characteristics of ceramic waste aggregate	2009-10
19	Some Experimental studies on strength characteristics of ceramic waste aggregate concrete with steel fiber	2009-10
20	Design , Drawing and Estimation of Staff quarters	2008-09
21	Design , Drawing and Estimation of Multistoried structures	2007-08
22	Some studies on SIFCON	2006-07

5. Consultancy Services

Member of a consultancy service group at KSRMCE for the past 11 years and actively involved in generating funds to the institution

- Involved as a member of consultancy and successfully completed the **RUN WAY** to the **KADAPA Airport**
- Involved as a member of consultancy success fully executed Spirits college of PG studies, Nagarjuna Model School at Ramaraju palli, Srichaitanya residential school at bye pass road and many other projects.
- Involved as a member of a third party quality control for consultancy projects referred by **Hon' District court judge**, to assess the quality and stage completion of a **Nyayasadan** building at district court.
- Involved as a member of a third party quality control for consultancy projects referred by **Hon' District court judge**, to assess the **Valuation** of a building at Chennur Village, Kadapa dist.

6. Development Activities

- Procured new equipment for a worth of 6 lacks to the survey lab as a lab in charge, which includes **Total station, Auto-level, Dumpy level, Prismatic compass, Surveyor compass, and chains.**

- Procured new equipment for a worth of 6 lacks to the concrete testing laboratory which include 200 T Capacity **CTM, Accelerated curing tank, Blines air permeability apparatus, Rock well and Brinnel Hardness apparatus, Rapid chloride permeability apparatus, Extensometers, and graders** as a lab in charge.
- Procured a new 100 T **Universal Testing Machine** for a worth of 11.5 lacks, which includes inbuilt strain gauges.
- Acted as a key note speaker on “ **Concrete Mix Design**”
- Acted as faculty coordinator for the event “ **FUNTAZIA-2009**”

7 Administrative Experiences

Participated in various activities for development of institution and its details furnished below

1. Acting as a **Faculty in charge** for **New and Maintenance works** which are going on in the campus
 - **In KSRMCE** : As a in charge of construction following projects were competed : Silver Jubilee Block, PG block, IInd floor for Civil Block, Canteen, Boys hostel for Ist year students, Laying of concrete road in front of main block and construction of compound wall at Eastern side of the college. Total approximate cost of construction was nearly 10 crores.
 - **In KORMCE**: As a faculty in charge for construction, following structures were supervised: CSE block, EEE block, Administrative block and Light roof structures for Labs and laying of cement concrete road in front of main block. Total approximate cost of construction was nearly 7.5 crores.
 - **In KLMCE**: As a faculty in charge for construction, following structures were supervised: CSE block, EEE block, IInd floor main block, two ladies hostels for a capacity of 650. Total approximate cost of construction was nearly 7.5 crores.

Total approximate cost of construction for all structures is: 25 Crores
2. Class Teacher: Acted as a class teacher, motivated the students in participation of National level technical symposiums, motivated the group of members in preparation of new structural and architectural planning, motivated the students in participation of technical quizzes and initiated the students to improve soft skills in civil engineering.

3. Acted as faculty member of anti ragging committee to maintain discipline in and outside the campus.
4. Acting as in charge of disciplinary committee

8. Awards received

- Received the **Best teacher** award for the management of KSRMCE in 2011-12 academic year
- Received **Doctorial degree** in **CIVIL** Engineering from JNTU A-Ananthapuramu on “Experimental studies on strength and durability characteristics of ceramic waste aggregate concrete” Under the esteemed guidance of Prof H.Sudarsana Rao, Director, Industrial consultancy Services and Prof of Civil Engineering.
- Published a book on “ **Properties and Management of Ceramic Waste in India**” in Lambert Publishing Academy
- Appointed as **Associate Editor** for International publisher IJAET
- Appointed as a **Editorial/Reviewer/ Technical member** for international publisher IJCESR

12.Membership in professional bodies

- MIE: M-133554-5
- CE : 133554-5

Station: Kadapa

Signature of the candidate

Date:

(Dr V.Giridhar)