



## Satti Srikanth Reddy

1. Date of Birth, Age and Place of Birth: : 28/07/1991, 26, Visakhapatnam
2. Email-ID : srikanth.satti109@gmail.com
3. Educational Qualifications :

Qualification	University/Board	Name of the College	Specialization	Year of Passing	Division/Class	% of Marks
Ph.D.	Andhra University	A.U. College of Engineering	Civil Engineering	Pursuing		
PG	Andhra University	A.U. College of Engineering	M.E. Soil Mechanics and Foundation Engineering	2014	1 <sup>st</sup> Class with distinction	9.27 CGPA
UG	Andhra university	S. R. K. R. Engineering College	B.E. Civil Engineering	2012	1 <sup>st</sup> Class with distinction	8.6 CGPA
Intermediate	Board of Intermediate Education, A.P.	Sasi Jr. College	M.P.C	2008	1 <sup>st</sup> class	94.9
X Class	Board of Secondary Education, A.P.	St. Ann's E.M High School	S.S.C	2006	1 <sup>st</sup> class	89.0

4. Project/Thesis: UG: A Study of Recycled Paper Manufacturing Process and its Effluent Treatment

PG: Cost Economics of Reinforced Earth Retaining Wall

5. Teaching /Industry Experience:

S No	Designation	Organization	Period		Total Exp. Years and Months
			From	To	
1.	Assistant Professor	S R K R Engineering College	16/08/2016	Till Date	3 years and 5 months
2.	Assistant Professor	K L University	01/07/2015	06/07/2016	1 year
3.	Assistant Professor	R V R & J C Engineering College	19/02/2015	06/05/2015	2 months

6. Total Experience: **4 Years and 7 Months**

7. Any other Distinctions/Achievements:

- B.E in Civil Engineering in 1<sup>st</sup> class with distinction
- M.E in Soil Mechanics and Foundation Engineering in 1<sup>st</sup> Class with distinction

8. Research Experience:

(a) Research Papers Published in Journals

S No	Author (s) Name	Title of the Research Paper	National/International	Year of Publication	Name of the Journal	Vol.	Issue. No	Pages (PP)
1.	S. Srikanth Reddy, C. N. V. Satyanarayana Reddy, D. S. R. Murty	Seismic Stability of Retaining Walls	National	2019	Civil Engineering and Construction Review	32	9	40-46
2.	J. N. S. Surya Narayana Raju, S. Srikanth Reddy, P. Raju, K. Jagadeep	Red Brick Dust as a Partial Substitute to Cement in Conventional Concrete	International	2019	International Journal of Recent Technology and Engineering (IJRTE)	8	2	5632-5635
3.	S. Srikanth Reddy, A. C. S. V. Prasad	Quarry Dust as an Auxiliary Additive to Lime Stabilized Expansive Soil in Subbase	International	2019	International Journal of Recent Technology and Engineering (IJRTE)	7	6	1015-1018
4.	S. Bhanu Prasanth, S. Srikanth Reddy, K. Jagadeep, P. Raju	Effect of Silica Fumes and Polypropylene Fibres on Strength of Concrete	International	2018	IOSR Journal of Engineering	8	4	67-73
5.	S. Srikanth Reddy, A. C. S. V. Prasad, N. Vamsi Krishna	Lime-Stabilized Black Cotton Soil and Brick Powder Mixture as Subbase Material	International	2018	Advances in Civil Engineering	2018	-	e-journal, 5 pages
6.	C.N.V. Satyanarayana Reddy, S. Srikanth Reddy	Soil Retaining in Shallow Excavations by Casuarina Poles	National	2016	Civil Engineering and Construction review	29	02	64-68

7.	C.N.V. Satyanarayana Reddy, S. Srikanth Reddy	Cost Economics of Reinforced Earth Retaining Walls with Rock Flour as Fill Material	National	2015	Indian Journal of Geosynthetics and Ground Improvement	4	2	3-8
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(b) Research Papers Published in Conferences

S No	Author (s) Name	Title of the Research Paper	National/ International	Year of Publication	Name of the Conference	Pages (PP)
1.	C. N. V. Satyanarayana Reddy, S. Srikanth Reddy, S. G. Narayana Reddy	Properties of Rock Flour of Different Parent Rock and Suitability as Fill Material in Reinforced Soil Structures	National	2017	Indian Geotechnical Conference, IGC 2017	e-proceedings
2.	S. Srikanth Reddy, C.N.V. Satyanarayana Reddy	Comparative Study on Seismic Stability of Conventional and Reinforced Soil Retaining Walls	National	2016	National Conference on Sustainable Materials and Management Systems in Civil Engineering	246-255
3.	S. Srikanth Reddy, A.C.S.V. Prasad	Appraisal of Crumb rubber Powder and Cement Stabilized Black Cotton Soil as Subgrade material	National	2016	National Conference on Sustainable Materials and Management Systems in Civil Engineering	353-356
4.	C.N.V. Satyanarayana Reddy, S. Srikanth Reddy	Construction of Engineered Landfill Facility for Pharmaceutical Waste - A Case Study	International	2016	6 <sup>th</sup> Asian Regional Conference on Geosynthetics - Geosynthetics for Infrastructure Development	676-685
5.	S. Srikanth Reddy, C.N.V. Satyanarayana Reddy	A Study on Seismic Design of Reinforced Soil Retaining Walls with Sand and Crusher Dust as Fill Materials	National	2015	50 <sup>th</sup> Indian Geotechnical Conference	E-Proceedings
6.	C.N.V. Satyanarayana Reddy, S. Srikanth Reddy, S. G. Narayana Reddy	Comparative Study on Reinforced Sand and Rock Flour Retaining Walls	National	2014	Indian Geotechnical Conference IGC-2014	1069-1075

## (c) Workshops/STTP Attended

S No	Name of the workshop/ STTP	Place	Period	
			From	To
1.	One-week AICTE sponsored Short Term Course on "Porous Medium Theory and Applications"	IIT Madras	06/01/2020	11/01/2020
2.	½ FDP of one week NPTEL Course on "Electronic Waste Management – Issues and Challenges"	NPTEL & IIT Kharagpur	Academic Year 2018-2019	
3.	Full FDP of one week NPTEL Course on "Subsurface Exploration: Importance and Techniques Involved"	NPTEL & IIT Guwahati	Academic Year 2018-2019	
4.	One-week TEQIP sponsored Continuing Education Program on "Geosynthetics in Infrastructure Development"	NIT Warangal	28/01/2019	01/02/2019
5.	Two Day Workshop on "Good Construction Practices"	Andhra University, Visakhapatnam	01/10/2018	02/10/2018
6.	Two Day National Seminar on "NBC 2016 and Indian Standards: Innovations and Case Studies in Geotechnical Engineering"	RVR & JC College of Engineering, Guntur	06/07/2018	07/07/2018
7.	One-week AICTE sponsored Short Term Course on "Geosynthetics as Modern Civil Engineering Construction Materials"	IIT Madras	05/02/2018	10/02/2018
8.	AICTE Faculty Development Program on "Latest Software Applications in Civil Engineering"	S R K R Engineering College, Bhimavaram	23/10/2017	04/11/2017
9.	EDUCATE THE EDUCATOR'S Program	IIT Madras	05/02/2018	06/02/2018
10.	Workshop on "Research Facilities for Studies on Soil Liquefaction, Fire Affected Structures and Coast Protection Structures"	Andhra University, Visakhapatnam	27/03/2017	27/03/2017
11.	FDP on "Construction Project Management"	Shri Vishnu Engineering College for Women, Bhimavaram	27/09/2016	01/10/2016
12.	National seminar on "Recent Advances in Pavements for Infrastructure Development"	RVR & JC College of Engineering, Guntur	19/03/2016	19/03/2016
13.	Seminar on "Geotechnical Challenges in Developing Coastal Cities"	Andhra University, Visakhapatnam	05/03/2016	06/03/2016

## (d) Workshops Conducted

S No	Name of the workshop/ STTP	Place	Period	
			From	To
1.	Seminar on "Latest Trends in Civil Engineering – LatTICE'18" as Co-Convener	S R K R Engineering College, Bhimavaram	03/03/2018	03/03/2018
2.	AICTE Faculty Development Program on "Latest Software Applications in Civil Engineering" as Co-Convener	S R K R Engineering College, Bhimavaram	23/10/2017	04/11/2017
3.	Seminar on "Geotechnics for Expansive Soils" as Co-Convener	S R K R Engineering College, Bhimavaram	18/03/2017	18/03/2017

## 9. Administrative Positions Held

- NBA Sub-Coordinator of Civil Engineering Department, SRKREC.
- Took active role in NBA SAR preparation for the past 3 years as Co-Coordinator
- Organized Seminars and FDP in the past 3 years.
- Class teacher for the past 3 years for  $\frac{3}{4}$  B. Tech Civil students.

## 10. Subjects Taught

### a) UG Level

- Geotechnical Engineering I
- Geotechnical Engineering II
- Ground Improvement Techniques
- Engineering Mechanics
- Structural Analysis II
- Surveying II
- Watershed Management and Development
- Environmental Engineering Laboratory
- Geotechnical Engineering Laboratory I
- Geotechnical Engineering Laboratory II

### b) PG Level

- Earth Retaining Structures
- Advanced Foundation Engineering
- Construction Personnel Management

## 11. PROJECTS GUIDED

### a) UG Level

- A Study on Strength Characteristics of Bio-Polymer Stabilized Expansive Soil (2018-19)
- Study on Soft Soil Stabilized using Lime and Bio-Polymer (2018-19)
- A comparative study on Geotechnical applications of River sand and Sea sand (2017-18)
- Geotechnical aspects of Pavement Subgrade Failure: A Case Study (2017-18)
- Stabilization of Black Cotton soil using lime and brick dust (2016-17)
- Stabilization of Black Cotton soil using lime and rock flour (2016-17)

## 12. TECHNICAL SKILLS

- MS Office
- C Programming
- Primavera
- MATLAB
- Geo5

## 13. Details of Fellowships/Memberships of Professionals Bodies

- Life Member of Indian Geotechnical Society

## 14. Achievements:

- Got Rank 1 in APRCET 2018 in Andhra University.
- Secured a rank of 30 in AURCET 2017.
- Secured a GATE rank of 4687 in 2012.

## 15. Strengths:

- Quick Learner

## 16. Other Details if any:

- Presented a paper entitled "Comparative Study on Reinforced Sand and Rock Flour Retaining Walls", in Indian Geotechnical Conference 2014, Kakinada.
- Presented a paper entitled "A Study on Seismic Design of Reinforced Soil Retaining Walls with Sand and Crusher Dust as Fill Material", in Indian Geotechnical Conference 2015, Pune.
- Presented a paper entitled "Appraisal of Crumb Rubber Powder and Cement Stabilized Black Cotton Soil as Subgrade Material", in National Conference on Sustainable Materials and Management Systems in Civil Engineering, 2016, CBIT, Hyderabad.

I hereby declare that the information furnished above is true to the best of my knowledge.