

## PROFILE

**Name** : Annabathina Siva Krishna  
**Date of Birth** : 02-05-1991  
**Designation** : Assistant Professor, Civil Engineering.  
**Mobile No.** : +91 9618351070  
**Mail Id** : annabathinasiva@gmail.com



Confident of coordinating all initiatives of the institute with leadership vision and engage faculty in teaching, research and responsible for creating the right teaching- learning environment and achieve all round growth of the institute through continuous quality improvements.

### Educational Qualifications:

<i>Name of degree/Diploma/ Examination (With Field of Study/ Specialization in Bracket)</i>	<i>Name of the Examining Body (Name of the Body Awarding Degree/Diploma/ Certificate)</i>	<i>Year of Passing</i>	<i>Division /Class</i>	<i>% of Marks</i>
PhD (Structural Engineering)	K L University	2016	Pursing	
ME(Structural Engineering)	Global College of Engineering	2015	FIRST	74
B. Tech (Civil Engineering)	S V Institute of Engineering and Technology	2013	FIRST	64.7
Intermediate	Board of Intermediate Education.	2009	FIRST	72
SSC	Board of Secondary Education.	2007	FIRST	62

**Teaching/ Administrative/ Research Experience:**

Having Experience in Teaching Profession for 8 Years

<i>Name of the Employer(Full Name with location)</i>	<i>Designation</i>	<i>Date of Joining</i>	<i>Date of Leaving</i>	<i>Duration of work (in Yrs)</i>
<i>SVS College of Engineering, Warangal.</i>	Assistant Professor	03-08-2021	<i>Currently Working</i>	1 years 2 months
S R University, warangal	Assistant Professor	24-11-2015	03-07-2021	5 years 8 months
Bhaskar Engineering College, Hyderabad	Assistant Professor	24-06-2013	30-06-2015	2 years

**Department works handled:**

1. HOD
2. NAAC
3. NBA
4. Time table incharge
5. Placement Incharge
6. Anti Ragging Member
7. Sport coordinate incharge

**Subjects Taught**

1. Concrete Technology.
2. Retrofitting and Rehabilitation of structures.
3. Construction Technology and project management.
4. Building materials and construction of planning.
5. Structural Analysis
6. Engineering Geology

## Patents:

No of patents applied -02

Published patent : 04

1. System and method for sensor based protection of loading frame on a concrete sample.
2. System and method for establishing communicating sabetween total station instrument and reflector
3. System and Method for Storing Rice under carbondioxide and nitrogen rich environment.
4. System and Method for Storing Garlic bulbs under high nitrogen and low oxygen environment.

## Total Publications: 32 (Scopus/Web of science/SCI)

- Strength characterization of novel concrete using plastic waste as additional material, **A Siva Krishna**, G Swamy Yadav, E Vamshi Krishna, S Yeshwanth Kumar, T Sony IOP Conference Series: Materials Science and Engineering.
- FABRICATION OF PRECAST CONCRETE SLAB PANELS INCORPORATING FOUNDRY SAND AND BLAST FURNACE SLAG AS A POTENTIAL WALL INSULATOR **A. SIVAKRISHNA**<sup>1</sup>, P. AWOYERA<sup>2,\*</sup>, S. OSHIN<sup>3</sup>, D. SUJI<sup>3</sup>, R. GOBINATH
- Experimental investigation of fiber reinforced concrete using septage ash **A Siva Krishna**, E Vamshi Krishna, S Yeshwanth Kumar, T Sony, G Shiva Narayana, IOP Conference Series: Materials Science and Engineering
- Shear Resistance of portal Frame Reinforced with Bamboo and Steel Rebar: Experimental and Numerical Evaluation  
Rajesh Kumar, K., Karthik, S., Ramamohan R., Awoyera, P. O., Gobinath, R., **Siva krishna, A.**,  
Murthi P
- A novel method to predict pozzolanic nature of concrete with sintered clay using soft computing techniques R Archana Reddy, **A Siva krishna**, R Gobinath and D Ramesh Babu, IOP Conference Series: Materials Science and Engineering
- | DESIGN AND TESTING OF FLY-ASH BASED GEO POLYMER CONCRETET RAVIKUMAR., **A SIVA KRISHNA** AINTERNATIONAL JOURNAL OF CIVIL ENGINEERING & TECHNOLOGY 8 (5), 480 | 8 | 2017

- | Green concrete: A review of recent developments **A Sivakrishna**, A Adesina, PO Awoyera, KR Kumar *Materials Today: Proceedings* | 7 | 2019
- | Alkali activated binders: Challenges and opportunities PO Awoyera, A Adesina, **A Sivakrishna**, R Gobinath, KR Kumar, ... *Materials today: Proceedings* | 7 | 2019
- | STUDY ON CONCEPT OF SMART CITY AND ITS STRUCTURAL COMPONENTS RT Venkat Reddy P, **Siva krishna A** *INTERNATIONAL JOURNAL OF CIVIL ENGINEERING & TECHNOLOGY* 8 (8), 101-112 | 6 | 2017
- | Model development for strength properties of laterized concrete using artificial neural network principles PO Awoyera, JO Akinmusuru, **A Siva Krishna**, R Gobinath, B Arunkumar, ... *Soft Computing for Problem Solving*, 197-207 | 3 | 2020
- | Strength Investigation of Fly Ash Based Concrete Waste Steel Fibre and Polypropylene Fibre as Reinforcing Materials GS Yadav, N Prabhanjan, G Sahithi, G Sangeetha, A Srinivas, **A Siva Krishna** *International Conference on Emerging Trends in Engineering (ICETE)*, 155-161 | 3 | 2020
- | Phase change materials in concrete: An overview of properties A Adesina, PO Awoyera, **A Sivakrishna**, KR Kumar, R Gobinath *Materials Today: Proceedings* | 1 | 2019
- | Fabrication of precast concrete slab panels incorporating foundry sand and blast furnace slag as a potential wall insulator **A Sivakrishna**, PO Awoyera, S Oshin, D Suji, R Gobinath *Journal of Engineering Science and Technology* 20 (Y) | 1 | 2019
- | A Study on Characteristics of Concrete Using Pond Ash as a Partial Replacement of Sand GS Yadav, M Khan, **A Siva Krishna**, N Prabhanjan *ICRTEMMS Conference Proceedings* 12 (15), 12-15 | 1 | 2018
- | Experimental Investigation on Rcc by Using Multiple Admixtures P Venkatreddy, **A Siva Krishna**, GS Yadav *International Journal of Engineering & Technology* 7 (3.3), 14-16 | 1 | 2018
- | Experimental investigation of fiber reinforced concrete using septage ash **A Siva Krishna**, EV Krishna, SY Kumar, T Sony, GS Narayana *IOP Conference Series: Materials Science and Engineering* 872 (1), 012177 | | 2020
- | Strength characterization of novel concrete using plastic waste as additional material **A Siva Krishna**, GS Yadav, EV Krishna, SY Kumar, T Sony *IOP Conference Series: Materials Science and Engineering* 872 (1), 012178 | | 2020
- | Optimization of Drilling Rig Hydraulics in Drilling Operations Using Soft Computing Techniques G Sangeetha, A Srinivas, **A Siva Krishna**, R Gobinath, PO Awoyera *Soft Computing for Problem Solving*, 849-862 | | 2020
- | Computing Redistribution Moments of Concrete Members in the Plastic Stage Using Linear Analysis: Short Review P Awoyera, R Gobinath, C Nwankwo, P Murthi, **A Sivakrishna** *International Conference on Emerging Trends in Engineering (ICETE)*, 66-72 | | 2020

- | Computing Redistribution Moments of Concrete Members in the Plastic Stage Using Linear Analysis: Short Review P Murthi, **A Sivakrishna** International Conference on Emerging Trends in Engineering (ICETE): Emerging ... | | 2019
- | Strength Prediction of Geopolymer Concrete using FUZZYDVR A. **Siva Krishna** International Journal of Recent Technology and Engineering (IJRTE) 7 (6C2 ... | | 2019
- | Strength Prediction of Geopolymer Concrete using ANNDVRR A. **Siva Krishna** International Journal of Recent Technology and Engineering (IJRTE) 7 (6C2 ... | | 2019
- | Power Generation Using Axial Wind Turbine on Highways TR Kumar, **A Siva Krishna**, A Srinivas ICRTMEMS Conference Proceedings 69 (79), 69-79 | | 2018
- | Experimental Investigation on Rcc by Using Multiple Admixtures **A Siva Krishna** G Swamy Yadav INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY 7 (3.3), 121-125 | | 2018
- | APPLICATION OF DAMAGE EVALUATION TECHNIQUES TO A CULVERT **Siva krishna.**, M Harish Kumar., T Ravi kumar. INTERNATIONAL JOURNAL OF CIVIL ENGINEERING & TECHNOLOGY 8 (5), 809
- "Optimization of Drilling Rig Hydraulics in Drilling Operations using Soft Computing Technique". Advances in Intelligent Systems and Computing, Springer. G. Sangeetha, B. Arun Kumar, A. Srinivas, **A. Siva Krishna**, R. Gobinath, Poul Awoyera (2018).
- "Model Development for Strength Properties of Laterised Concrete using Artificial Neural Network Principles". Advances in Intelligent Systems and Computing, Springer. Poul Awoyera, J. O. Akinmusuru, **A. Siva Krishna**, R. Gobinath, B. Arun Kumar, G. Sangeetha (2018).
- Mechanical and flexural behaviour study on fibrillated concrete as partial replacement of M-Sand and metakaolin, Volume 39, Part 1, 2021, Pages 776-780,
- Mechanical properties of rubberized concrete using truck scrap rubber, Volume 39, Part 1, 2021, Pages 849-854.
- Computing Redistribution Moments of Concrete Members in the Plastic Stage Using Linear Analysis: Short Review, First Online: 27 July 2019

**Conference attended and paper presented:**

1. Experimental investigation of fiber reinforced concrete using septage ash presented a paper, Tamilnadu 2020(Icramm2020)
2. Strength characterization of novel concrete using plastic waste as additional material, presented a paper, Tamilnadu 2020(Icramm2020)
3. A novel method to predict pozzolanic nature of concrete with sintered clay using soft computing techniques presented a paper, Tamilnadu 2020(Icramm2020)
4. Green concrete: A review of recent developments presented a paper in k L E College of Engineering Belgavi karnataka.
5. Alkali activated binders: Challenges and opportunities presented a paper in k L E College of Engineering Belgavi karnataka.
6. Phase change materials in concrete: An overview of properties presented a paper in k L E College of Engineering Belgavi karnataka.
7. Strength Prediction of Geopolymer Concrete using FUZZY presented a paper at K L University, Vijayawada.2019
8. Strength Prediction of Geopolymer Concrete using ANN presented a paper at K L University, Vijayawada.2019
9. Mechanical and Flexural behaviour study on fibrillated concrete as partial replacement of M-sand and metokoalin.(2020)
10. International Conference on Emerging Trends in Engineering (ICETE) pp 66–72, at SNS College of engineering, Tamilnadu 2019s. Computing Redistribution Moments of Concrete Members in the Plastic Stage Using Linear Analysis: Short Review
11. “Effect of size of Coarse Aggregate on Flow Properties and Mechanical Properties of SelfCompacting Concrete” in the 2021 Third International Conference on Recent Advances in Materials and Manufacturing (ICRAMM-2021) held at the Department of Mechanical Engineering, D Y Patil College of Engineering and Technology, Kolhapur, Maharastra, India.
12. Fourth International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2022)08 - 09, December 2022 | Erode, India. <http://www.icramm.com/>

**Personal Profile:**

Name : A Siva Krishna  
Father's Name : A Srinivasulu  
Sex : Male  
Date of Birth : 02-05-1991  
Marital Status : Married  
Nationality : Indian  
Languages Known : English, Telugu and Hindi  
Contact Address : D.No-2-4-1456/6/1, Vidyanagar,Hanamkonda,506001  
Mobile No : +91 9618351070

**Declaration:**

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

Date:

Place: Warangal

(A siva krishna)