

Name of Faculty Dr. T CHAITANYA SRIKRISHNA  
 Designation Assistant Professor  
 Nature of Job/Appointment Regular  
 Date of Joining 07 – 10 -2021  
 E-mail chaitanya\_civil@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph.D.	Doctor of Philosophy ( Civil Engineering )	Awarded
PG	M.Tech. ( Structural Engineering )	Distinction
UG	B.Tech. ( Civil Engineering )	Distinction

Work Experience

Teaching	3.5 years
Research	3.5 years
Industry	--
Others	--

Area of Specialization Structural Engineering

Professional Memberships --

Responsibilities held at Institution Level --

Responsibilities held at Department Level --

Research Guidance --

Courses Handled at Under Graduate / Post Graduate Level. Reinforced Concrete Design, Design of Steel Structures, Structural Analysis, Concrete Technology, Concrete Technology Lab.

No. of Papers Published National Journals – Nil International Journals –06

National Conference – Nil International Conference – 02

Projects Carried out 05 projects at B.Tech Level

Patents --

Technology Transfer --

No. of Books/Chapter Published with details --

- Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (Attended and/or Organized).
1. Organized a Five Day Faculty Development Programme on “MATLAB PROGRAMMING” as Organising Secretary in Sreenidhi Institute of Science and Technology held during 18<sup>th</sup> December to 22<sup>nd</sup> December, 2018.
  2. Participated in a 6 Day Faculty Development Program on “Autodesk Revit Architecture”, conducted by ICT Academy at CMR Institute of Technology, Rangareddi, held during 12<sup>th</sup> December to 17<sup>th</sup> December, 2018.
  3. Participated and successfully completed the 12 weeks Faculty Development Program and Certification Course on “Design of reinforced Concrete Structures”, organised by Swayam, NPTEL, during July 2019 to October 2019.
  4. Participated in the Two Day Online Workshop on “Online Tools & Software for Remote Teaching - Learning”, organized by UGC-HRDC, JNTUH, Hyderabad, Telangana State, held during 24<sup>th</sup> & 25<sup>th</sup> of April, 2020.
  5. Participated in “Indo-China Research Webinar Series in Civil and Environmental Engineering”, jointly initiated by faculties from Shantou University, China, Vardhaman College of Engineering, Hyderabad, Indian Geotechnical Society Surat Chapter, SVNIT Surat and Qingdao University of Technology, China during 8<sup>th</sup> May to 19<sup>th</sup> May 2020.
  6. Participated in a Five day Online Faculty Development Program on “Multi-Disciplinary Approaches in Civil Engineering”, organised by Department of Civil Engineering, Nalla Narasimha Reddy Education Society’s Group of Institutions, from 29<sup>th</sup> June to 03<sup>rd</sup> July, 2020.
  7. Participated in Five Day Faculty Development Programme on “Innovative Teaching Methods on Recent advances in Concrete And

Sustainable Technologies (ReCAST)", organised by Department of Civil Engineering in association with the Teaching Learning Centre, National Institute of Technology Warangal, during 1<sup>st</sup> – 5<sup>th</sup> of July, 2020.

8. Participated in webinar on "Handling, Management and Recycling of Bio Medical Waste", organized by Department of Civil engineering, Vignana Bharathi Institute of Technology, on 04<sup>th</sup> July 2020.
9. Participated in webinar on "Teaching & Learning Process, Course Outcomes and Program Outcomes", organised by IQAC – GM Institute of Technology on 04<sup>th</sup> July 2020.
10. Participated in the webinar on "Machine learning methods in Water Resources Engineering", organised by Alumini Association, Department of Civil engineering, M.V.S.R. Engineering College, Hyderabad, on 15<sup>th</sup> September, 2020
11. Participated in One week Faculty Development Programme on "Cyber Security" conducted by Department of Information Technology, Sreenidhi Institute of Science and Technology, from 28<sup>th</sup> September to 04<sup>th</sup> October, 2020.
12. Participated and successfully completed the online workshop on Universal Human Value on the theme "Inculcating Universal Human Values in Technical Education" during 5<sup>th</sup> October to 9<sup>th</sup> October, 2020 organized by All India Council for Technical Education (AICTE).

Details of Journal Publications/  
Conferences (National and  
International)

#### **International Journals**

1. **Thunuguntla Chaitanya Srikrishna**, and T. D. Gunneswara Rao. "Mix Design Procedure for Alkali-Activated Slag Concrete Using Particle Packing Theory" *Journal of Materials in Civil Engineering*. 30(6) (2018): 04018113. DOI: 10.1061/(ASCE)MT.1943-5533.0002296.
2. **Thunuguntla Chaitanya Srikrishna**, and T. D. Gunneswara Rao. "Appraisal on Strength Characteristics of Alkali Activated GGBFS with Low Concentrations of Sodium Hydroxide" *Iranian Journal of Science and Technology, Transactions of Civil Engineering*. DOI: 10.1007/s40996-018-0113-4
3. **Thunuguntla Chaitanya Srikrishna**, and T. D. Gunneswara Rao. "Effect of Mix Design Parameters on Mechanical and Durability Properties of Alkali Activated Slag Concrete." *Construction and Building Materials*. 193 (2018): 173-188. <https://doi.org/10.1016/j.conbuildmat.2018.10.189>
4. M.S. Midhun, T.D. Gunneswara Rao and **Thunuguntla Chaitanya Srikrishna**. "Mechanical and fracture properties of glass fiber reinforced geopolymer concrete" *Advances in Concrete Construction*. 6(1) (2018), pp.29-45. <https://doi.org/10.12989/acc.2018.6.1.029>
5. Noolu, Venkatesh, Yeswanth Paluri, Rama Vara Prasad Chavali, B. Reddy, and **Chaitanya Srikrishna Thunuguntla**. "Evaluation of a clayey soil stabilized by calcium carbide residue as pavement subgrade." *Transportation Infrastructure Geotechnology* (2021): 1-14.
6. Murali, K, T. Meena, **Thunuguntla Chaitanya Srikrishna** and Peta Purnachandra Sai. "An Experimental Study on Factors Influencing the Compressive Strength of Geopolymer Mortar." *International Journal of Civil Engineering and Technology* 9(1) (2018), pp.608-616.

#### **International Conferences:**

1. **Thunuguntla Chaitanya Srikrishna**, and T. D. Gunneswara Rao. "A Study on Mix Design Parameters of Alkali Activated Slag Using Particle Packing Theory with Low Concentrations of Sodium Hydroxide." *Proceedings of the 3rd International conference on Trends and Recent Advances in Civil Engineering, TRACE-2016*.
2. **Thunuguntla Chaitanya Srikrishna**, and T. D. Gunneswara Rao. "A study on flexural behavior of geopolymer mortar based ferrocement." *Materials Today: Proceedings*, 43 (2021), pp.1503-1512.