



Srikanth Sai Garigipati

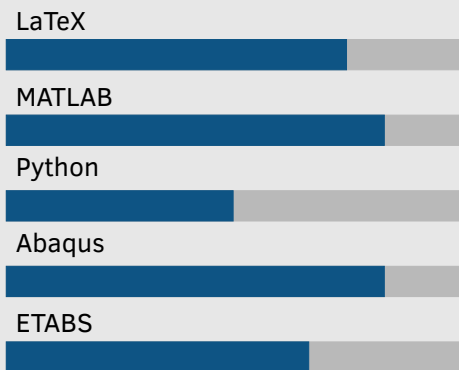
Researcher

- 15 August 1995
- Hyderabad
- +91 83095 43990
- sriky1995@gmail.com

About me

I aspire to contribute to the society through sustained impact-full work. I am a curious being, who enjoys combining creative imagination and logical thinking to understand various challenges at hand to find new solutions. I am excited to be part of an ambitious group which offers a supportive learning environment. I consider myself sociable and often take initiatives, and am capable of working in diverse groups. I am fluent in English, Hindi and Telugu, and have a beginner level understanding of German (A1). My interests lie in arts, sports and I often runs half-marathons.

Skills



(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Interests

Plates and Shells, Finite Element, Structural Analysis, Stability, Machine Learning, Additive Manufacturing, Strength of Materials and Theories of Failure.

Education

- 2019-2021 Indian Institute of Technology Madras Master of Technology
Masters in Structural Engineering with a 9.1/10 CGPA with distinction from the top ranked Indian university. Obtained 10/10 in my thesis, titled 'Numerical Investigation of Bistable Composite Laminates: Dimensional Analysis and Design Based on Edge Effects' under the guidance of Prof. Dr. B.N. Rao.
- Leibniz Univesität Hannover, Germany Student Exchange
Thesis work conducted at Institut für Statik und Dynamik, Leibniz Universität under the guidance of Prof. Dr.-Ing. Raimund Rolfes and supervision of Dr.-Ing. Sven Scheffler funded by a DAAD scholarship.
- 2013-2017 BITS Pilani, Pilani Campus Bachelor of Engineering (Hons.)
Graduated in Civil Engineering with upper second-class honours, an overall CGPA of 6.74. Obtained 10/10 in thesis titled 'Behaviour of Textile Reinforced Concrete Beams under Impact Loading' under the guidance of Dr. Smitha Gopinath, at the CSIR-SERC lab.
- 2011-2013 FIITJEE, Hyderabad Intermediate/Pre-University Education
obtained an average of 91.1 percentage.
- 2011 Kendriya Vidyalaya, Hyderabad Secondary Education
Completed SSLC with a CGPA of 9.8/10.

Achievements

- 2020-2021 DAAD scholarship awardee: Deutscher Akademischer Austauschdienst scholarship program for study and training at Leibniz Universität Hannover for the duration of Oct 2020 to Mar 2021.
- 2019 Ranked 83 out of 1.5 million participants with a score of 889/1000 in the Graduate Aptitude Test in Engineering (GATE) in Civil Engineering, a pan-India comprehensive examination.

Positions of Responsibility

- 2019-2021 Class Representative for the 'Class of 2021', at Structural Engineering Laboratory, IIT Madras.
- 2014-2015 Hostel Representative of Krishna Bhawan(dorm) at BITS Pilani; Elected representative of a group of 257 dorm dwellers.
- 2014-2015 Member of Union Council of the Students' Union at BITS Pilani.

Publications

- 2021 Virtual Seminar on Applied Mechanics 2021 Springer Proceedings
Accepted for publication: Main author of a research paper titled 'Numerical Investigation of Bistable Laminates on Geometric Scaling'.

Work Experience

- 2018-2019 Indian Institute of Technology Bombay, Mumbai Junior Research Fellow
Worked under Prof. Manasa Ranjan Behera in Ocean Engineering Lab, IIT Bombay. Developed a stand-alone software tool (patent pending) using MATLAB that predicts Longshore Sediment Transport using ECMWF data-sets to compare various empirical Sediment Transport models.

I hereby solemnly affirm and declare that the information furnished by me is true to the best of my knowledge.