

Haripan Vislavath

Roll Number: CE21D003

Doctoral Research Scholar

Building Technology and Construction Management Division,

Department of Civil Engineering,

Indian Institute of Technology Madras, Chennai 600 036, India.

+91-8328209398

+91-9542820394

vharipan89@gmail.com

ce21d003@smail.iitm.ac.in

EDUCATION

Degree/Certificate	Board	CGPA/Percentage	Year
Ph.D	Indian Institute of Technology, Madras	Pursuing	2021-Present
M.Tech	Indian Institute of Technology, Guwahati	8.85	2019 - 2021
B.Tech	JNTU, Hyderabad	9.23	2015 - 2019
Senior secondary	Telangana Board of Intermediate Education	97.4%	2013 - 2015
Secondary	Telangana SSC Board	9.2	2012 - 2013

RESEARCH INTEREST

- Different C&D waste can be used in concrete
- Different methods of recycling C&D waste
- Properties and performance of concrete
- Life cycle and cost assessment
- Service life estimation

PROJECTS

- **Effect of precursor materials and alkaline activator on microstructure and corrosion behavior of reinforcing steel in geopolymer concrete** *July 2020-May 2021*
Dr. Bulu Pradhan, Professor, Dept. of Civil Engineering, IIT Guwahati
Effect of different blends of fly ash and ground granulated blast furnace slag (GGBS), molarity of NaOH solution and admixed sodium chloride (NaCl) concentration on workability, compressive strength, microstructure, and corrosion behavior of reinforcing steel in geopolymer concrete (GPC) have been investigated.
- **Designing parking facility for siang hostel** *Jan 2020-May 2020*
Dr. Anjan Kumar S, Assistant Professor, Dept. of Civil Engineering, IIT Guwahati
Parking facility for 330 bicycles, 8 motor vehicles and 4 cars.
- **Determination of air quality in Hyderabad** *Dec 2018-Apr 2019*
This project mainly focused on determination of particulate matter (PM), carbon dioxide and carbon monoxide, relative humidity (RH), temperature, volatile organic compounds (VOC) and dew point in eleven most polluted areas in Hyderabad using equipment (3MTM EVM series) environmental monitor.
- **Influence of nano silica on compressive strength and durability of self compacting concrete** *Dec 2017-May 2018*
Dr. V. Srinivasa, Professor, Dept. of civil engineering
Nano silica added in different percentages (0.5%, 1% and 1.5%) to cement mortar specimens to determine the optimum dosage of nano-silica to be used in SCC.

TECHNICAL SKILLS

- **Programming languages** : C language, java, html.
- **Software packages** : Stad pro, Q-CAD, Q-GIS, MS Project, Primavera.
- **Miscellaneous** : Microsoft Technology Associate (Networking Fundamentals).

POSITIONS OF RESPONSIBILITY

- Selected as a Vice secretary of Indian Concrete Institute (ICI) (2017-2018) at the college level.
- Elected as a class representative in B Tech (2017-2019).

ACHIEVEMENTS

- **GATE 2019** : Secured All India Rank in top 5.5% among 0.145 million candidates appeared for the test.
- **NPS 2015-19** : Obtained the National Portal Scholarship in B Tech.
- **UN World Water Day** : Awarded Second place in Elocution among 60 participants.

EXTRACURRICULARS

- Member of Indian Concrete Institute.
- Volunteered in organizing International Conference on Materials Processing and characterization 2016.
- Industrial visit to Preca industries in Hyderabad.
- Participated in Two days workshop on "Modern Developments In Concrete And Building Technology".
- Participated in Youth Convention Shraddha organised by Vivekananda Institute Of Human Excellence.
- Participated in all India General Awareness Examination conducted by Education Foundation Hyderabad.

PUBLICATIONS

- Effect of Air Quality Parameters in Hyderabad and Mapping Using Q-GIS and Detection Management Software, IJITEE, Volume-9, Issue-1, PP- 73-27, ISSN: 2278-3075 - Nov-19.

EXPERIENCE

- **Teaching assistant** *Jan 2021 - May 2021*
Worked as a teaching assistant for the course ME-101 (Engineering Mechanics) in M Tech.

References

Prof. Ravindra Gettu
Department of Civil Engineering
IIT Madras, Chennai, TN, India
Email: gettu@iitm.ac.in