

# Saranyadevi D

Doctoral Research Scholar  
Building Technology and Construction Management  
Indian Institute of Technology, Madras  
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## Educational qualification

Qualification	Specialization	University	Year of passing	CGPA
Ph.D	Building Materials	IIT- Madras	Pursuing	
M.E	Structural Engineering	Anna University (Builder's Engineering College, Erode).	2016	8.88
B.E	Civil Engineering	Anna University (Bannari Amman Institute of Technology, Erode)	2011	8.91

## Work Experience

Designation	Institution	Experience (years)	Year
Lecturer	Nandha Polytechnic College, Erode	2	2011-2013
Lecturer	Jaysriram Group of Institutions, Erode	1	2013-2014
Assistant professor	SNS College of Engineering, Coimbatore	3	2016-2019
Assistant professor	PSG Institute of Technology and Applied Research, Coimbatore	2	2019- 2021

## Research Interest

- Supplementary cementitious materials, Carbon sequestration, Assessment of CO<sub>2</sub> uptake by cementitious materials.

## Publications

- **Saranyadevi Duraisamy**, Arun Murugesan, Aakash Ravichandran, Sakthi subbiramani, and Sridhar Sundaram (2021)“ Effect of perlite in concrete- A state of art- Review” Journal of Chengdu University of Technology, ISSN No- 1671-9727, Vol 26.

- Yogabalaji Ganesan, Kirubhakaran Sakthivel, Vivekanandhan Murugan, **Saranyadevi Duraisamy** “Research Analysis of Paper Sludge and Paper Ash Bricks” in IOP Material Science and Engineering , Nov -20

## Conferences

- Presented a paper on “**Identification of soil properties using Integrated remote sensing techniques for effective agricultural practices at Pollachi, Tamilnadu** ” at International Conference On **Geoenvironment-2020** Conducted at **IIT Delhi** from 17.02.2020 to 21.02.2020
- Presented a paper on “**Study on Mechanical Properties of M30 Grade Concrete With Replacement of Cement by Wollastonite**” at International Conference On Smart Materials and Techniques for Sustainable Development Conducted at Dr.NGP Institute of Technology on 4.4.2019.
- Presented a paper on “**Strength Characteristics of M40 Grade Concrete with Partial Replacement of Cement by Nano Silica, Granite Powder and Glass Powder**” Latest advances in Civil Engineering for Sustainable Development - 2k17 conducted at SNS College of Technology on 07.04.2017

## Awards and Recognitions

- Bagged the **7<sup>th</sup> university rank** with CGPA of 8.88 among 1249 students from Anna University(2016).
- Received **Special Appreciation Award From ACC Cement** along with **Association of Consulting Civil Engineers** for Guiding the students for the event **CONCAST 360°** in the year 2018 at PSG College of Technology

## FDP attended

- Attended 6 days **AICTE – QIP Short Term Course on Advanced Concrete Technology** at Indian Institute of Technology Madras from 16.11.2019 to 23.11.2019.
- Attended 21 days **MHRD Sponsored Faculty Induction Program** at Indian Institute of Information Technology and Manufacturing, Kancheepuram from 24.11.2019 to 13.12.2019.
- Attended seven days **Anna University Approved FDP** at Builders Engineering College for the subject of “**Foundation Engineering**” from 11.06.2018 to 17.06.2018.

## Languages known

- Tamil & English

## **Reference**

Dr. Piyush Chaunsali (Assistant Professor)  
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