## Assistant Professor

## Government College of Technology, Coimbatore

- 1. Oorkalan, A., Chithra, S., 2020. Effect of coconut coir pith as partial substitute for river sand in eco-friendly concrete. Materials Today: Proceedings 21, 488-491.
- Chithra,S., Kumar, SRRS., Chinnaraju,K., Ashmita,FA., 2020. A
  comparative study on the compressive strength prediction models for High
  Performance Concrete containing nano silica and copper slag using regression
  analysis and Artificial Neural Networks. Construction and Building Materials
  114, 528-535.
- 3. Oorkalan, A., Chithra, S., Balaji, R., Kumar, SG., Kumar, JK., Kumar, TK., 2020. Experimental study on high volume fly ash concrete made with coir pith and quarry dust. Materials Today: Proceedings 21, 833-836.
- 4. Selvaraj, P., Chitra, S., 2020. Synergy of waste glass powder and waste rubber: a research on loading, perseverance and morphological features of unburnt fly-ash-based masonry units. Material in technology 54 (1), 8.
- Mohammed Hassain,B., Chitra,S., 2020. Analytical Study and Seismic Evaluation of Diagrid Structural System for High Rise Steel Building. International Research Journal of Engineering and Technology 7 (6), 984 – 989.
- Chithra,R., Ramadevi,K., Chithra,S., Chandra,RR., Mangaleshwaran,L., 2019. Production of Medium Strength Self Compacting Concrete using Silica Fume and Quarry Dust. International Journal of Engineering and Advanced Technology.
- 7. Regha, MS., Chithra, S., 2018. Prediction of Early Age Compressive Strength Of Silica Fume Incorporated High Performance Concrete. IAETSD

- JOURNAL FOR ADVANCED RESEARCH IN APPLIED SCIENCES, 5(4), 482-487.
- 8. **Chithra,S**., Indupriya,G., 2017. A Preliminary study on the loading and vulnerability of silos. International Journal of Civil Engineering and Concrete structures 2 (2), 35-41.
- 9. **Chithra,S.**, Kumar,SRRS., Chinnaraju,K., 2016. The effect of Colloidal Nano-silica on workability, mechanical and durability properties of High Performance Concrete with Copper slag as partial fine aggregate. Construction and Building Materials 113, 794-804.
- 10. Chithra, S., Indupriya, G., 2016. Contributions of Different Standards and Codes for the Design of Silo: A Review. The Asian Review of Civil Engineering 5 (2), 27-33.