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Phone: 0451-2554032,

Address: Dindigul ,Tamil Nadu,India - 624622

Expertise

Civil Engineering

Area of interest in light weight aggregates

Work experience

1. PSNA College of Engineering and Technology 2020 — Present

Associate Professor

Dindigul

2. PSNA College of Engineering and Technology 2016 — 2019

Assistant Professor

Dindigul

3. N.P.R. College of Engineering and Technology 2012 — 2016

Assistant Professor

Dindigul

4. R.V.S. Engineering College 2007 — 2012

Assistant Professor

Dindigul

Education

1. Ph.D - 2017

Anna University

2. M.E - 2007

Vinayaka Missions University

3. B.E. - 2002

RVS College of Engineering and Technology

Membership In Professional Bodies

1. INDIAN SOCIETY FOR TECHNICAL EDUCATION,
Life Member

Membership In Committees

Publication

1. Experimental Study on Mechanical and Durability Behaviour of a Sustainable Masonry Block Incorporating Agricultural and Industrial Wastes
R Prakash, S Srividhya , S Sivakumar , P Neelamegam
INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY, Volume , Year 2024, Pages
2. Impact on greenhouse gas mitigation using traditional concrete and partial replacement by copper slag of fine aggregate
Sivakumar Sankaralingam, Sree Vidhya Nagarajan, Vishnu Priya Narayansamy Veerachamy
AIP Conference Proceedings, Volume , Year 2023, Pages
3. Seismic analysis of RC building (G+9) by response spectrum method

S. Sivakumar ., R. Shobana ., E. Aarthy ., S. Thenmozhi ., V. Gowri ., B. Sarath Chandra Kumar .,
Materials Today: Proceedings, Volume , Year 2023, Pages

4. **A novel analytical evaluation of the laboratory-measured mechanical properties of lightweight concrete**

Sivakumar S.;Prakash R.;Srividhya S.;Vikram A.S.V.
Structural Engineering and Mechanics, Volume 87, Year 2023, Pages 221-229

5. **Influence of glass powder silica fume and scrapped ceramic waste on the mechanical properties of concrete**

Deepak Paithankar , Anurag Sharma , S. Thenmozhi , Prashant Ramteke , A. Dhanalakshmi , S.
Sivakumar
Materials Today: Proceedings, Volume , Year 2023, Pages

6. **Seismic analysis and design of steel beam-column connections in Indian standard code framework**

Priyatham B.P.R.V.S.;Chaitanya D.V.S.R.K.;Manoj Kumar P.;S.Sivakumar ;Sunagar P.;Prakash Arul Jose J.
Materials Today: Proceedings, Volume , Year 2023

7. **Effect of Fiber Mixing and Nanoclay on the Mechanical Properties of Biodegradable Natural Fiber-Based Nanocomposites**

Razan A. Alshgari ., K. Sargunan ., C. Selin Ravi Kumar ., M. V. Vinayagam ., J. Madhusudhanan ., S.
Sivakumar ., Saikh Mohammad Wabaidur ., M. A. Islam ., G. Ramasubramanian .,
Journal of Nanomaterials, Volume 2022, Year 2022

8. **Review and Analysis of Digital Techniques for Construction Industry**

Dr. Syed Omar Ballari, Mrs. R. S. Gandhimathi, Dr. J. Prakash Arul Jose, Sre Adethya V., Prashant
Sunagar, S. Sivakumar
NeuroQuantology, Volume 20, Year 2022, Pages 3942-3954

9. **Durability Studies on the Hybrid Fiber reinforced Geopolymer concrete made of M-sand under ambient curing**

Chithambar Ganesh A.;Rajesh Kumar K.;Vinod Kumar M.;Vyshnavi ;Vandhiyan R.;Gurumoorthy
N.;Sivakumar S.
IOP Conference Series: Materials Science and Engineering, Volume 981, Year 2020

10. **Impact and Flexural Strength Prediction of Plain Concrete with Hybrid Fibres**

Vinod Kumar M.;Rajesh Kumar K.;Sivakumar S.;Madhuriya P.;Chithambar Ganesh A.;Vandhiyan
R.;Gurumoorthy N.
IOP Conference Series: Materials Science and Engineering, Volume 981, Year 2020

11. **Effect of plastic powder, silica fume and steel slag in concrete-An Experimental and Analytical Approach**

Sivakumar S.;Rajesh Kumar K.;Vinod Kumar M.;Rasha ;Gurumoorthy N.;Vandhiyan R.;Balaji Kumar
G.;Kameshwari B.
IOP Conference Series: Materials Science and Engineering, Volume 981, Year 2020

12. **Experimental Investigation on Conventional Rebar RC Column with Non-Conventional Prefabricated Cage System**

Chandanam Vinod Kumar P.;Gurumoorthy N.;Rajesh Kumar K.;Sivakumar S.;Chandanavinod Kumar P.M.;Vandhiyan R.

IOP Conference Series: Materials Science and Engineering, Volume 981, Year 2020

13. **Influence of GGBS and Marble Dust on Mechanical Properties of Concrete**

Sivakumar.S, Chandrasekar.A, Jaideep.C, Kameshwari.B

International Journal of Innovative Technology and Exploring Engineering, Volume , Year 2020, Pages

14. **Experimental Evaluation on Strength Properties of Concrete using Silica Fume and Plastic Aggregates**

Siva kumar S, Anushya V, Subburaj V

International Journal of Recent Technology and Engineering, Volume , Year 2019, Pages

15. **Influence of silica fume, marble powder, granite powder on high strength concrete and evaluating the beam using finite element analysis**

Sivakumar S.;Rajasekar M.;Mahendran S.;Kameshwari B.;Abuthahir S.

International Journal of Civil Engineering and Technology, Volume 9, Year 2018, Pages 1115-1124

16. **Arithmetical Modelling for Evaluating the Performance of Concrete Strength with the Aid of Optimization Techniques**

S Sivakumar, B Kameshwari

Research Journal of Applied Sciences, Engineering and Technology, Volume 12, Year 2016, Pages 668-679

17. **Influence of fly ash, bottom ash, and light expanded clay aggregate on concrete**

S. Sivakumar ., B. Kameshwari .,

Advances in Materials Science and Engineering, Volume 2015, Year 2015

18. **Influence of fly ash and LYTAG light weight aggregate on concrete**

Sivakumar S.;Kameshwari B.

International Journal of Applied Engineering Research, Volume 10, Year 2015, Pages 35843-35848