

Department of Civil Engineering

Research Projects carried out.

S.No	Faculty Name	Title of the Project	Duration	Type of the Project	Name of the Funding Agency	Any JRF /SRF/staff appointed in this project
1.	Co-PI: Dr.R.Nithya Associate Professor & Head Co-PI: Dr.S.Shanthi Assistant Professor	Product Development of a Patented Weedicied Formulation for the management of Eichhorina Crassipes	2022-2023 (20 Months) Ongoing	Government	BIRAC – PACE RS.49.50L	Nil
2.	Dr.S.Maragatham Professor & Dean	Technology development for making paver blocks using Bagasse ash and waste plastic (HDPE) as partial replacement of cement and fine aggregate in concrete for sustainable environment	16.05.2017 to 16.05.2019	Government	Council of Scientific & Industrial Research (CSIR) Rs.11,00,000	Nil
3.	Dr.S.Shanthi Assistant Professor	Prediction of Landside Stability Model Using MLP method : an AI approach (2019-2020)	October 2019-2020	Institute	DST-CURIE AI Facility, Avinashilingam Institute for Home Science and Higher Education for Women Rs.14,000/-	Nil
4.	Dr.R.Nithya Asso.Prof.& Head	Development of Air Quality Modelling for Brick Kiln using Artificial Neural Network	October 2019-2020	Institute	DST-CURIE AI Facility, Avinashilingam Institute for Home Science and Higher Education for Women Rs.20,000/-	Nil

5.	Dr.S.Maragatham Professor & Dean	Optimized Lightweight Light Emitting Concrete Blocks	October 2019-2020	Institute	DST-CURIE AI Facility, Avinashilingam Institute for Home Science and Higher Education for Women Rs.20,000/-	Nil
6.	Dr.R.Nithya Asso.Prof.& Head	Study on Behaviour of Bacteria in Sand Replaced Concrete with Red soil	18.02.2019	Government	Tamil Nadu State Council for Science and Technology (TNSCST) Rs.7,500/-	Nil
7.	Ms.P.T.Ayswariya Lakshmi Assistant Professor	Performance of GGBS Blended Geopolymer Concrete with MSand and Basalt Fibre	October 2018-2019	Institute	Avinashilingam Institute for Home Science and Higher Education for Women Rs.20,000/-	Nil