

**Department of Civil Engineering**  
**Research Projects Carried Out in the Department**

<b>S.No.</b>	<b>Faculty Name</b>	<b>Title of the Project</b>	<b>Duration</b>	<b>Type of the Project</b>	<b>Name of the Funding Agency</b>	<b>Any JRF /SRF/Staff appointed in this project</b>
1.	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
2.	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
3.	Ms.P.T.Ayswariya Lakshmi Assistant Professor	Performance of GGBS Blended Geopolymer Concrete with MSand and Basalt Fibre	October 2018-19	Non - Government	Avinashilingam Institute for Home Science and Higher Education for Women Rs.20,000/-	Nil

4.	Dr.S.Maragatham, Professor & Dean	Optimized Lightweight Light Emitting Concrete Blocks	October 2019-2020	Government	DST-CURIE AI Facility, Avinashilingam Institute for Home Science and Higher Education for Women Rs.20,000/-	Nil
5.	Dr.R.Nithya, Asso.Prof.& Head	Development of Air Quality Modelling for Brick Kiln using Artificial Neural Network	October 2019-2020	Government	DST-CURIE AI Facility, Avinashilingam Institute for Home Science and Higher Education for Women Rs.20,000/-	Nil
6.	Dr.S.Shanthi, Assistant Professor	Prediction of Landside Stability Model Using MLP method : an AI approach (2019-2020)	October 2019-2020	Government	DST-CURIE AI Facility, Avinashilingam Institute for Home Science and Higher Education for Women Rs.14,000/-	Nil