

BMSIT &M
Department of Civil Engineering

Project Based Learning (PBL) exhibition was organized in department of civil engineering to showcase the innovative projects and ideas by the Undergraduate students in various fields of science and civil engineering on 16th May 2017. The exhibition at department level was inaugurated by Mr Naveen, Ajmera Group and he shared his experiences in the area of quality in construction and present challenges faced by the construction industry. More than 50 projects were exhibited and the same was evaluated by the chief guest. The students actively interacted with the visitors and gave response on their project.

Also final year UG projects focused on various societal and technical studies such as low cost desalination unit, carbon sequestration potential of Bangalore's green spaces, thermal heat effect on concrete, experimental studies on mud blocks and soil stabilized blocks etc.

The project titled "RETROFITTING OF RC BEAMS HAVING DISCONTINUITY IN TENSION REINFORCEMENT (DUE TO CORROSION) AND SHEAR DEFICIENCY USING GLASS FIBRE REINFORCED POLYMER" guided by Dr. Guruprasard Y K was selected as a KSCST project and was also funded by KSCST.

Photos:

1. Project: PROTOTYPE DEVELOPMENT OF A LOW COST DESALINATION UNIT

Guide: Mrs Prasanna G



THE PROTOTYPE OF THE DESALINATION UNIT & THE TEAM

2. Project: PRODUCTION OF SOLID BLOCKS INCORPORATING RUBBER WASTE AS PARTIAL REPLACEMENT FOR SAND BLENDED WITH FLY ASH

Guide: Mr Manish S



STUDENTS CASTING SOLID BLOCKS

3. The project titled “Estimation of Natural Carbon Sequestration Potential of Bengaluru’s Prominent Public and Private Green Spaces, guided by Dr. Rajesh Gopinath, won the 3rd prize in Poster Presentation at Srishti 2017 organized by ABVP and SFD at RVCE in May 2017



Students at Shrishti 2017- State level project exhibition

4. The project titled “ Feasibility Analysis for Complete Replacement of River Sand as Fine Aggregate with E-waste Ceramics in Rigid Pavement” guided by Mr. Vinod B R and Dr. Rajesh Gopinath, won the 1st prize in Poster Presentation at Srishti 2017 organized by ABVP and SFD at RVCE in May 2017.



Students at Shrishti 2017- State level project exhibition

**5. Project: SOIL STABILIZATION USING HUMAN HAIR FIBRE AND PLASTIC PELLETS
Guide: Mrs Archana K**



Students Conducting Experiments on Soil Stabilization and the Team.