




SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

REPORT OF THE PROGRAM

1	Program Name	Online Research Methodology Seminar on “Green Construction for Sustainable Development”
2	Date of program	24.04.2021
3	Google meet link	https://meet.google.com/teg-ilnt-fvg
4	Resource persons	Dr.J.S. SUDARSAN Assistant Professor, School of Construction Management, NICMAR,Pune Dr.K. GUNASEKARAN Professor, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur, Chennai
5	Participants	26 Students
6	Objective of program	To gain the knowledge on recent recent green construction techniques. To understand the benefits of green construction. To explore the various green construction materials.
7	Program description	<p>The program started with a welcome address by Ms. R. Manju, HoD/Civil. 26 students were attended the Seminar.</p> <p>In forenoon session the resource person explained a need of achieving sustainability by using HVAC system, high performance insulation material, LED lighting and renewable energy sources like solar panels and wind mill. Then he explained about minimizing of construction cost through recycling and reuse of materials. And also he elaborately discussed about the globally recognized standard certificates for green building like LEED, BREEAM and Green globes.</p> <p>In the afternoon session, the resource persons explained various green material such as fly ash, slag and silica fume as a supplementary cementitious materials, use of recycled aggregate from the crushed concrete, replacing traditional steel reinforcement with bamboo, etc.</p> <p>The session ended with a vote of thanks by Program coordinator Mrs. R. Padmarani, AP/Civil.</p>

8	Outcome of this program	Students will be able to know the various system implement for green construction and reduce carbon emission to lower the environmental impact. Students will be able to understand various green materials used for concrete materials.
9	Photo	

Program Coordinator

HoD/Civil