



MGR ASSOCIATION FOR GREAT INNOVATIVE CREATORS

Department of Civil Engineering

Event Title	Subject lecture on Building Technology and Habitat Engineering- III yr		
Objective of Event	The objective of the Subject Lecture is to create a harmonious balance between technological advancement, human needs, and environmental preservation, ensuring that built environments contribute positively to society.		
Chief Guest /Speaker Details	Dr.B.Vijaya, HOD, Thaimoogabaikai polytechnic college		
Date	29/10/2024	Time	10.00 AM to 12.00 PM
Venue	Civil Smart Room	No. of Participants	50

REPORT

TITLE

Subject lecture on Building Technology and Habitat Engineering- III yr

CONTENT

The objective of the Subject Lecture is to create a harmonious balance between technological advancement, human needs, and environmental preservation, ensuring that built environments contribute positively to society. The Subject Lecture on "Building Technology and Habitat Engineering covered the following::

Introduction:

- Purpose and scope of the lecture
- Overview of Building Technology and Habitat Engineering
- Dr.B.Vijaya, HoD, Thai Moogambigai Polytechnic College, Chennai was the resource person for the Subject Lecture on "Building Technology and Habitat Engineering.
- Students were exposed to the latest Technology like Smart Building Technology, Structural Systems, Construction Methods, ect..
- Integration of mechanical systems (e.g., HVAC) and electrical systems (e.g., lighting, power).
- Planning and development of sustainable and resilient cities.
- Design and analysis of building structures
- Focus on sustainable practices, energy efficiency, and reducing carbon



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Maduravoyal, Chennai - 600 095. Tamilnadu, India.

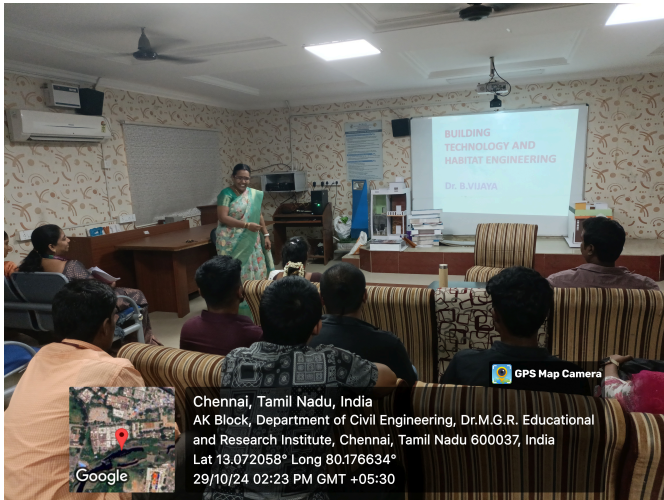
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footprints

- Aesthetic, functional, and spatial planning of buildings and habitats.
- Ensuring habitats have clean air, water, and waste management systems.



EVENT OUTCOME

Students quips professionals to design and construct sustainable, energy-efficient buildings using advanced materials and technologies. It emphasizes environmental impact, safety, and innovative solutions to urban and habitat challenges.

PHOTOS



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Chennai, Tamil Nadu, India
AK Block, Department of Civil Engineering, Dr.M.G.R. Educational
and Research Institute, Chennai, Tamil Nadu 600037, India
Lat 13.072058° Long 80.176634°
29/10/24 02:22 PM GMT +05:30



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AK Block, Department of Civil Engineering, Dr.M.G.R. Educational
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Dr. A. Arivumangai