



MGR ASSOCIATION FOR GREAT INNOVATIVE CREATORS

Department of Civil Engineering

Event Title	Technology talk on Importance of waterproofing in constructions		
Objective of Event	To Educate the current students in the field of waterproofing chemicals used in the practical field		
Chief Guest /Speaker Details	Bini Mylin, Manager, Alimica Chemicals		
Date	25/03/2024	Time	01.00 PM to 04.00 PM
Venue	Civil Smart Room	No. of Participants	80

REPORT

TITLE

Technology talk on Importance of waterproofing in constructions

CONTENT

Polymers also known as polyurethane or acrylic, are used for waterproofing. They can be applied as waterproof roof coating, bitumen membrane sheet, or even some tube injections in the crack and joints. These polymers are highly durable and water-resistant and they can be applied to various surfaces. Polyurethane is considered one of the best waterproofing materials. It can be applied seamlessly and penetrates the surface deeply and evenly. Thus, the polyurethane membrane will fill in even the finest cracks in concrete, reducing its water absorbency capacity. Another key benefit of polyurethane is that it resists oil, detergents, and various chemicals. These characteristics and benefits recommend polyurethane as one of the most versatile waterproofing materials. It can be applied on walls, balconies, terraces, and walls. As for the cost, it is in the premium range. The average application price is 600 per square meter of building. Cementitious coating is a powder mix of sand, organic, and inorganic substances plus silica-based materials. It is very popular among waterproofing contractors because it is very easy to apply. They only have to mix the powder with a specific quantity of water and they can start the installation work.



Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE (Deemed to be University) Maduravoyal, Chennai - 600 095, Tamilnadu, India. (An ISO 9001-2015 Certified Institution)



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EVENT OUTCOME

To expose the students to latest practices in the Field of waterproofing through Technology talk and to make them aware of the chemical which used in the day to day life for waterproofing

PHOTOS

