



VINAYAKA MISSION'S RESEARCH FOUNDATION

(Deemed to be University under section 3 of the UGC Act 1956)

VMRF(DU) Salem and The Ramco Cements Limited, Chennai.

Vinayaka Mission's Research Foundation (Deemed to be University) (VMRF (DU)) in Salem, India, and The Ramco Cements Limited, Chennai have signed Memorandum of Understanding (MoU) aimed at Industry-Academic interaction. The signing ceremony, held on 10th October 2022,

The major objectives:

- To effectively share the facilities and expertise for improving the capabilities for advanced education and research.
- Collaborate to share and exchange information between both parties for mutual benefit and knowledge enhancement.
- Advanced education and research, Collaborate to share and exchange information between both parties for mutual benefit and knowledge enhancement, use of laboratories and test facilities, visit Cement Plants and Research Center of the company

MOU ACTIVITIES

**VINAYAKA MISSIONS RESEARCH FOUNDATION
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY, PAIYANOOR.
DEPARTMENT OF CIVIL ENGINEERING
Industrial Visit to Ramco Cements Ramco Cements Limited,
Grinding unit, Uthiramerur on 5th April, 2024**



ORGANIZATION: Ramco Cements Limited, Grinding unit.

LOCATION: Uthiramerur

BENEFICIARY:

Students from Department of Civil Engineering. Department of Civil Engineering organized an industrial Visit to Ramco Cements Limited, Uthiramerur grinding unit. Students gained various technical aspects on manufacturing, marketing, and distribution of cement.

On 5th April, 2024, Department of Civil Engineering organized industrial visits in Ready Mix Concrete Plant belongs to Ramco Cements Limited. Students from the department of Civil Engineering with following faculty members visited the organization. Industrial Visit opportunities arranged to students as an outcome of Memorandum of Understanding signed between Vinayaka Mission's Research Foundation and Ramco Cements on 10th October, 2022.

S.No	Name of the Faculty/Research Scholar	Designation
1	Mrs.P.Subathra	Assistant Professor (Grade II)
2	Mr.K.Naveen Kumar	Assistant Professor (Grade II)
3	Mr.S. Srinivasan	Research Scholar

Schedule of Visit



S.No	Visited Area of Expertise	Visit Organized By	Designation	Time
1	Ramco Cements, Clinker Unit.	Mr. J. Vijayakumar	Manager	10:00 am – 10:30 am
2	Ramco Cements, Grinding Unit.	Mr.Karthick	Safety Officer	10:30 am – 11:30 am
3	Ramco Cements, Packing Unit.	Mr. P. Naveen Raj	Senior Manager HR	11:30 am – 12:30 pm

As per the scheduled industrial visit time students were taken to the respective area of expertise of Ramco Cements Ltd. Mr. J. Vijayakumar, General Manager Technical Services explained about the working principles of various machineries castoff in the production of various types of cement (Portland Pozzolan Cement - PPC Type).

Ramco Cements Limited, Grinding unit Brief

Cement requires the mining of a variety of minerals. Most of it is made up of gypsum, clay, and limestone, which contains the mineral calcite. According to the US Geological Survey, geologically extensive and fortunately abundant limestone is a common raw material used in cement. Cement sales totaled approximately \$14.6 billion, of which 70% to 75% went to makers of ready-mixed concrete, 11% to producers of concrete products, 8% to 10% to contractors, and 5% to 12% to other types of customers.

Although substantial amounts of concrete are recycled for use as a construction aggregate, cement is not recycled. Waste fuels, recycled fly ash and cement kiln dust, and recycled raw materials like slags can all be used in cement kilns. As supplemental cementitious materials (SCMs), a variety of secondary materials can be added to cement paste and blended cements.