

Mount Zion College of Engineering and Technology
Department of Civil Engineering
Industry Connect 2020 – Webinar

on

Soil characterization and Foundations for offshore structures

Date: 19.06.2020

Webinar Guest : Dr. Kalaiarasi Vembu
Senior Geotechnical Engineer
Fugro Geo Consulting
Belgium.

Participated : 62

Time : 11:30 am to 12:30 pm

Civil Engineering Department of Mount Zion College of Engineering and Technology, in association with The Institution of Engineers India [IEI] and MHRD – Institution Innovation Council has organized Industry connect 2020 – webinar on “Soil characterization and Foundations for offshore structures” on 19th of June 2020. The total numbers of participants in the webinar are 62. The resource person for the webinar was Dr. Kalaiarasi Vembu, Senior Geotechnical Engineer, Fugro Geo Consulting, Belgium. The event was organized by M.Vijay prakash AP/Civil and Head and Co ordinated by I.Regina Mary, AP/Civil.

Summary:

Our host started the session with an introduction of offshore structures. She explained that the form of an offshore structure varies depending on the resources that is designed to produce and transmit. She detailed about the soil test, types of foundation, design of pile foundation and the analysis of pile foundation. She explained the case histories of pile failure in some extreme conditions. Furthermore she gave students ideas and suggestion on working platforms in geotechnical sectors, and concluded that by starting their carrier as a geotechnical engineer they can learn more.

