# EXCEL ENGINEERING COLLEGE

**(Autonomous)**

**Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai**

**Accredited by NBA (AERO,CSE, MECH,ECE), NAAC with "A+" and Recognised by UGC (2f &12B)**

**KOMARAPALAYAM – 637303**

## Department of MCA

**Academic Year 2021-2022**

Date: 15.03.2022

Circular

This is to inform that, Excel Engineering College, Department of MCA organizing Awareness Programme on Renewable Green Energy at B1 Block on 19.03.2022.

**HOD /MCA**

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## Department of MCA

## Awareness Programme on Renewable Green Energy

### Summary Report

**DATE** **:** 19/03/2022

**VENUE** : B1 Block Lab

**NO. OF PARTICIPANTS** : 32

This is to inform that, Excel Engineering College, Department of MCA conducting Awareness programme on Renewable Green Energy on 19.03.2022. Green energy is at the heart of all ecological strategies because it affects companies in three vital areas: environmental, economic, and social. Conventional energy sources based on oil, coal, and natural gas have proven to be highly effective drivers of economic progress, but at the same time damaging to the environment and to human health. The potential of renewable energy sources is enormous as they can in principle meet many times the world's energy demand. Renewable energy sources such as biomass, wind, solar, hydropower, and geothermal can provide sustainable energy services, based on the use of routinely available, indigenous resources.

Renewable energy sources currently supply somewhere between 15 percent and 20 percent of world's total energy demand. The supply is dominated by traditional biomass, mostly fuel wood used for cooking and heating, especially in developing countries in Africa, Asia and Latin America. A major contribution is also obtained from the use of large hydropower; with nearly 20 percent of the global electricity supply being provided by this source. New renewable energy sources (solar energy, wind energy, modern bio-energy, geothermal energy, and small hydropower) are currently contributing about two percent. A number of scenario studies have investigated the potential contribution of renewable to global energy supplies, indicating that in the second half of the 21st century their contribution might range from the present figure of nearly 20 percent to more than 50 percent with the right policies in place.