



# TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING & TECHNOLOGY

Wardha Road, Nagpur - 441108

Accredited with NAAC A+ Grade

Approved by AICTE, New Delhi, Govt. of Maharashtra

(An Autonomous Institution Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)



## Department of Electrical Engineering (NBA Accredited)

Third Year (Semester-VI) B. Tech. Electrical Engineering

### **BEE3611: Geothermal Energy Utilization**

#### **Assignment No.01**

1.	What do you understand by geothermal energy? What are geothermal fields?	CO1
2.	What is the current status of geothermal energy in India?	CO1
3.	What are hot spots? Why hot spots are important in harnessing Geo-thermal energy?	CO1
4.	Explain the new trends in renewable energy technologies.	CO1
5.	What are the limitations of harnessing Geo-thermal energy? What are the advantages and disadvantages of Geo-thermal energy?	CO2
6.	Classify the geothermal sources.	CO2
7.	Discuss the disadvantages of geothermal plants.	CO2
8.	What is the difference between fissures and fumaroles in geothermal energy?	CO2

Date of assignment display: 27/01/2024

Date of assignment submission: 04/03/2024

Course Coordinator

HoD,EE