



# 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.02**

1.	Discuss vapor-dominated geothermal plants with a diagram.	CO3
2.	With a line diagram, explain the heat extraction from hot dry rocks	CO3
3.	Briefly describe different analytical methods to estimate geothermal potential.	CO3
4.	Explain the various Geothermal resources available.	CO4
5.	Illustrate with Neat Sketch Hybrid Geothermal-Fossil Power Units	CO4
6.	Discuss the effects of Impurities in the Geo thermal Fluid.	CO4
7.	Explain with neat sketches, the operation of a geothermal power plant.	CO5
8.	Discuss the classification of geothermal power plants	CO5

Date of assignment display: 13/03/2024

Date of assignment submission: 30/04/2024

Course Coordinator

HoD,EE