

Department of Mechanical Engineering, S.I.T Sitamarhi

Assignment -I

Subject: NCM, 6th Semester ME

Faculty Name: M. K. PODDAR, Asst. Prof., Dept. of ME

1. Write down the classification of non-conventional machining processes on the basis of energy.
2. Explain the working principle of USM with neat sketch showing all components. Also write the applications and limitations of USM.
3. Explain the working principle of electric discharge machining (EDM) with neat sketch. Also write its applications.
4. Explain the mechanism of material removal in ECM with neat sketch. Also write the application and limitations of ECM.
5. With the help of suitable diagram, explain the production of laser beam and working principle of laser beam machining.

Last Date to submission of Assignment-I: 06/04/2020

Submission of Assignment:

Prepare Answer of assignment questions in MS word format/Scanned copy of hand format & send it to:

➤ at my Email ID: poddar05@gmail.com

or

➤ WhatsApp Group of NCM: <https://chat.whatsapp.com/DJC54ahWMnGhAkW0d5pqt>