

DEPARTMENT : MECHANICAL SEMESTER : 3 SUBJECT NAME : MATERIAL SCIENCE & METALLURGY SUBJECT CODE : 3131904 FACULTY NAME: ASSIST PROF KEDAR H

ASSIGNMENT: 8 POWDER METALLURGY

- 1. What is powder metallurgy? Write the applications, advantages, dis-advantages of powder metallurgy.
- 2. Steps in powder metallurgy.
- 3. Describe the powder production process in detail.
- 4. Describe powder conditioning, compacting and pressing with sketch and details.
- 5. Explain sintering process in detail.
- 6. Write characterization and testing of metal powder.

