

MATERIAL SCIENCE IN ENGINEERING

UNIT-5

1. What is polymer?
2. What is plastics?
3. Differentiate between condensation and addition polymerisation.
4. What is ceramics?
5. What are the structure of ceramics? Explain the application of ceramics.
6. What are composite materials?
7. Explain different types of composite materials.
8. What are smart materials?
9. Explain smart materials with proper examples and their application.
10. Discuss about different types of corrosion.
11. What is fracture?
12. Explain different types of fracture.
13. Explain fracture mechanism.
14. Explain the Processing of Plastics.
15. What is Nano Materials?
16. Write about the properties and applications of nano materials in different field.