

# Material Science

## Prof. Satish V. Kailas

Associate Professor  
Dept. of Mechanical Engineering,  
Indian Institute of Science,  
Bangalore – 560012  
India

### Chapter 10. Applications and Processing of Ceramics

#### Learning objectives:

- To understand (a) the classification of ceramics and then different fabrication methods of ceramic products, (b) how the applications and processing of ceramic materials are influenced by their mechanical and thermal properties, such as hardness, brittleness, and high melting temperatures.