

AMMR-10: IRON AND STEEL MAKING

Course Details:

Refractories for iron & steel; design & profile of an iron blast furnace and its auxiliaries; performance evaluation of blast furnace -iron ore reduction, fuel rate calculations, BF aerodynamics & hot metal quality control; physical chemistry of steel making & secondary steel making deoxidation; continuous casting of steel; vacuum degassing; sponge iron making.

Text Books and Reference:

1. Modern Iron Making , V. R. Tuppari
2. Introduction to Modern Steel Making, V. R. Tuppari