

## AMR-10 IRON AND STEEL MAKING

1. Refractories for iron & steel; design & profile of an iron blast furnace and its auxiliaries;
2. Performance evaluation of blast furnace -iron ore reduction,
3. Fuel rate calculations,
4. BF aerodynamics & hot metal quality control;
5. Physical chemistry of steel making & secondary steel making deoxidation;
6. Continuous casting of steel;
7. Vacuum degassing; sponge iron making.

### Reference Books:

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

