

MATERIALS AND METALLURGICAL ENGINEERING

Compulsory Subjects

IC 402 Engineering Management
MM 403 Metallurgical Thermodynamics and Kinetics
MM 404 Extractive Metallurgy
MM 405 Mechanical Behaviour of Materials
MM 406 Physical Metallurgy
MM 407 Metallurgical Design



Optional Subjects

(Any three from any one group)

Group I Extractive Metallurgy

MM 411 Mineral Engineering
MM 412 Fuels, Furnaces and Refractories
MM 413 Ferrous Extractive Metallurgy
MM 414 Non-ferrous Extractive Metallurgy
MM 415 Instrumentation and Control

Group II Materials Science

MM 421 Polymer Materials and Technology
MM 422 Electrometallurgy and Corrosion
MM 423 Advanced Physical Metallurgy
MM 424 Materials Characterisation
MM 425 Ceramic Materials

Group III Materials Processing

MM 431 Polymer Materials and Technology
MM 432 Welding and Allied Processes
MM 433 Advanced Physical Metallurgy
MM 434 Foundry Engineering
MM 435 Mechanical Working Processes



Project Work

and

Laboratory Experiments

[10 (ten) experiments are to be undertaken from the prescribed list]