

# PRODUCTION ENGINEERING

## Compulsory Subjects

IC 402 Engineering Management  
PR 403 Mechanics of Solids  
PR 404 Manufacturing Automation  
PR 405 Production Management  
PR 406 Manufacturing Technology  
PR 407 Design of Machine Elements



## Optional Subjects

*(Any three from any one group)*

### Group I Manufacturing Engineering

PR 411 Manufacturing Science  
PR 412 Computer Aided Manufacturing  
PR 413 Tool and Die Design  
PR 414 Design of Machine Tools  
PR 415 Inspection and Product Control

### Group II Design of Production Systems

PR 421 Facility Planning, Design and Maintenance  
PR 422 Project Management  
PR 423 Quality Management  
PR 424 Operations Research  
PR 425 Work Study and Ergonomics

### Group III Operations of Production Systems

PR 431 Materials Management  
PR 432 Computer Aided Manufacturing  
PR 433 Quality Management  
PR 434 Operations Research  
PR 435 Operations Planning and Control



## Project Work and

## Laboratory Experiments

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