

Industrial Management Elective Courses

| Course No. | Course Title | Credit Hrs |
|------------|--------------------------------------|------------|
| IM-501 | Supply Chain Management | 3 |
| IM-502 | Computer Simulation Methods | 3 |
| IM-503 | Maintenance Management | 3 |
| IM-505 | Automated Manufacturing Systems | 3 |
| IM-506 | Business Process Reengineering | 3 |
| IM-515 | Agile & Lean Manufacturing | 3 |
| IM-526 | Facilities Planning and Layout | 3 |
| ME-524 | Reliability & Quality Engineering | 3 |
| ME-527 | Human Factors Engineering | 3 |
| ME-529 | Management Information Systems (MIS) | 3 |
| ME-542 | Energy Management | 3 |
| ME-546 | Energy Planning | 3 |
| ME-586 | Health Safety & Environment | 3 |
| SE 512 | Research Methodology | 0 |
| IM-5002 | Thesis | 6 |

Quality Management Elective Courses

| Course No. | Course Title | Credit Hrs | Course No. | Course Title | Credit Hrs |
|------------|---------------------------------|------------|------------|------------------------------------|------------|
| IM-506 | Business Process Reengineering | 3 | IM-515 | Agile and Lean Manufacturing | 3 |
| IM-511 | Statistical Quality Control | 3 | IM-516 | Design and Analysis of Experiments | 3 |
| IM-512 | Reliability Engineering | 3 | IM-517 | Advanced Quality Engineering | 3 |
| IM-513 | Six Sigma Methodologies | 3 | ME-586 | Health Safety & Environment | 3 |
| IM-514 | Quality Planning and Management | 3 | SE 512 | Research Methodology | 0 |
| | | | IM-5002 | Thesis | 6 |

Supply Chain Management Elective Courses

| Course No. | Course Title | Credit Hrs | Course No. | Course Title | Credit Hrs |
|------------|--|------------|------------|--|------------|
| IM-501 | Supply Chain Management | 3 | IM-558 | Change Management | 3 |
| IM-550 | Advanced Principles of Supply Chain Management | 3 | IM-559 | International Trade | 3 |
| IM-551 | Information Technology for Supply Chain Management | 3 | IM-560 | Process Management | 3 |
| IM-552 | Logistics Management | 3 | IM-561 | Principles of Marketing | 3 |
| IM-553 | Green Supply Chain Management | 3 | IM-562 | New Product and Service Development Management | 3 |
| IM-554 | Procurement Management | 3 | IM-563 | Warehouse Management and Physical Distribution Network | 3 |
| IM-555 | Business Process Simulation | 3 | IM-564 | Supplier Relationship Management | 3 |
| IM-556 | Retail Management | 3 | ME-586 | Health Safety & Environment | 3 |
| IM-557 | Managing Supply Chain Inventory | 3 | SE 512 | Research Methodology | 0 |
| | | | IM-5002 | Thesis | 6 |