**CII – IL FUNCTIONAL EXCELLENCE COURSE COMPONENTS**

**EM-22: OPERATIONS STRATEGY AND MANAGEMENT**

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| **BLOCK** | **UNIT NOs** | **UNIT TITLE** |  |
| **I** |  | **LEVERAGING OPERATIONS TO COMPETE** |  |
|  | 1 | Introduction to operations management |
|  | 2 | Operations strategy |
|  | 3 | Project management |
| **II** |  | **MANAGING PROCESSES** |  |
|  | 4 | Process structure in services |
|  | 5 | Process structure in manufacturing |
|  | 6 | Process analysis |  |
| **III** |  | **CONSTRAINT MANAGEMENT AND PROCESS LAYOUT** |  |
|  | 7 | Constraint management |
|  | 8 | Tools of capacity planning |
|  | 9 | Process layout |  |
| **IV** |  | **LEAN SYSTEMS** |  |
|  | 10 | Characteristics of lean systems for series and manufacturing |
|  | 11 | The Kanban system |
|  | 12 | Value stream mapping |  |
| **V** |  | **MAINTENANCE OPERATIONS** |  |
|  | 13 | Introduction to maintenance management |
|  | 14 | Maintenance alternatives and decision tools |
|  | 15 | Spare parts management |  |