

## **DETAILS OF THE SUBJECTS OFFERED IN THE SEMESTERS**

### **SEMESTER-I**

1. Mathematics I
2. English I
3. Basic Electricity I
4. Engineering Drawing I
5. Engineering Mechanics I
6. Information Technology I
7. Applied Thermodynamics I
8. Workshop Technology I

### **SEMESTER-II**

1. Mathematics II
2. English II
3. Basic Electricity II
4. Engineering Drawing II
5. Engineering Mechanics II
6. Information Technology II
7. Workshop Technology II
8. Applied thermodynamics II
9. Marine Engineering Knowledge I

### **SEMESTER-III**

1. Mathematics III
2. English III
3. Fluid Mechanics
4. Marine engineering drawing I
5. Strength of materials
6. Naval architecture
7. Workshop technology III
8. Marine Engineering KnowledgeII
9. Ship board electrical system

#### **SEMESTER-IV**

1. Workshop technology IV
2. Marine Engineering Knowledge III
3. Marine internal combustion engine
4. Marine auxiliary
5. Marine engineering drawing II
6. Instrumentation and control system
7. Ships construction

#### **SEMESTER-V**

1. Standard Engineering Practices
2. Marine Regulation
3. Hull maintenance
4. Industrial Management
5. FAC main engine
6. FGB main engine
7. Propulsion Systems
8. Water Treatment
9. Non Destructive Test
10. NBCD
11. Practical training ( SLN Dockyard Attachment)

#### **SEMESTER-VI**

1. On the Job Training(Practical)