

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. Basic Electronics
9. Electrical Measurement

SEMESTER – III

1. Mathematics III
2. English III
3. Electrical machine & power system
4. Advance Electronic
5. Measurement and Power supplies
6. Programmable Logic Array
7. Digital electronic
8. Computer Science
9. Telecommunication I

SEMESTER – IV

1. Power Electronics
2. Microprocessor System
3. Electrical Safety and Protection
4. EMI & EMC
5. Wiring Diagrams and Electrical Construction

6. Telecommunication II
7. Microwave devices
8. Radar Theory
9. Sonar Theory

SEMESTER – V

1. Standard Engineering Practices
2. Marine Regulation
3. Industrial Management
4. NBCD
5. Practical training (SLN Dockyard Attachment)
6. Naval Electronics system
7. Navigational Radar (SLN use)

SEMESTER-VI

1. On the Job Training (Practical)