



IIMSR

Imperial Institute of Management Science & Research

A Unit Of Wales Educational Trust

Diploma Programme in Instrumentation Engineering

Duration: 03 Year

Total Fee: 60,000

Semester: 1

1. English Communication
2. Applied Mathematics -I
3. Basic Electrical & Electronics Engineering
4. Engineering Graphics
5. Elements of Electronics

Semester: 3

1. Metrology and Mechanical Measurements -I
2. Metal Casting Science & Engineering
3. Fluid Mechanics & Machines
4. Manufacturing Technology-I
5. Mechanical Measurements & Metrology

Semester: 5

1. Instrumentation mechanisms and optical instrumentation -I
2. Basic Management Skills and Indian Constitution
3. Thermal Engineering -II
4. Design of machine Elements
5. Mechatronics

Semester: 2

1. Applied Mathematics -II
2. Applied Science
3. Mechanical Engineering Science
4. Strength of Materials
5. Digital Techniques

Semester: 4

1. Metrology and Mechanical Measurements -II
2. Theory of Machines
3. Thermal Engineering
4. Manufacturing Technology -II
5. Fluid Power Engineering

Semester: 6

1. Instrumentation mechanisms and optical instrumentation-II
2. Estimating and Costing
3. Measurement techniques and Transducers
4. Signal conditioners and vacuum instrumentation
5. Project & Viva