



ANJUMAN-I-ISLAM'S

**KALSEKAR TECHNICAL CAMPUS, NEW PANVEL**Approved by : All India Council for Technical Education, Council of Architecture, Pharmacy Council of India New Delhi,  
Recognised by : Directorate of Technical Education, Govt. of Maharashtra, Affiliated to : University of Mumbai. SCHOOL OF ENGINEERING & TECHNOLOGY SCHOOL OF PHARMACY SCHOOL OF ARCHITECTURE**DEPARTMENT OF ELECTRICAL ENGINEERING****ELECTRICAL & ELECTRONIC MEASUREMENTS****QUESTION BANK****MODULE 2: Principles of Digital Instruments**

Q1 Explain digital energy meter

Q2 Explain resolution &amp; sensitivity of digital meter

Q3 Explain block diagram of DVM

Q4 Explain the working principal &amp; basic block diagram of frequency meter in detail &amp; show it is useful for time interval measurement

Q5 Explain with the help of diagram operation of ramp type digital voltmeter and write its advantage &amp; disadvantage

Q6 Explain the construction &amp; working of digital tachometer

Q7 Write a short note on digital multimeter

Q8 How digital meters are advantageous than analogue meters

Q9 Write short note on linear ramp type DVM

Q10 Explain the working principle of Voltmeter, Ammeter &amp; Frequency meter

Q11 What is the resolution of a  $3\frac{1}{2}$  digit display on 1V & 10V ranges?**Innovative Teaching - Exuberant Learning**

Vision : To be the most sought after academic, research and practice based department of Electrical Engineering that others would wish to emulate.