

Ananda Chandra College[Govt. Sponsored] :: Jalpaiguri

Quotation Notice/12.04.2022

Sealed quotations (with GST) are invited from reputed companies/firms for the purchase of the following items for the Department of Physics, Ananda Chandra College, Jalpaiguri **within 7 days** of publication of this notice. Concerned companies/firms are asked to submit quotation through email to accpurchase2020@gmail.com or Quotation Drop-Box kept in the office of the undersigned.

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	Full and complete experimental set-up to verify the law of Malus for plane polarized light.
1	Full and complete experimental set-up to analyze elliptically polarized Light by using a Babinet's compensator.
2	Full and complete experimental set-up to study dependence of radiation on angle for a simple Dipole antenna.
3	Full and complete experimental set-up to determine the wavelength and velocity of ultrasonic waves in a liquid (Kerosene Oil, Xylene, etc.) by studying the diffraction through ultrasonic grating.
4	Full and complete experimental set-up to study the reflection, refraction of microwaves
5	Full and complete experimental set-up to determine the refractive index of liquid by total internal reflection using Wollaston's air-film.
6	Full and complete experimental set-up to determine the refractive Index of (1) glass and (2) a liquid by total internal reflection using a Gaussian eyepiece.
7	Full and complete experimental set-up to study the polarization of light by reflection and determine the polarizing angle for air-glass
8	Full and complete experimental set-up to verify the Stefan's law of radiation and to determine Stefan's constant.
9	Full and complete experimental set-up to study transistor characteristics.
10	Full and complete experimental set-up to study V-I characteristics of p-n junction diode and light emitting diode.
11	Full and complete experimental set-up to design a Wien bridge oscillator for given frequency using an op-amp.
12	Full and complete experimental set-up to design Digital to analog converter (DAC) & Analog to digital converter (ADC)
13	To design inverting amplifier using op-amp and study its frequency response.
14	A. C. signal generator (2 MHz, Digital)
15	A. C. millivoltmeter Digital with 1kHz oscillator
16	Full and complete experimental set-up for 4-bit binary Adder.

- Note:
1. Make: Preferably OSAW/ SES/ Ambey/ Triode/ DeTech/ HSC
 2. Quotation should accompany detailed specifications of the experimental set-ups.
 3. Decision taken by the purchase committee in this regard will be final.

Chandana Acharya
Dr. Chandana Acharya
Head of the Department
Department of Physics

Dr. Debashis Das
Dr. Debashis Das
Principal
Ananda Chandra College
Jalpaiguri