

OFFICE OF THE PRINCIPAL

PH: 226415 (06641)

## DEOGARH COLLEGE, DEOGARH

AT./PO:-PURUNAGARH, DIST:- DEOGARH, PIN : 768119 (ORISSA)

E-mail: [principaldeo@gmail.com](mailto:principaldeo@gmail.com),

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### QUOTATION CALL NOTICE

Sealed quotations are invited from reputed manufactures/ authorized dealers for supply of equipments/ Lab. equipments/ Computer system etc.. The parties should submit valid GST clearance certificates, SRIN/ TIN number registration certificates alongwith quotation whichever in applicable. Details can be obtained on request from the email Id of the college [principaldeo@gmail.com](mailto:principaldeo@gmail.com) or in person during office hour (10.00 A.M to 4.00 P.M). The same can also be viewed from Deogarh district website [www.deogarh.nic.in](http://www.deogarh.nic.in). Last date of submission is 15.11.2018 at 1.00 P.M. Quotations will be opened on the same date at 2.00 P.M.

The authority reserves right to cancel any or all quotations without assigning any reason thereof.

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## DEPARTMENT OF MATHEMATICS

Sl.No.	Name of Items
1	Computer System (Intel Core i 3, 6 <sup>th</sup> Gen. 2 ghz, 1tb hdd Window 10)
2	External HardDisk (2tb)
3	UPS
4	Printer + Scanner +Xerox (Inkjet colour printer)
5	Pendrive (64 GB)
6	Laptop (Intel Core i3, 6 <sup>th</sup> Gen. 2 ghz, 1tb hdd Window 10)
7	LCD Projector and Screen
8	Inverter
9	Refrigerator

## DEPARTMENT OF ZOOLOGY

Sl.No.	Name of Items
1	Microtome
2	Chromatographic chambers
3	Slide box cabinet
4	Spectrophotometer UV (visible)
5	Water analysis kit
6	Binocular Microscope
7	B.P.instrument
8	Stethoscope
9	Centrifuge (high speed)
10	Turbid meter

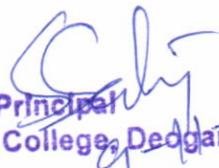
## DEPARTMENT OF BOTANY

Sl.No.	Name of Items
1	Centrifuge (high speed)
2	CC TV (with monitor)
3	Inverter
4	Fire Extinguisher
5	Pedestal fan

  
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## DEPARTMENT OF CHEMISTRY

Sl.No.	Name of Items
1	UV VISIBLE Spectrophotometer
2	Quartz cells(for UV-VIS spectrophotometer)
3	Distilled water plant
4	Digital Laboratory balance(4-digit after decimal,0.1g-200g,Accuracy 0.001)
5	Magnetic stirrer with heater
6	P <sup>H</sup> meter(microscope based)
7	Conductivity meter
8	Potentiometer
9	Heating Furnace(25 <sup>0</sup> -1200 <sup>0</sup> c)
10	Hot Water bath
11	Thermostat
12	KBr Hydroaulic pellet press(manual)(0-15 tons)
13	KBr Die set(13mm dia, stainless steel)
14	Agate mortar and pestle(4 inch ID)
15	Tygon Tube(10meters)
16	Vaccum Desicator
17	Melting point Apparatus
18	TLC apparatus set
19	Paper chromatography set
20	Laminar air flow table(sample praparation)
21	LCD projector and screen
22	Laptop

  
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### Department of Physics

- 1- COMPUTERS ( Intel Core i3, 6<sup>th</sup> Gen-2 ghz, 1tb hdd window 10)
- 2- PRINTER/ XEROX/ SCANNER-
- 3- FRIDGE- 200 lt.
- 4- VISCOSITY OF WATER BY CAPILLARY FLOW METHOD (POISEUILL'S METHOD)-
- 5- RIGIDITY MODULUS BY MAXWELL'S NEEDLE METHOD
- 6- MOMENT OF INERTIA BY FLY WHEEL-
- 7- TRIPOD STAND FOR BAR PENDULUM-
- 8- COMPARE CAPACITANCES USING DE- SAUTY'S BRIDGE
- 9- CAREY FOSTER'S BRIDGE
- 10- CHARACTERISTICS OF RC CIRCUIT (DC CIRCUIT)
- 11- CRO & FREQUENCY GENERATOR-
- 12- SELF- INDUCTANCE OF COIL BY RAYLEIGH'S METHOD
- 13- MOTION OF COUPLED OSCILLATORS
- 14- PLUG KEY'S, COMMUTATOR KEYS
- 15- MICHELSON'S INTERFEROMETER
- 16- THICKNESS OF A THIN PAPER BY MEASURING THE WIDTH OF INTERFERENCE FRINGES PRODUCED BY WEDGE- SHAPED FILM
- 17- DETERMINATION OF CO- EFFICIENT OF THERMAL CONDUCTIVITY OF Cu BY SEARLE'S APPARATUS
- 18- DETERMINATION OF MECHANICAL EQUIVALENT OF HEAT, J BY CALENDER & BARNE'S CONSTANT FLOW METHOD
- 19- TEMP. CO- EFFICIENT OF RESISTANCE BY PLATINUM RESISTANCE THERMOMETER
- 20- COEFFICIENT OF BAD CONDUCTOR BY LEE & CHARLTON'S DISC METHOD
- 21- VARIATION OF THERMOCMF OF A THERMOCOUPLE WITH DIFFERENCE OF TEMPRATURE OF ITS TWO JUNCTIONS
- 22- HALF ADDER, FULL ADDER & FOUR BIT BINARY ADDER
- 23- DIODE AND TRANSISTER TESTING WITH MULTIMETER
- 24- J-K MASTER SLAVE FLIP FLOP USING FLIP FLOP ICS
- 25- HALF SUBTRACTOR, FULL SUBTRACTOR, ADDER- SUBTRACTOR USING FULL ADDER
- 26- DESIGN MONOSTABLE MULTIVIBRATOR USING 555 TIMEX
- 27- PLANCK'S CONSTANT USING BLACK BODY RADIATION AND PHOTO DETECTOR
- 28- PHOTO ELECTRIC EFFECT- PHOTO CURRENT Vs INTENSITY, PHOTOCURRENT Vs WANELENGTH, MAXIMUM ENERGY OF PHOTOELECTRONS Vs FREQUENCY, WORK FUNCTION OF MATERIAL OF FILAMENT OF HEAT & VACUME DIODE
- 29- TO DETERMINE e/m (a) MAGNETIC FOCUSING (b) BARMAGNET
- 30- TUNNELING EFFECT IN TUNNEL DIODE USING I-V CHARACTERISTICS
- 31- TO STUDY VI CHARACTERISTICS OF ZENER DIODE AND USES AS VOLTAGE REGULATOR

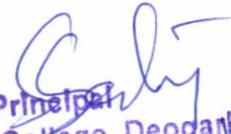
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- 32- TO DESIGN CE TRANSISTERAMPLIFIER USING VOLTAGE DIVIDER
- 33- TO STUDY THE ANALOG TO DIGITAL CONVERTOR (ADC) IC
- 34- TO DESIGN AN INVERTING AMPLIFIER USING OPAMP FOR DC VOLTAGE OF GIVEN GAIN
- 35- TO DESIGN INVERTING AMPLIFIER USING OP- AMP (741, 351) AND STUDY ITS FREQUENCY RESPONSE
- 36- TO STUDY THE ZERO CROSSING DETECTOR AND COMPARATOR
- 37- SUSCEPTIBILITY OF PARANCAGNETIC SOI (QUINCK'S TUBE METHOD)
- 38- TO MEASURE MAGNETIC SUSCEPTIBILITY OF SOLIDS
- 39- TO DETERMINE THE COUPLING COEFFICIENT OF A PIZO ELECTRIC CRYSTAL
- 40- TO MEASURE DEELECTRIC CONSTANT OF A MATERIAL FREQUENCY
- 41- TO STUDY PE HYSTEASIS LOOP OF A FERROELECTRIC CRYSTAL
- 42- TO DETERMINEHALL COEFFICIENT OF A SEMICONDUCTOR SAMPLE
- 43- TO VERIFY THE LAW OF MALUS FOR PLANE POLARIZE LIGHT
- 44- TO DETERMINE THE SPECIFIC ROTATION OF SUGAR BOL USING POLARIMETER
- 45- TO ANALIZE ELLIPTICALLY POLARIZED LIGHT BY USING BABINETS COMPENSATOR
- 46- TO DETERMINE BOLTZMANN CONSTANT USING V-I CHARACTERISTICS OF PN JUNCTION DIODE
- 47- TO STUDY REFLECTION, REFRACTION OF MICROWAVES
- 48- TO STUDY POLARIZATION AND DOUBLE SLIT INTERFERENCE IN MICROWAVES
- 49- TO DESIGN A POWER SUPPLY USING BRIDGE RECTIFIER AND STUDY EFFECT OF C- FILTER
- 50- TO DESIGN THE ACTIVE LOW PASS AND HIGH PASS FILTER
- 51- TO STUDY THE OUTPUT AND TRANSFER CHARACTERISTICS OF A JFET
- 52- TO STUDY OUTPUT CHARACTERISTICS OF A MOSFET
- 53- DESIGN AMPLITUDE MODULATOR USING TRANSISTER
- 54- STUDY OF ASK AND FSK MODULATOR

  
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## General

SI No	Name of Items
1	CCTV (IP based, 32 Channel NVR Bullet Camera Weather Proof)
2	LED 42"
3	Water Purifier-Cum-Cooler
4	Inverter 4Kw Battery 160 Nos
5	Desktop
6	Printer-Cum- Fax-Cum-Scanner
7	Laptop
8	Fire extinguisher
9	AC 2 Ton
10	Public address system
11	Refrigerator 250 Lit.
12	Ceiling Fan – Havels
13	Solar Light – 20mts, 100wt Led Bulb
14	Pedestal Fan

  
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