

NOTICE

QUOTATIONS ARE INVITED FOR PURCHASE OF CHEMICAL AND EQUIPMENTS UNDER THE FUNDING OF UGC SPONSORED MINOR RESEARCH PROJECT (NO. PSW-230/15-16). FOR DETAILS SEE FOLLOWING PAGES.

QUOTATION MUST BE SUBMITTED FOLLOWING THE STANDARD RULES. FINAL OFFER VALUE MUST BE INCLUDING OF ALL TAXES AND DELIVERY CHARGES. QUOTATION WILL BE ACCEPTED WITHIN 10 DAYS FROM THE PUBLICATION OF THIS NOTICE AND WILL BE SUBMITTED TO THE PRINCIPAL INVESTIGATOR (P.I.) OF THE PROJECT

Thanking you

Palash Setua 20/07/17
Principal Investigator

Dr. Palash Setua

Debasis Das
20/07/17

(Prof. Debasis Das)
Teacher-in-Charge
Pingla Thana Mahavidalaya

PINGLA THANA MAHAVIDYALAYA
DEPARTMENT OF CHEMISTRY
LIST OF NECESSARY ITEMS FOR UGC SPONSORED MINOR RESEARCH PROJECT(NO. PSW-230/15-16)

LIST OF BOOK

1. Luminescence Techniques in Chemical and Biochemical Analysis (Practical Spectroscopy)
(Sold by Heritage Publishers)
Publisher: Marcel Dekker Inc
Author: Willy R. G. Baeyens Danis De Keukeleire Katherine Korkidis
ISBN-10:824783697
2. Principles of Fluorescence Spectroscopy
(Sold by Atlantic Publishers and Distributors)
Author: Joseph R. Lakowicz
Publisher: Springer
ISBN-10: 0387312781
3. Influence of Additives on Microstructure of Reverse Micelles
(Sold by Atlantic Publishers and Distributors)
Author: Surinder Mehta, Khushwinder Kaur.
Publisher: LAP Lambert Academic Publishing
ISBN-10: 3843391629
4. Structure and Reactivity in Reverse Micelles (Studies in Physical and Theoretical Chemistry)
(Sold by Amajon.com book seller)
Editor: M. P. Pileni
Publisher: Elsevier Science Ltd
ISBN-10: 0444881662

LIST OF EQUIPMENTS

1. Hellma® fluorescence cuvettes, ultra Micro (Sigma Aldrich)
Model: Z600539-1EA, 100 µL
Quantity: 2 (two)
2. Hellma® fluorescence cuvettes, standard cells, Macro (Fluka)
Model: Z803197-1EA , 3500 µL
Quantity: 2 (two)
3. Circular Dichroism Cell (Precision cell Inc, NY11735, USA)
Model: 20ES1
Quantity: 2 (two)
4. A20ES extended spring standard cuvette mount (Precision cell Inc, NY11735, USA)
Model: A20ES
Quantity: 2(two)

LIST OF INSTRUMENTS

1. Distilled Water Unit, Double Stage, With built-in- Quartz Heater, Vertical Panel Mounted. Condenser and Boiler full Quartz glass. **MAKE: BOROSIL.**
2. Oil free vacuum pump. **MAKE: TARSON, MODEL: ROCKER 400 AND HINDHIVAC (BOTH)**
3. Digital Ultrasonic bath (Sonicator) with fully stainless steel body and stainless steel tank and with digital timer. **MAKE: NO PREFERENCE**
4. Heating mantle, capacity 500 ml. **MAKE: NO PREFERENCE**
5. Heating oil bath with one stand and clamp, heating coil with glass cover, 500 ml silicone oil and one variable AC power supply.
6. Micro pipette (2-20µl) 1pc and Micro pipette (200-1000µl)
7. Tips bag for the above mentioned micropipette (1 bag for each)
8. Centrifuge tube 3 ml (2 box)
9. Parafilm (1 roll)
10. Teflon tape (10 roll)
11. Micro butane torch with 2 butane cylinder.
12. RB flask 50ml two neck standard joint

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13. Condenser with standard joint
14. 5 ml volumetric flask.

LIST OF CHEMICALS

1. Dioctyl sulfosuccinate sodium salt (sigma Aldrich, 100 g)
2. Triton X 100 (sigma Aldrich 500g)
3. Amberlyst 15 hydrogen form (fluka 500g)
4. Bis-(2ethylhexyl) phosphate (sigma Aldrich 100g)
5. Active charcoal 200g
6. Aqueous syringe filter (50 pcs)
7. Non aqueous syringe filter (50 pcs)
8. Isooctane (spectroscopy grade 1 lit)
9. Cyclohexane (spectroscopy grade 1 lit)
10. Sodium borohydride (100g)
11. Silver nitrate (25g)
12. Chloro aureate salt (1g)
13. Silver acetate (25g)
14. Electron microscopy grid (25 pcs)

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