

**List of Equipment procured under DBT Star College Scheme, 2019,
Department of Chemistry, Sibsagar College, Joysagar**



PH METER



CONDUCTIVITY METER



POLARIMETER



TLC CHAMBER



DIGITAL BALANCE



CENTRIFUGE MACHINE



MINI ROTATORY SHAKER



ULTRASONIC BATH



ROUGH BALANCE



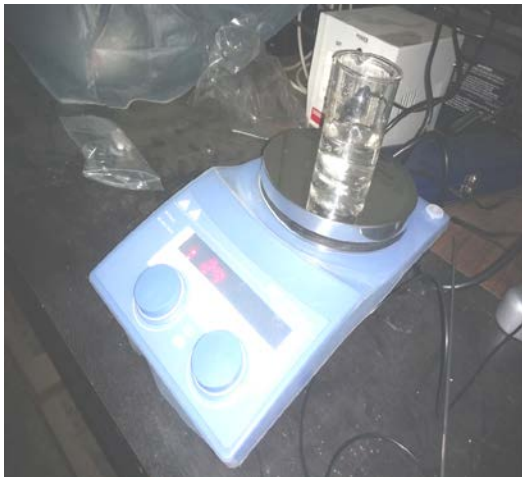
COMPUTER WITH ACCESSORIES



MOTORS FOR VACUUM PUMP



FUME HOOD CHAMBER



MAGNETIC STIRRER



WATER ANALYSIS KIT



Distilled water plant



SOXHLET APARATUS



**COLUMN
CHROMATOGRAPHY
COLUMNS**



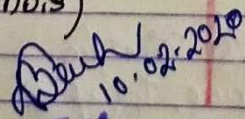
**REFRIGERATOR FOR
LABORATORY PURPOSE**

List of Equipment installed:

| Sl. No. | Name of the items | Number | Cost | Date of purchase | Purchase/ Installation |
|---------|--------------------------------------|--------|-----------------|------------------|------------------------|
| 1 | TLC Chamber | 5 | 12980/- | 10/2/20 | Installed |
| 2 | Fume Hood | 1 | 82600/- | 10/2/20 | Installed |
| 3 | Polarimeter | 4 | 61360.00 | 7/2/20 | Installed |
| 4 | Rough Balance | 4 | 11800.00 | 7/2/20 | Installed |
| 5 | Mini Rotary Shaker | 2 | 46964.00 | 28/1/20 | Installed |
| 6 | Ultrasonic bath (UR BIOC) | 2 | 76700.00 | 3/2/20 | Installed |
| 7 | Digital Balance Shimadzu 3RD DECIMAL | 2 | 67260.00 | 7/2/20 | Installed |
| 8 | Digital Balance Shimadzu 4TH DECIMAL | 1 | 76700.00 | 7/2/20 | Installed |
| 9 | pH-meter | 4 | 42952.00 | 7/2/20 | Installed |
| 10 | CONDUCTIVITY METER | 3 | 38752.38 | 7/2/20 | Installed |
| 11 | COLUMN CHROMATOGRAPHY | 5 | 1952.90 | 7/2/20 | Installed |
| 12 | SOXHLET APPARATUS | 5 | 22024.70 | 7/2/20 | Installed |
| 13 | CENTRIFUGE MACHINE | 3 | 31045.80 | 7/2/20 | Installed |
| 14 | DISTILLED WATER PLANT | 1 | 29674.64 | 7/2/20 | Installed |
| 15 | MAGNETIC STIRRER | 2 | 114247.60 | 7/2/20 | Installed |
| 16 | VACUUM PUMP | 3 | 26762.40 | 6/2/20 | Installed |
| 17 | WATER ANALYSIS KIT | 1 | 26550.00 | 6/2/20 | Installed |
| 20 | REFRIGERATOR FOR LABORATORY USE | 2 | 46020.00 | 6/2/20 | Installed |
| | TOTAL | | 8,16,346 | | |

List of Equipments -

| <u>Sl. no.</u> | <u>Name of the equipment (Quantity)</u> | <u>Company made.</u> | <u>From purchased from.</u> | <u>Date/Remark</u> |
|----------------|---|------------------------|----------------------------------|------------------------|
| 1. | pH meter (4 no.s) | Systronics (model-335) | Assam Chemicals, Jorhat | 7/2/2020 |
| 2. | Conductivity meter (3 no.s) | SYSTRONICS (model-304) | " | 7/2/2020 |
| 3. | Column chromatography columns | | " | 6/2/2020 |
| 4. | Soxhlet Apparatus | | " | 6/2/2020 |
| 5. | Centrifuge machine. (3 no.s) | Boxosil | " | 7/2/2020 |
| 6. | Magnetic stirrer | IKA | " | |
| 7. | Distilled water plant (1.5L) | Boxosil | " | 7/2/2020 |
| 8. | Water analysis kit | | Dal Thom's Scientific, Guwahati. | 6/2/20 (not installed) |
| 9. | Computers (2 no.s) | | " | Rejected |
| 10. | Refrigerators (2 no.s) | LG | " | 6/2/20 |


 10.02.2020

Head,
 Department Of Chemistry
 Sibasagar College, Jorhagar.

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| Sl no | Name of equipment (quantity) | Company made | Firm purchased | Date/Remark |
|-------|------------------------------|-----------------------------|------------------------------|---|
| 11. | Ion analyser | | Dalthome Scientific G/Ref | Rejected |
| 12. | Chiller | | " | not received. |
| 13. | Vacuum pump (3 no.s) | 22 ⁴ Hg/25 | Friends associate, Jorhat | 6/2/2020 |
| 14. | Mine rotary shaker (3 no.s) | | Assam Chemicals Sivrasagar | 28/1/2020 Only 2 ordered for Chem. dept. |
| 15. | TLC Chamber | Glass (20x10 cm) | JRD, Tradlers Jorhat | 10/2/2020 |
| 16. | Palasimeter (4 no.s) | SRSW/INSIP India | M/S Scientific House, Jorhat | 7/2/2020 |
| 17. | Fume hood chamber | Wooden made | M/S Scientific House, Jorhat | - |
| 18. | Digital balance (1 no) | SHIMADZU (4th Dec.) model 2 | NETCO Sivrasagar | 7/2/2020 (installed) Recvd - 28/1/20 |
| 19. | Digital balance (2 no.) | SHIMADZU model 2 | NETCO Sivrasagar | 7/2/2020 (installed) Rec. 28/1/20 |
| 20. | Rough balance (4 no.s) | (battery back up) | M/S Scientific House, Jorhat | 7/2/2020 |

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| Sl no | Name of the equipment (quantity) | Company made | Firm purchased | Date/Remark | C | D | E | F | G | H | I | J | K | L | M | N | O |
|-------|---------------------------------------|-----------------------------|------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21. | Ultrasonic bath (check model) (4.5 L) | UR-Biocotion Model - UC (C) | NETCO Sivrasagar | 3/2/2020 | | | | | | | | | | | | | |

Head,
Department Of Chemistry
Sibsagar College, Joysagar.

Dr. Swin
17/07/2020
Co-ordinator
DBT Star College Scheme
Sibsagar College, Joysagar

Dr. Profulla Chandra Kalita
Principal
Sibsagar College, Joysagar