

Criterion IV: Infrastructure and Learning Resources

4.1.1 The Institution has adequate infrastructure and physical facilities for teaching – learning, viz., classrooms, laboratories, computing equipment, etc.

M. Sc. Organic and Physical Research Lab



Department of Chemistry in S. H. College has a well dedicated Organic and physical chemistry Research Lab. Various organic, physical Chemistry

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experiments are conducted using the sophisticated methodology. U.G. and P.G. students are incorporated into experiments conducted for their earlier exposure into research.

Thermostat



Latitude: 9.939549
 Longitude: 76.296079
 Elevation: 12.73m
 Accuracy: 13.9m
 Time: 15-01-2021 11:22
 Note: chemistry organic lab 2 2

A thermostat is a regulating device component which senses the temperature of a physical system and performs actions so that the system's temperature is maintained near a desired setpoint.

Oven



Latitude: 9.939534
Longitude: 76.296057
Elevation: 15.8m
Accuracy: 13.4m
Time: 15-01-2021 11:23
Note: chemistry organic lab 2 4

A hot air oven is a laboratory instrument that uses dry heat to sterilize laboratory equipment and other materials. That equipment cannot be wet or material that will not melt, catch fire, or change form when exposed to high temperatures are sterilized by using the dry heat sterilization method. Hot air oven also known as forced air circulating oven.

Use:- in drying apparatus and chemicals



Latitude: 9.939542
Longitude: 76.295939
Elevation: 4.67m
Accuracy: 15.1m
Time: 15-01-2021 11:23
Note: chemistry organic lab 2.5

ROTARY EVAPORATOR



A rotary evaporator (or rotavap /rotovap) is a device used in chemical laboratories for the efficient and gentle removal of solvents from samples by evaporation.



Latitude: 9.939499
Longitude: 76.295967
Elevation: 6.07m
Accuracy: 11.8m
Time: 15-01-2021 11:24
Note: chemistry organic lab 2 8



Latitude: 9.939546
Longitude: 76.296105
Elevation: 13.87m
Accuracy: 25.0m
Time: 15-01-2021 11:22
Note: chemistry organic lab 2 1