



Government of West Bengal
OFFICE OF THE PRINCIPAL
Chandernagore College

Formerly College Duplex

Strand Road, Chandannagar, Hooghly, West Bengal, India, Pin-712136

Website: www.chandernagorecollege.ac.in Mail: office@chandernagorecollege.ac.in

Mob:91-7439603177, Tel:91-33-26835290

ISO90001:2015, ISO14001:2015 and ISO50001:2018 Certified Institution



Report on the Central Instrumentation Facility

Name of the Infrastructure: Central Instrumentation Facility

Established on: September, 2019

Location: Department of Zoology, 5th Floor, Administrative Building, Main Campus

Funded by: RUSA 2.0 Project and DST Boost Project and State Government Fund

Objectives for the Establishment:

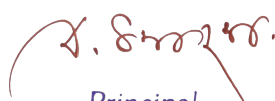
1. Chandernagore College has seven Science Departments, among them three are Bio-Science Department (Botany, Zoology and Environmental Science) and four are Pure Science Departments (Chemistry, Physics, Mathematics and Computer Science). Department of Chemistry caters the all students of bio science and pure science departments. So, this instrumentation facility is mainly established for the students, research scholars and faculty members of the science departments.
2. This central instrumentation facility provides scope for advanced hands on training, advanced practical classes and research work for faculty members to enrich their research aptitude.
3. More over the major objectives of this centre is to train the students of Bio-science departments and chemistry Department.

Infrastructures within the Central Instrumentation Facility: The Central Instrumentation Centre has the basic and advanced infrastructures for performing/conducting Hands-on programmes, Workshops on biological sciences; Student Training programmes/Practical's and advanced Research Works. In addition to the instruments present within the centre various glass apparatus and required chemicals are also available for performing scientific experiments. Head of the Departments of Botany, Zoology and Chemistry are in charge of the Instrumentation Centre under the purview of Head of the Institute.

Basic and Advanced Scientific Instruments present in the centre:

1. Binocular Research Microscopes
2. Confocal microscope
3. Unilocular Student Microscopes
4. BOD incubator
5. pH meter
6. Magnetic stirrer
7. Refrigerated Centrifuge
8. Water Distillation Plant
9. Incubator




Principal
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10. Cyclometer

11. Electrophoresis apparatus

12. Transilluminator

Photographs of the Instruments present in the Central Instrumentation Facility:



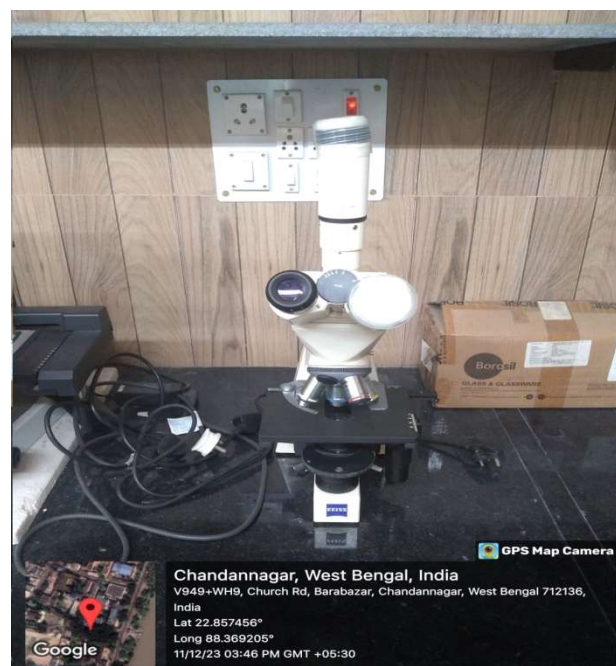
A. Binocular Microscope



B. Confocal Microscope



C. Sterio Microscope



D. Binocular Microscope

S. Sanyal
Principal
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E. BOD Incubator



F. Incubator



G. Refrigerated Centrifuge



H. Transilluminator



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I. Cyclo Mixer

J. Power Pack for Gel apparatus



K. Electroforesis Powerpack

L. Magnetic Stirrer

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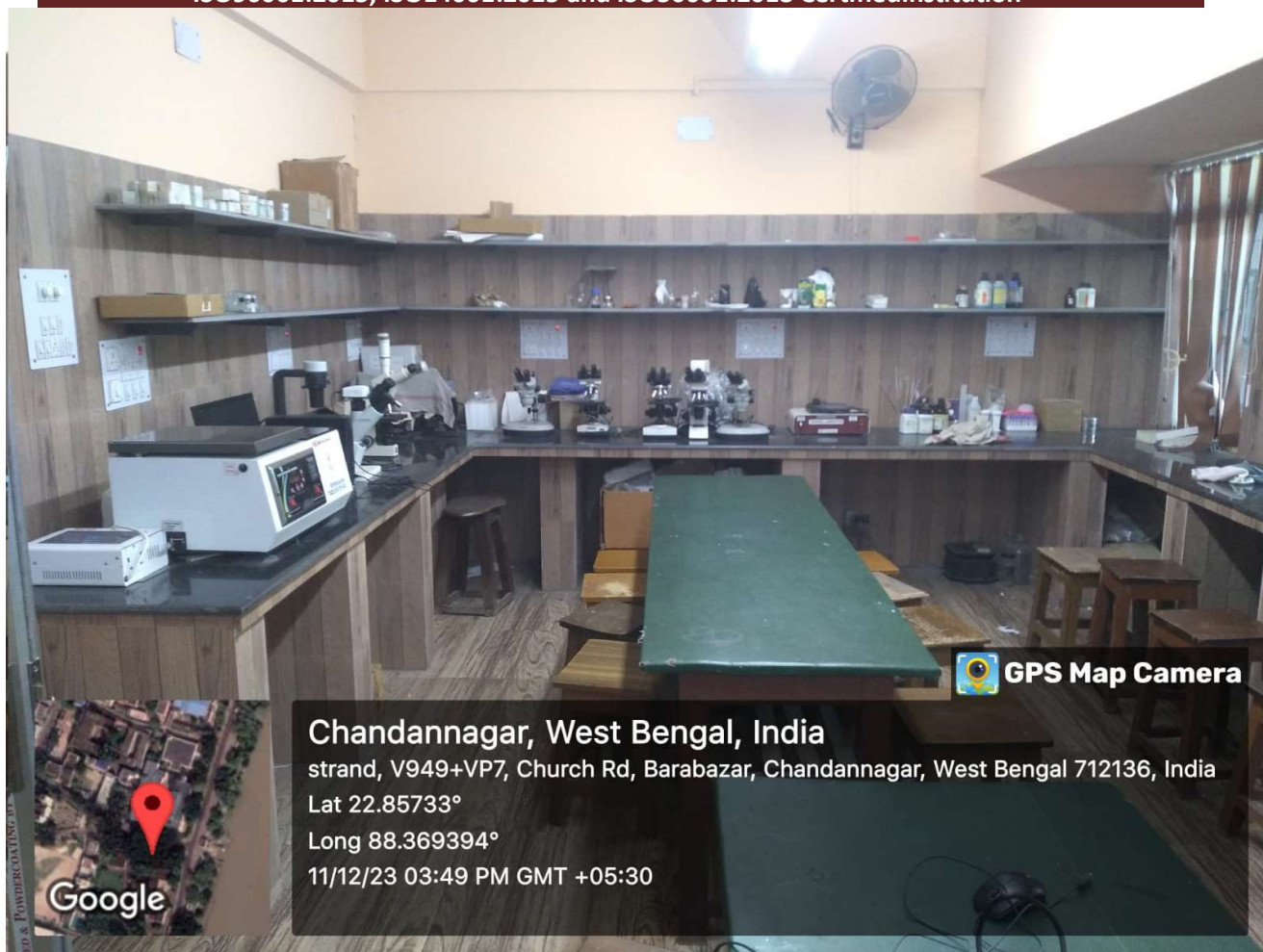
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M. Central Instrumentation Facility

S. Sengupta

Principal
Chandernagore College



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