



Bangabasi College (Estd. 1887)
Affiliated to the University of Calcutta
Applying for 3rd Cycle NAAC re-accreditation
ISO 9001:2015 certified



19, Rajkumar Chakraborty Sarani, Kolkata 700009
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Ref. No.

Date:

Criterion 7 – Institutional Values and Best Practices

Distinctiveness of the College

Historical Legacy:

Bangabasi College is a heritage academic institution that was founded in 1887 during the colonial period by Acharya Girish Chandra Bose under the guiding inspiration of academic genius, erudite scholar and social reformer of Bengal, pundit Ishwar Chandra Vidyasagar. The institution played a commendable role during the Freedom Movement. We feel extremely proud that many of our national heroes like Jatin Das, who was arrested in connection with the Lahore Conspiracy Case and who died a martyr after observing a hunger strike for 63 days in Lahore Jail in protest against the inhuman treatment meted out to the undertrial political prisoners was only a BA student of this college at that time. The library of the college is named Jatin Das Memorial Hall after this freedom fighter. The objective of the college was to impart higher education to the socio-economically weaker sections of the society. In the course of its journey, the institution has witnessed a galaxy of talents who enriched the socio-political and cultural life of the country through their invaluable contribution to the fields of arts, science, law, literature, and statecraft. Notable amongst them are reputed scientist Dr. AP Mitra, Swami Lokeshwaranandaji, renowned musicians like Pankaj Kumar Mallick and Salil Chowdhury, reputed Bengali film actors Jahar Ganguly and Shyam Laha, former Honourable Chief Justice of India, Pabitra Sarkar, noted academicians are few who left indelible impression in the minds of the people.

Since then this illustrious institution of national importance has been striving towards excellence and the realization of goals for the promotion of students in their academic endeavors and the development of their inner soul as good human beings who can deliver the best services as responsible citizens in society. In

the post-independence period, the college attained its zenith in terms of its academic achievements. During the late forties and fifties, the college produced many toppers in intermediate examinations. A degree course in Bioscience started from 1947-1948 onwards. The college, again, fared exceedingly well at the graduation level, producing many scholars of national and international repute. The GC Bose Biological Research Unit, a unique research laboratory, was set up in the college where several teachers of Bangabasi College completed their PhD works. The college became co-educational by 1979 and opened its first MSc Course in Zoology in the year 2005.

Realization of Sustainable Development Goals in everyday life.

The institution has not only a glorious past but also an illuminating present. Continuous efforts towards learning and critical thinking are being encouraged through seminars and workshops throughout the year. The institution has firmly emphasized the need to develop itself responsibly and in a sustainable development way. Its distinctiveness lies in its emphasis on the **Sustainable Development Goals** as advanced by the **United Nations** in the **2030 Agenda**. It firmly realizes the importance of the impact of all three dimensions of environmental, economic, and social on human lives.

Environmental Outputs

- Keeping the objective of sustainability in mind it has initiated setting up a **Green Campus** which nurtures the planting of trees, the setting up of the medicinal garden, and cultivating mushrooms.
- Important dates such as **Aranya Saptaha** (week-long Plantation Drive) are observed by distributing young saplings amongst students and teachers.
- The college has taken the initiative to set up a **Medicinal Plant garden** including the setting up of a **Vertical Garden**.

One of the most **innovative** works the college has undertaken is its initiative to install Solar Panels on the rooftop of the 4-storeyed college main building whose capacity of power generation is 10KVA. Inverter: One is connected to the grid meter of the electric supply line of CESC. This not only saves electric consumption but also encourages to use of renewable energy for future benefit.

The data obtained from the solar meter gives the following information and data daily CO₂ emission rate, daily plantation saved, and daily coal content i.e. carbon degradation. These data can be used for research purposes to analyse carbon reduction in the local atmosphere. It gives a glimpse of the scenario of stepping up to make an eco-friendly environment. Moreover, the college has done energy audits, green audits, and environmental audits.

- The college received a golden opportunity to organize a Two Day **International Conference on Renewable Energy** and its Impact on making a Clean and Green India in collaboration with the Indian Council of Social Science Research, New Delhi to commemorate the event of **Azadi Ka Amrit Mahotsav**.
- The college organized a One Day **International Conference on Non-Conventional Renewable Energy: impact on Environment** in collaboration with Ramakrishna Mission Residential College, Acharya Jagadish Chandra College, Ananda Mohan College, and City College of Commerce and Business Administration.

The objective of these seminars is to uphold serious academic discussions and disseminate scientific knowledge for the betterment of society.

Economic Outputs: Women's Empowerment and Capacity Building

The college believes in a holistic conception of education which is inextricably related to not only academic scholarship but also enabling oneself as economically self-sufficient. With this objective in mind, the college has initiated **Skill Development Courses** in different fields such as

- Recitation and anchoring,
- Basic Computer Courses,
- Tally, etc.
- These courses especially enhance the students to increase their capabilities and prepare themselves for jobs in the market. The college realizes that in the age of globalization, the students need to be capable of fighting against multiple challenges they face from the state and society. The markets have advanced huge challenges and to get jobs in the market the college provides them with this platform to develop their potential. The college has signed various MoUs to optimize support in building capacity and gaining confidence. The exchange programs have provided various exposures to students

The college is vigilant about women's rights and entitlements. Women constitute almost 50% of the total population. Therefore opportunity to education and

financial independence alone can liberate them from the shackles of obstacles they face in everyday lives. It is with this objective in mind the college organizes seminars throughout the year. Special emphasis is given to the **Gender Sensitization Programmes**. Eminent personalities are invited to deliver their lectures. The **West Bengal Commission for Women** has been invited to deliver lectures provide important guidelines and suggestions on the present situation and emphasize the remedies that will help to actualize their rights.

Social outputs:

- Bangabasi College places a lot of importance on the health of its students. The students actively participate in **blood donation camps**.
- A gymnasium along with all modern equipment is present within the college campus for both students and faculty.
- Yoga and Meditation have also been introduced and
- Self Defence Courses are available for building the health and confidence of our students. Trained assistants are there to provide guidance and support.
- Providing charity to persons during emergencies in times of flood and cyclone. Our students actively participated during YAAS.

The Uniqueness of the College

- The College encourages students to take up ICT-based courses and join an Entrepreneurship program.
- The college has taken a unique initiative in setting up **solar panels** on the rooftop of the main campus of Bangabasi College. This is a commendable effort on the part of the college to initiate an alternative source of renewable energy.
- The College organizes summer internships on various courses like programs on Solar Energy. The data obtained from the solar system is profusely utilised in research work.
- The Bangabasi College upholds the tradition of oral transmission as well as field visits for the practical transmission of information from one generation to the next to ensure its continuity. Under the aegis of this centre, a Museum has been built by the Department of Anthropology, Zoology & Botany in our college premises to preserve the historical information, documentation of our College and its role in the independence movement of India.

- The unique initiative is taken by the college to **impart skills** to students in preparing soaps, detergents, Phenyl, Dettol, Shaving Cream, Shampoo, Washing Powder, and Hand Sanitizer. The main objective of this course is to train students interested in careers in small-scale manufacturing some domestic products. Students will get placement in chemical and pharmaceutical industries, as manufacturing assistants in cosmetic industries research trainees in R&D of various industries.
- Students are trained for sustainable entrepreneurship.
- Instrumentation facility: The College has taken the initiative to provide a centralised instrumentation facility to provide advanced research facilities for the faculty members, research scholars, and UG, PG students.

PICTURES AT A GLANCE

Name of the Facility: 10 KVA Solar Panel

Location: Rooftop, Main Campus, Bangabasi College

Service: Provides maximum 10KV electricity supply during daytime

Benefits: Reduces electricity expenditure

Some Geo-tagged photographs of the Solar Panel and its Meter



Solar Panels on the Rooftop



Department of Anthropology (Museum)





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BC / ANTH (H) - MUSEUM - 04



Maguon man



Human sapiens sapiens



La chapelle aux saints



sapiens neanderthalensis

Tabun



ng Man

Human erectus pekinensis



erectus (Tabun)

Human erectus erectus



opithecus

Human erectus erectus



Java Man



Department of Anthropology (Museum)

Department of Zoology (Museum)



Department of Zoology (Museum)

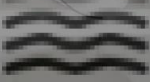


Department of Zoology (Museum)



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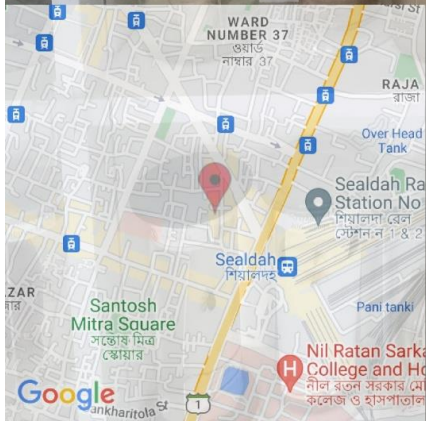
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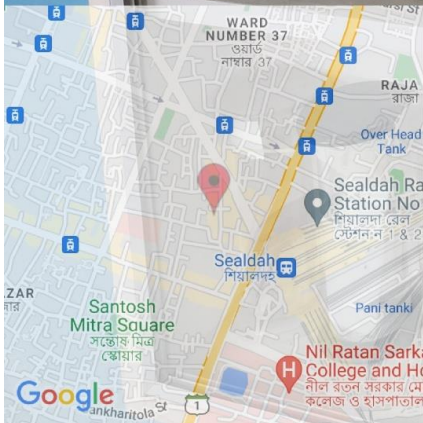
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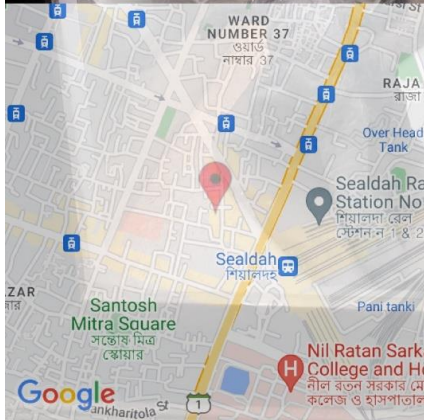
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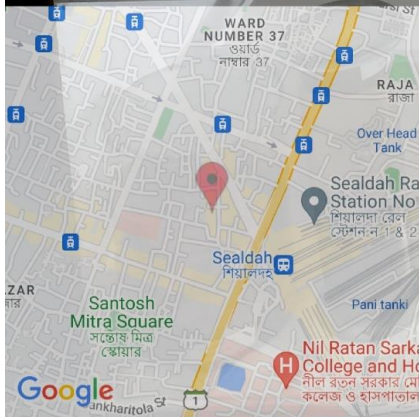
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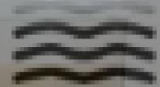
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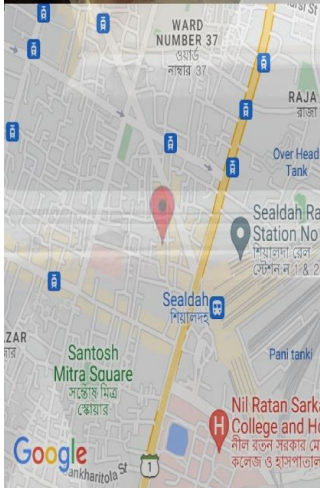
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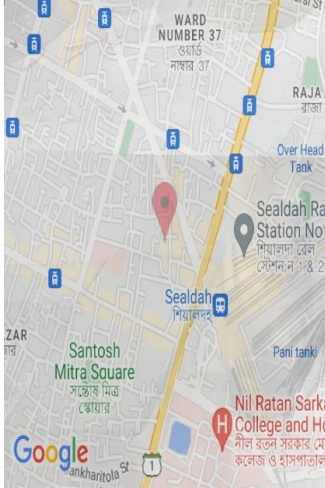
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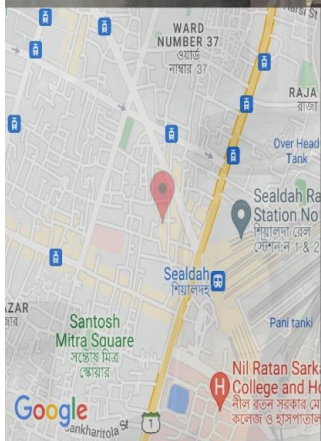
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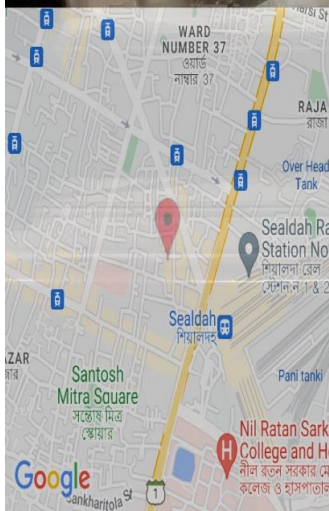
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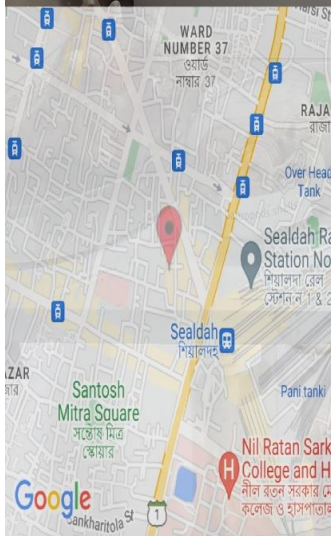
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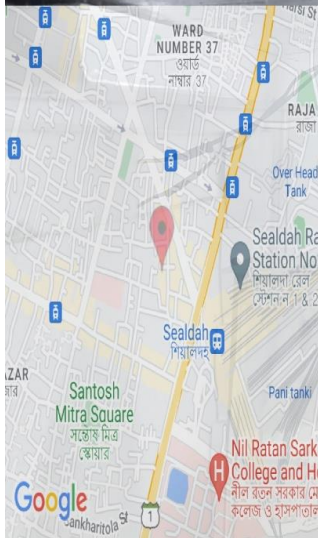
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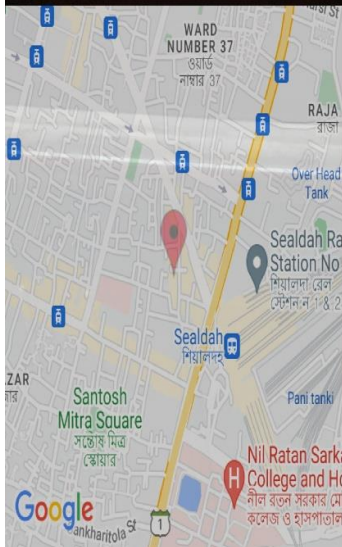


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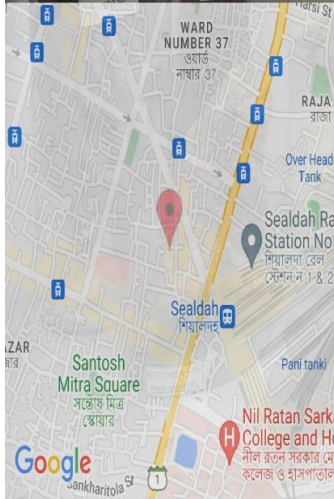
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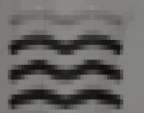
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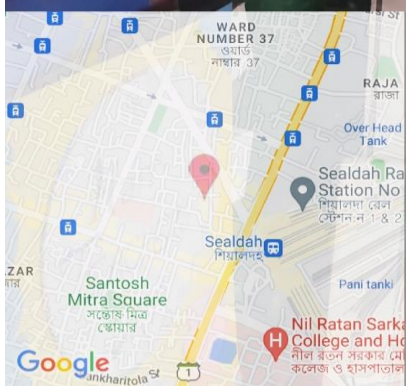
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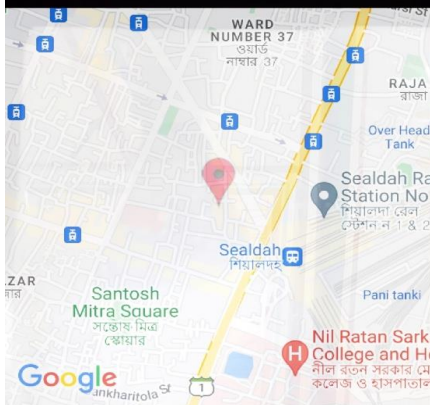
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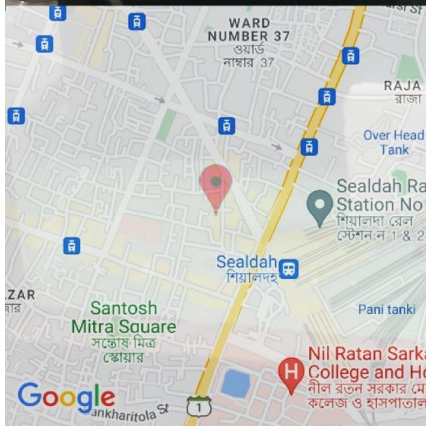
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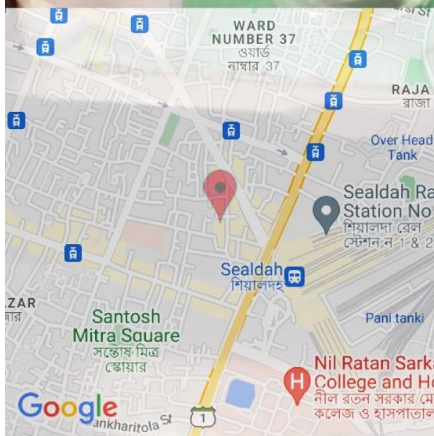
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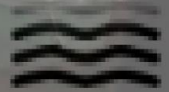


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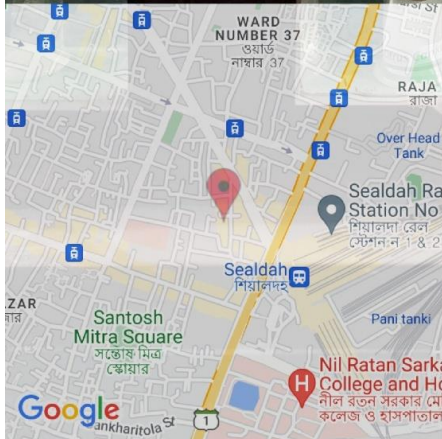
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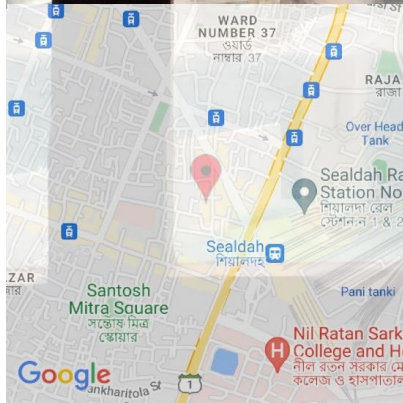


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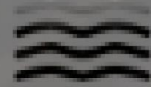
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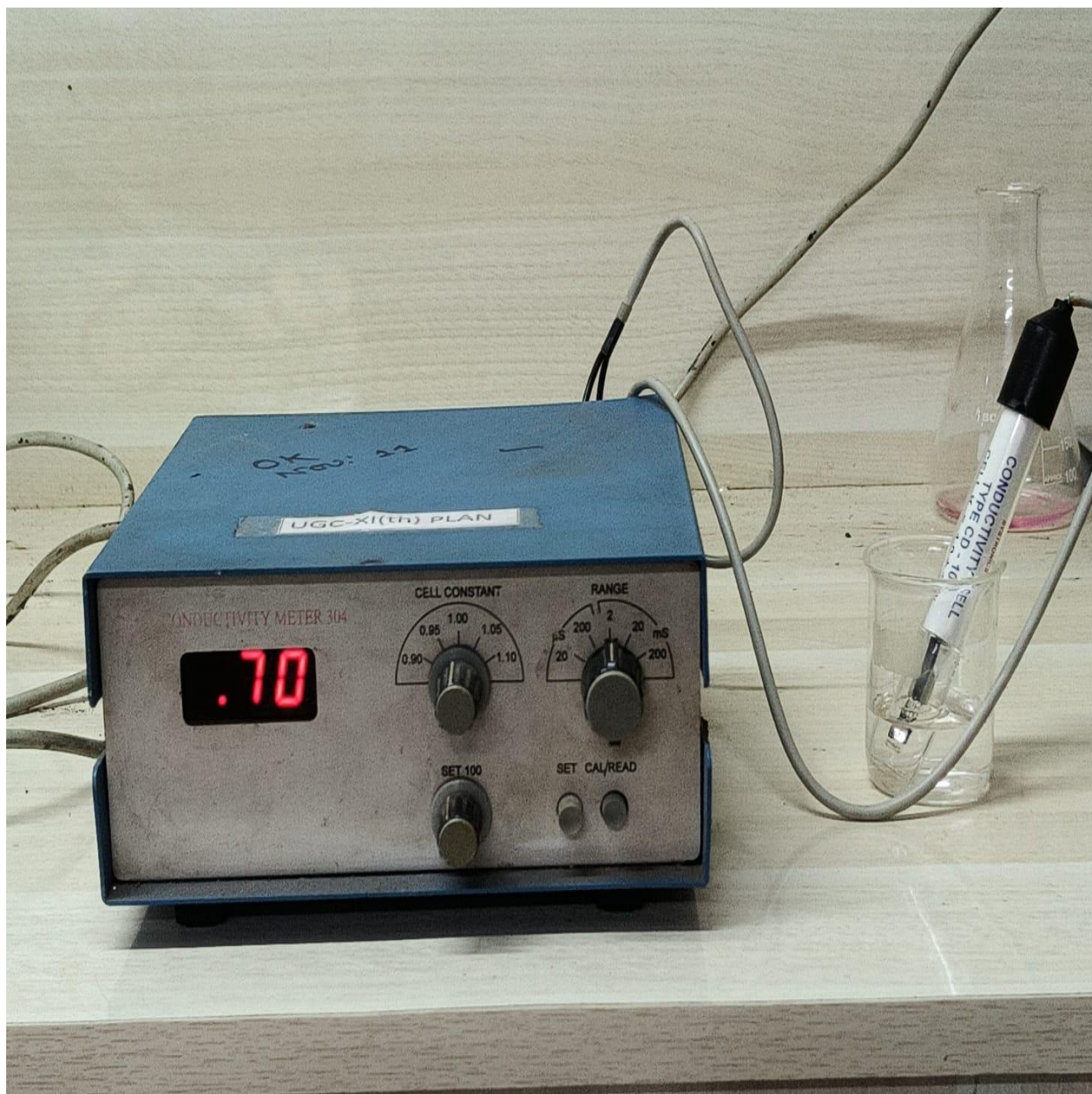
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Department of Botany (Museum)

Figure 3

Instrumentation Centre:

- Central Instrumentation Facility provides advanced research facilities for faculty members, research scholars and UG & PG students.



CONDUCTIVITY METER



POLARI METER



SPECTRO FLUORIMETER (DST-FIST FUND) Used to measure fluorescence spectra



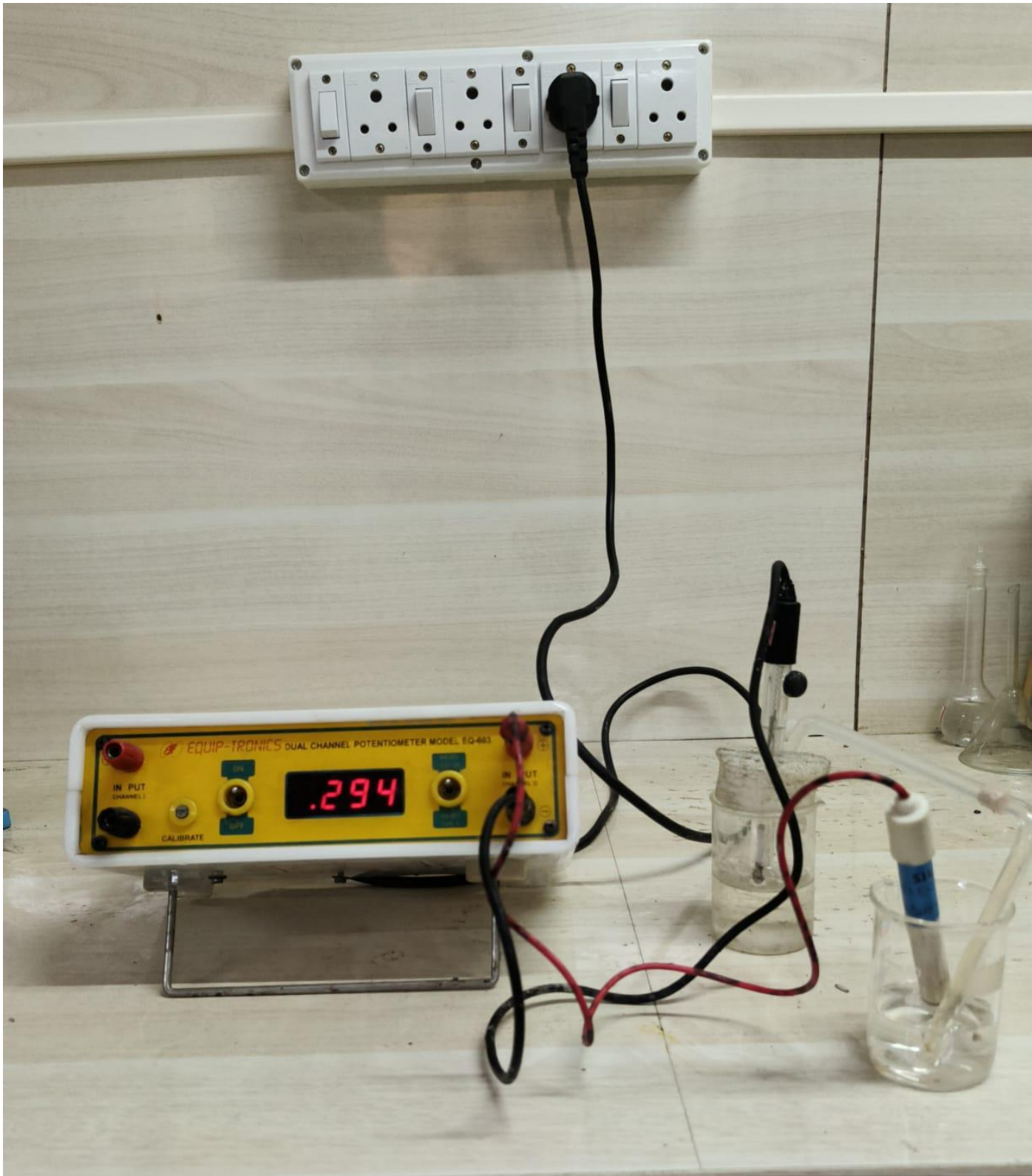
METTLER BALANCE



COLORIMETER




SPECTROPHOTOMETER

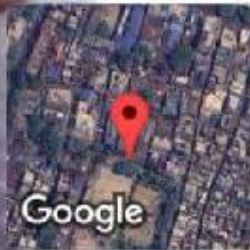


POTENTIOMETER

•Computer Laboratory facility with high speed internet provides students and faculty members to access e-resources smoothly and enrich soft skill on language. The following ICT based Add-on courses (Skill Development) are implemented in this laboratory such as Basic Computer Courses on Office Suite, DTP, Web Designing.



 GPS Map Camera



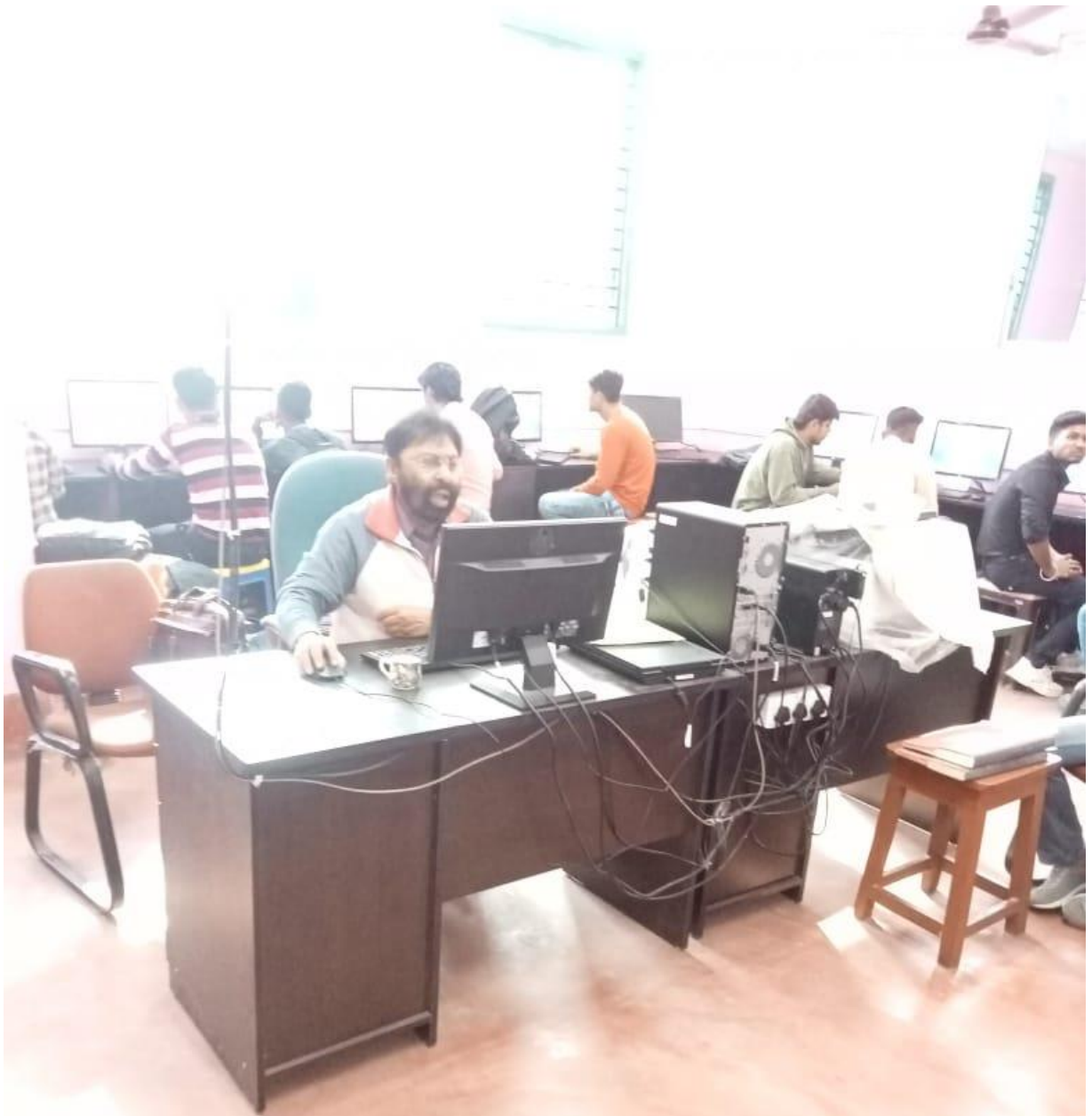
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Long 88.86565°

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