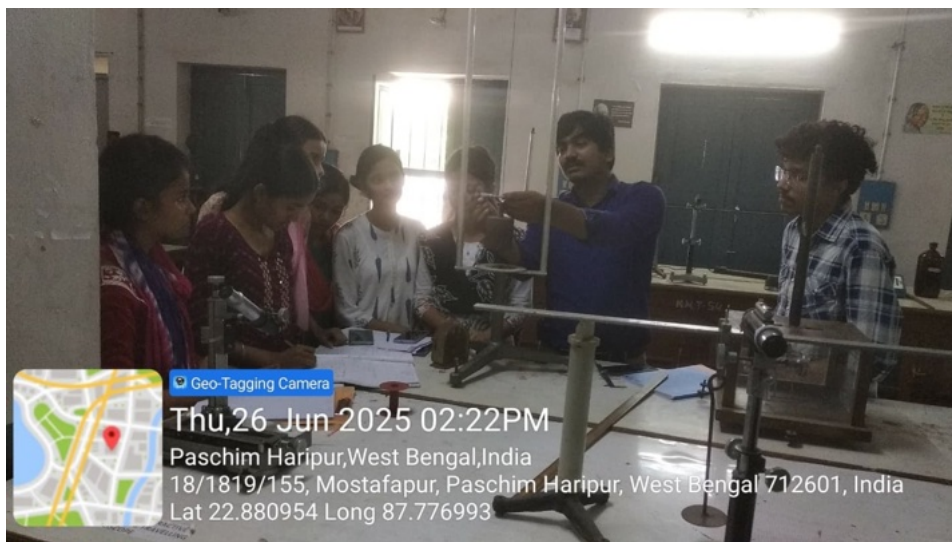


Department of Physics Netaji Mahavidyalaya

Departmental Activities from
July-2024 to June-2025



New Experimental Set ups have come to our Department on 18-june-2025. Thanks to Netaji Mahavidyalaya College authority. The faculties can access the lab manuals. The students have to do the experiment in our college.

- 1. To determine the wavelength and velocity of ultrasonic waves in a liquid (Kerosene Oil, Xylene, etc.) by studying the diffraction through ultrasonic grating. [no lab manual provided]**
- 2. To determine the excitation potential of mercury/Argon by Franck-Hertz experiment. [manual]**
- 3. To measure the resistivity of a semiconductor (Ge) with temperature by four-probe method (room temperature to 150 degree C) and to determine its band gap. [manual]**
- 4. To setup the Millikan oil drop apparatus and determine the charge of an electron. [manual]**

This is our Semester-VI outgoing batch in 2025. Ironically they are the last CBCS batch (2022-2025). The CBCS system was started at the University of Burdwan from July-2017. The NEP is current format we are teaching in our college.



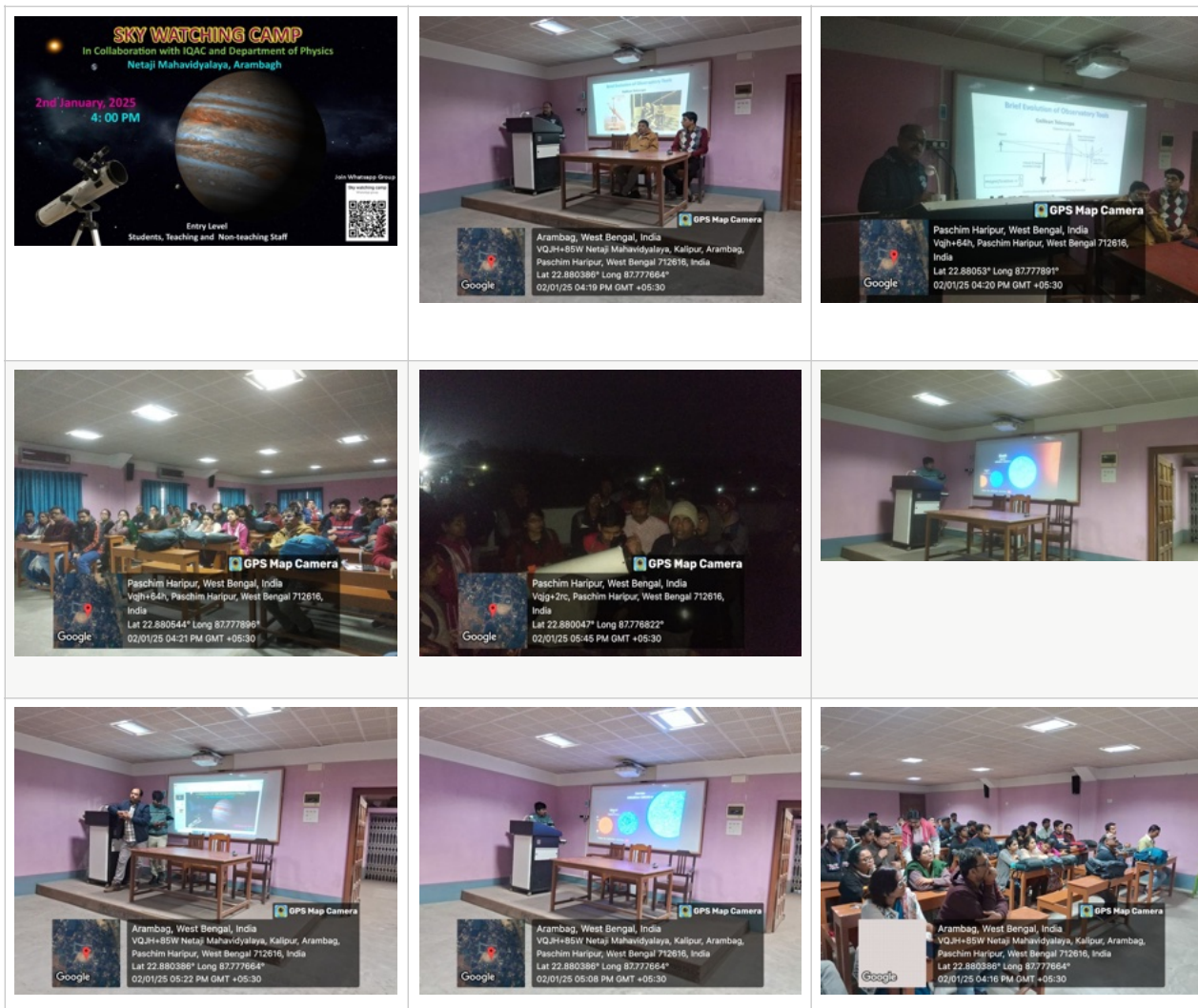
****many thanks to Sukanya Pal, who shared the picture.**

As a part of mentor-mentee initiative from the Department of Physics, Dr. Somenath Jalal has motivated students to use googlesite platform to update their daily academic work. here is the link

<https://sites.google.com/view/physicslaboratorynmv?usp=sharing&pli=1>

This is created by our own students (Souparna and Kingshuk are leading the project)

"Sky Watching Camp"
organised by SKY WATCHING SUBCOMMITTEE in collaboration with
Department of Physics & IQAC, Netaji Mahavidyalaya
List of registered participants



Physics Department has organized an Add-On course on Latex. (Title of the course is "LaTeX-Beamer-MathType for Technical Writing & Presentation"). Click here for all updates related to the add-on course.

<https://sites.google.com/view/physics-netajimahavidyalaya/2024-2025-add-on-latex?authuser=1>

 L^AT_EX-Beamer-MathType for Technical Writing & Presentation  Add-on course cum Hands-on-Training organized by Department of Physics, Netaji Mahavidyalaya	
Duration: 16/12/2024 to 10/02/2025 About the course: Acquire the skill of high-quality typesetting for technical writing, publication of research papers, theses and book chapters with table of contents, formula, indexing, bibliography etc along with beautiful presentations skill.	<i>QR link for registration</i> 
Course Convenor: Dr. Binay Malakar (HoD) Course Coordinator: Dr. Somenath Jalal	Course Instructor(s)/Resource persons: Dr. Satyaki Kar (Asst. Prof. Physics Dept., AKPCM, Bengai) Dr. Avijit Duary (Asst. Prof. Dept. of Applied Mathematics, MAKAUT) Dr. Chayan Kanchan Karmakar (Asst. Prof. Physics Dept, NMV) Dr. Somenath Jalal (Asst. Prof. Physics Dept, NMV)
This poster is prepared by LaTeX Beamer Department of Physics, Netaji Mahavidyalaya	

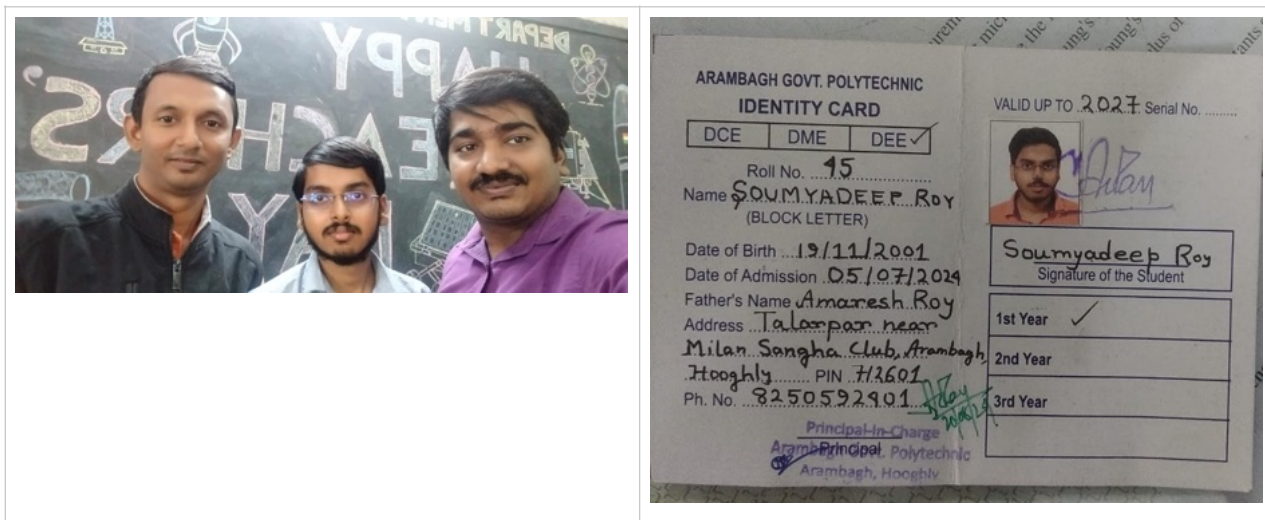
Surprise Class test for Semester 5 Students:

This is part of Continuous Evaluation Methods adopted in the Department of Physics
Here are some pictures:

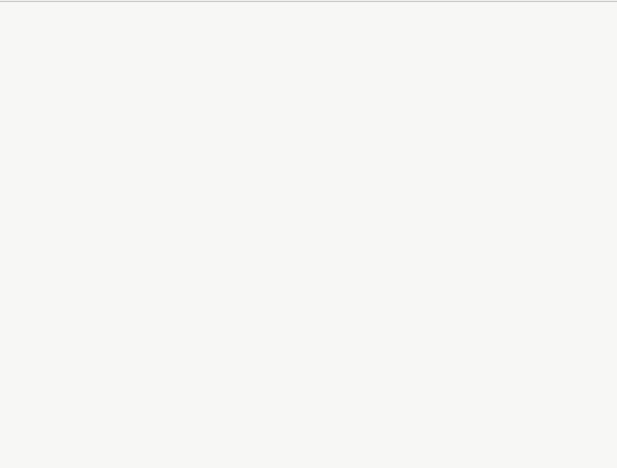


On 23-11-2024, one of our alumni student came to visit the department today. He is Soumyadeep Roy (Physics General Batch-2021-24). Now he is studying in Arambagh Govt. Polytechnic.

Here are some pictures.



On 19th and 20th November, we had **NAAC PEER TEAM** visit to our college. On 20th Nov, 2024 morning the peer team visited the department. We shall give more details about the program later, with more pictures and short videos.



Today 14 Nov, 2024, we the faculties of Department of Physics, along with some 1st semester students, cleaned and restored the one and only reflecting telescope of our department under the guidance of head of the department Dr. Binay Malakar. He told us how to handle the telescope and did some basic set up adjustment. Our next plan is to arrange one night-sky-watching event in near future.



Students' Seminar of Physics Department on 29/10/2024

We have organized a Students' Seminar on 29th October, 2024. At first the program was scheduled on 24th October. But due to Cyclone "DANA", for which the college (in fact all educational institution in WB) was closed from 23-26 October, 2024, we re-scheduled it on 29th.

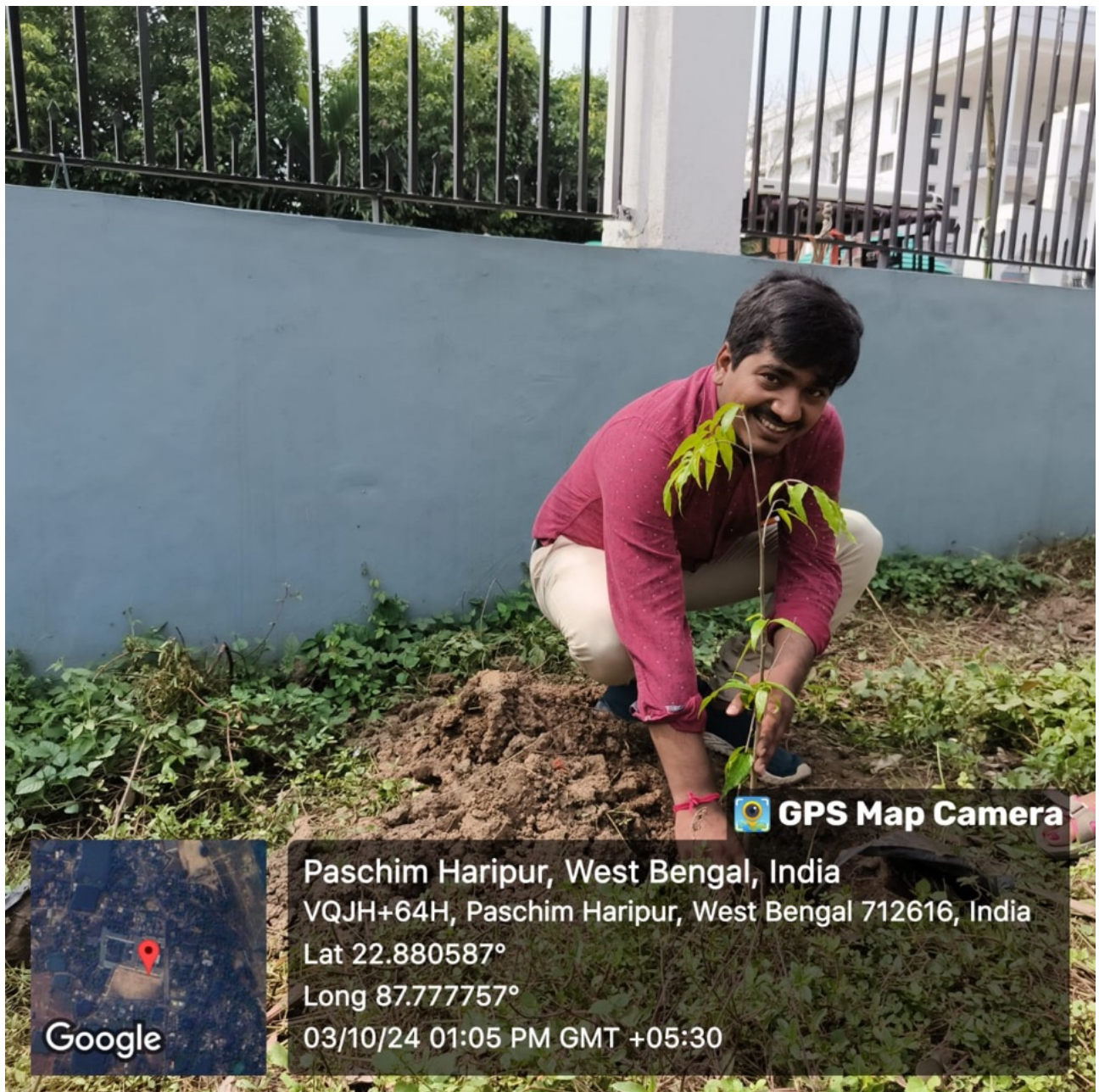
[Here is the notice for the presentation for Semester 5 Students.]

Some pictures from the Students Seminar.



Here are the talk files of the presentations. **We have shared it with the sem 5 students only.** If you want a copy of this presentation, talk to us in the department or write to us. [Click here to see the beautiful presentations]

On 04-October, 2024: Tree Plantation Program in College and active participation from Faculty and students. (Some candid moments caught on camera)



Today (03-October, 2024) we are very happy to see our own students Ankan Bag. He is pass out student of first CBCS batch (2017-2020). Currently Ankan is a PhD student at IACS Kolkata. His PhD joining date- 01/01/2024. Ankan is working with Prof. Mintu Mandal at IACS. (<https://sites.google.com/view/iacslab81/group-members>)



Parent Teachers Meeting 2024

Notice

Date: 19/09/2024

Subject: Parent Teacher Meeting on 23/09/2024 in the Department of Physics

Dear Parents,

This is to inform you that Department of Physics, Netaji Mahavidyalaya, Arambagh, Hooghly is going to arrange a “**Parent-Teacher Meeting**” on 23rd September, 2024 at 12:30 pm. We request you to come positively to our department on that day. Parents are also requested to come with some relevant questionnaire for the meeting, regarding the department as well as the teachers of the department.

This is for your information and necessary action.

Thanking you.

Dr. Binay Malakar

Associate Professor & Head of the Department

Department of Physics

Netaji Mahavidyalaya, Arambagh, Hooghly



Today (29th August, 2024) we went to Sri Ramkrishna Sarada Vidya Mahapitha (also known as Kamarpukur College) for a quiz competition organized by IQAC of that college. They organised this program with those institutions with whom they have signed Memorandum of Understanding (MoU). It was a privilege to represent the college in this program, and, luckily two students from Physics department was selected to attend this Quiz Competition.

Dr. Mousumi Ghosh, Principal of Sri Ramkrishna Sarada Vidya Mahapitha, presented the certificate to the students. The Quiz master, Sri Samaresh Bandopadhyay, managed the program with great enthusiasm.

We just missed the third position and got a participation certificate only. But it was a lesson to learn for all of us. We enjoyed the one day visit there. Dr. Somenath Jalal visited the Physics Department, Sri Ramkrishna Sarada Vidya Mahapitha and talked to the faculties there for any future collaborations with our Netaji Mahavidyalaya.

Here are some pictures.

