

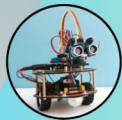


ASUTOSH COLLEGE

92, S.P.MUKHERJEE ROAD, KOLKATA - 26

**ONE-DAY WORKSHOP
ON**

**INNOVATIVE PROJECTS
USING**



ARDUINO

Organised By

DEPARTMENT OF PHYSICS

in association with

IQAC, ASUTOSH COLLEGE

**12th May, 2023
12 Noon Onwards**

**Venue: Prof. C. R. Basu Memorial Computer Laboratory
(Room No.24), Main Building, Asutosh College.**

Detailed Report

The Department of Physics, Asutosh College has organized a departmental workshop on “**Innovative Projects using Arduino**” on 12/05/2023. The required data are presented below:

Name of the Dept. - Physics

Date & Day – 12/05/2023, Friday.

Name of the seminar/webinar/workshop – Workshop on Innovative Projects using Arduino.

The organising committee -

- 1) Dr. Amit Kumar Bhattacharjee (Convener),
 - 2) Dr. Surjya Sarathi Bhattacharyya & Dr. Manorama Chatterjee (Joint convener),
 - 3) Dr. Parikshit Dutta (Event Organizer),
 - 4) Dr. Aditi Das (Joint Event Organizer),
 - 5) Participants - Students of Semester 4 Honours.
 - 6) Interview Panel – (a) Prof. Sourav Kumar Bhowmik, Assistant Professor, Department of Electronics, (b) all other faculty members of Department of Physics.
 - 7) Judge – Prof. Sourav Kumar Bhowmik (Assistant Professor, Department of Electronics).
 - 8) Mr. Somnath Das, I.T. (Flyer Preparation),
- YouTube Link - No. It's an offline initiative.

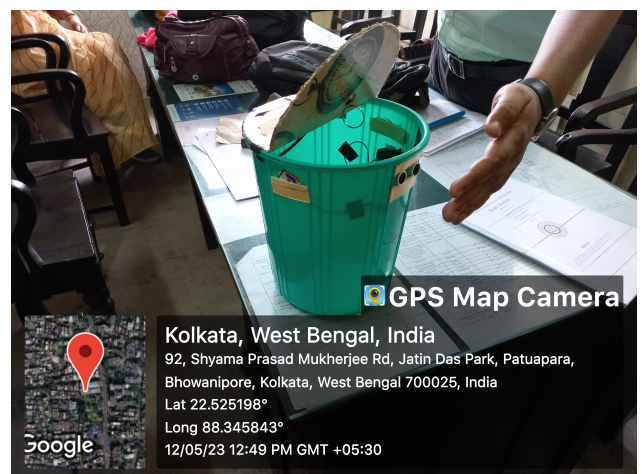
Brief summary of the initiative:

The workshop was inaugurated in the presence of our Honourable guests Prof. Sourav Kumar Bhowmik, Dr. Manas Kabi (Principal), Prof. Apurba Roy (Vice Principal), Prof. Rina Kar Dutta (Teachers Council Member), Prof. Tapti De (Academic sub-committee Member), Sri. Bhaskar Mridha (GB Member) and Dr. Sriparna Datta Roy (IQAC coordinator), alongwith the faculty members of the Department and **39** student participants of the 4th Semester Honours. All invited guests interacted with the student participants to learn about their Project and their varied application outside the domain of the subject. With the help of a Desktop PC/Laptop and Arduino uno board, students demonstrated various projects ranging from “Smart Dustbin” to LED adder and various other innovative projects. Details can be found in the attached Participation and Score card.

The students then faced a viva-voce by Prof. Bhowmik & other faculty members of the Department. Depending on the overall performance these students earned the rank:

1st. Soham Bodhak, 2nd. Manmeet Buddhadeb Sarkar, Arijit Das & Debasmita Roy, 3rd. Nupur Sarkar.

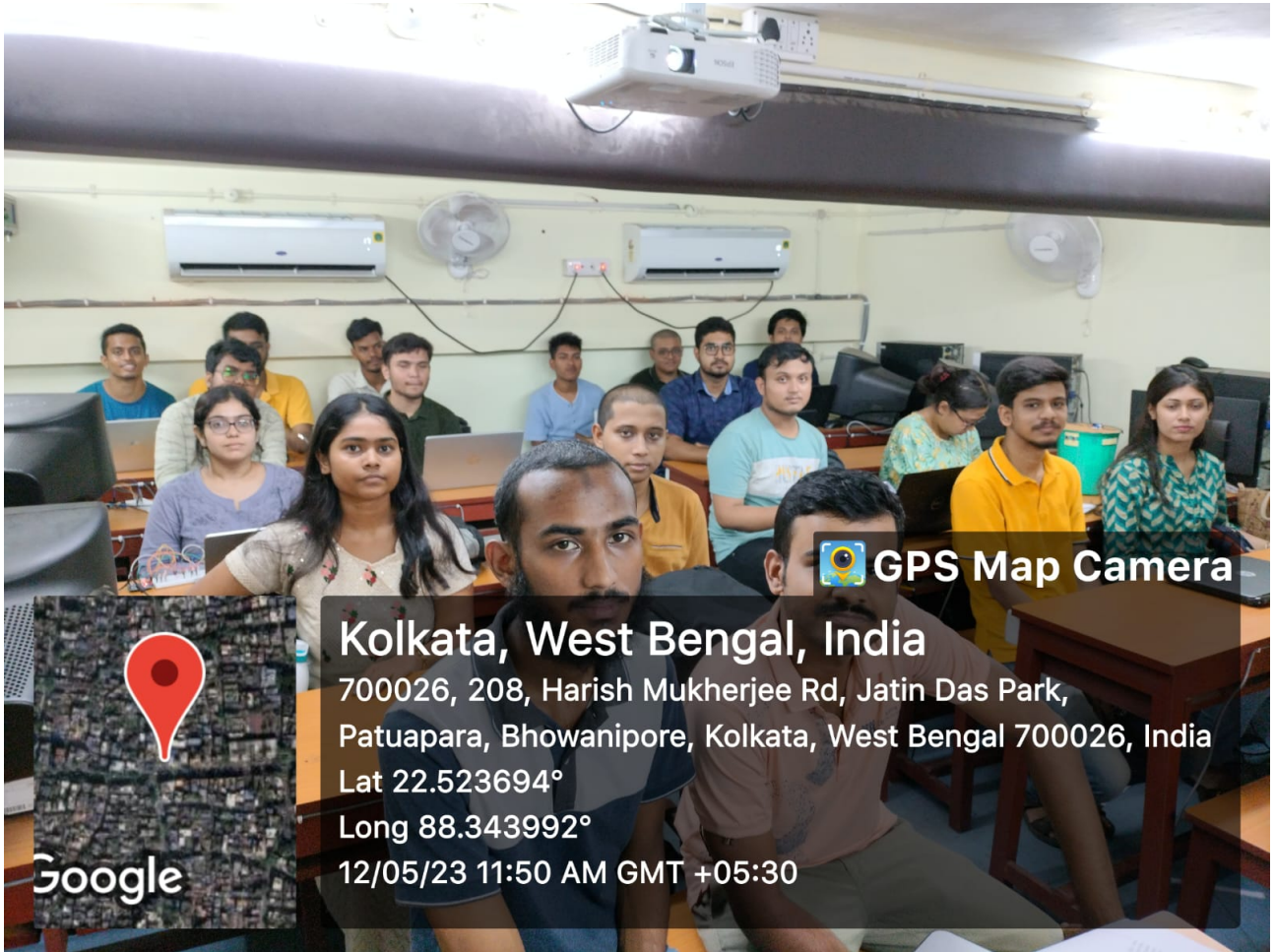
A few memories are attached.



A Smart dustbin that opens when sensed in presence of a hand!

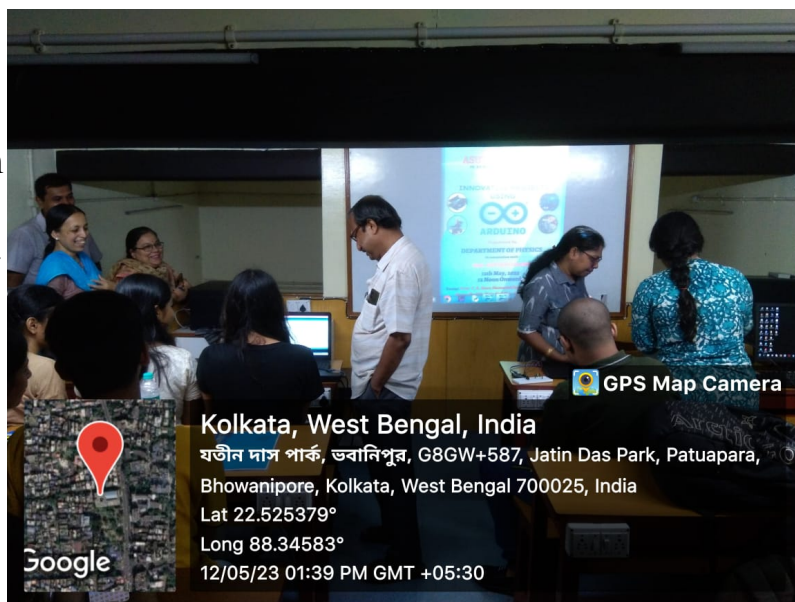
Demonstration to Academic Sub-committee members Prof. Tapti Dey & Prof. Kunal Sinha





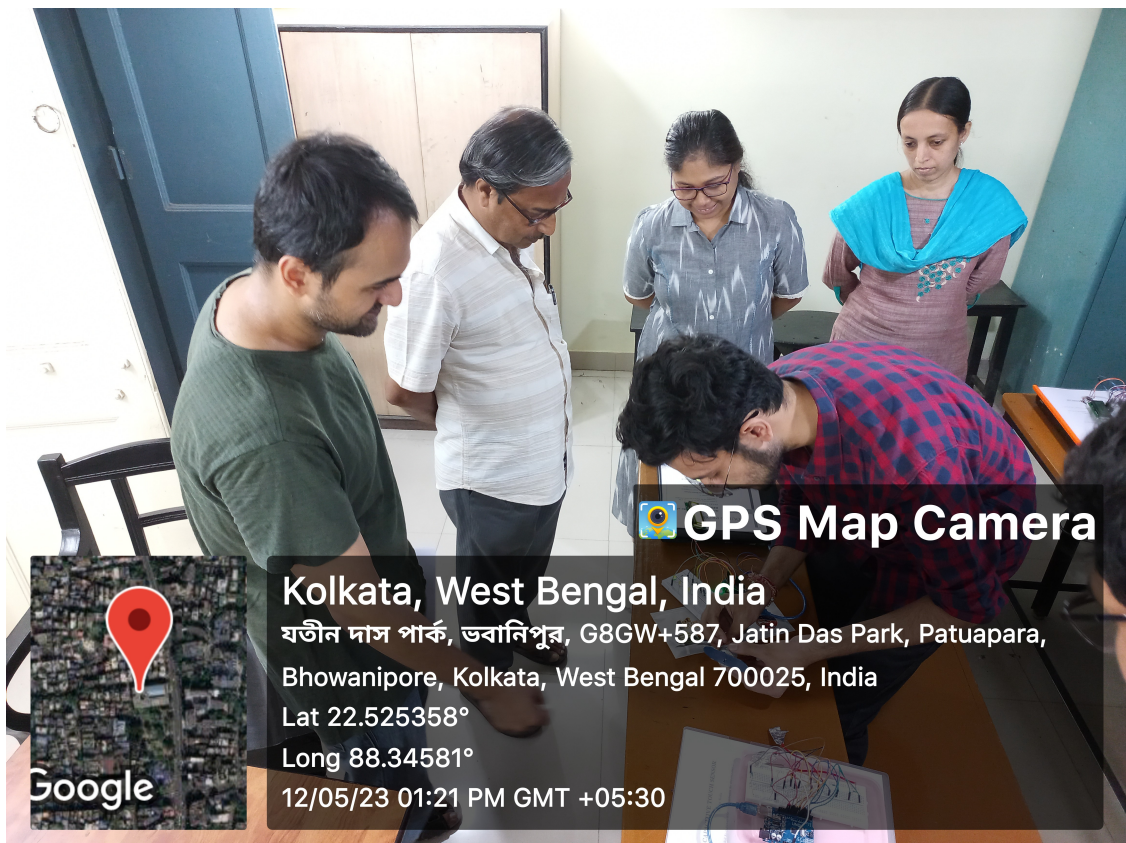
Students before initiation of the event

Interaction with
IQAC
Coordinator Dr.
Sriparna Datta
Roy & Vice
Principal Prof.
Apurba Roy.





Student Viva-voce with Demonstration to Hon'ble GB Member Prof. Bhaskar Mridha



A few more memorable moments of the day :

