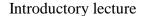# Report on One-day workshop on Arduino organized by the department of Physics in collaboration with IQAC on 10.12.2024

A One-day workshop on Arduino was successfully conducted by the department of Physics in collaboration with IQAC on 10th December 2024 from 11.00 a.m. to 4.30 p.m. The objective of this event was to introduce the students with the circuit design environment with the help of Arduino and to provide them the idea about how this programmable device enables the interplay between several external hardware devices with software programs, through lectures and hands-on training.

This event was a faculty and student exchange programme where 17 students and 2 faculties actively participated from different educational institutions (from colleges under MoU i.e, Dinabandhu Andrews College and Rammohan College).

After the completion of the inaugural session, a presentation introducing the basic ideas of electronics and Arduino was delivered by the resource person of this event, Mr. Kaushik Sarkar, the Assistant Professor of Narula Institute of Technology motivating and enriching the students with the knowledge of software programming and circuit designing of Arduino alongside its application in daily life. After that, an interactive session was there which provided an opportunity for students to clear their doubts and exchange their ideas with the speaker. This lecture session was followed by demonstrations and hands-on training on Arduino by the honorable resource person who enriched the students with his knowledge and expertise in this field. This event was an informative training experience for the participated students who would be very much benefited with the knowledge and information gathered from this workshop for their undertaken SEC course.

| Introductory lecture | Hands on training session | Group Photo |