

The background of the poster is decorated with a variety of science-related icons. In the top left, there are blue gears. Next to them is a diagram of an atom with a yellow nucleus and blue and red electrons. To the right is a laboratory setup with a flask containing blue liquid and a rack of three test tubes containing orange, purple, and blue liquids. Further right is a blue horseshoe magnet and a red and yellow DNA double helix. In the top right corner is a blue telescope. On the left side, there is a yellow calculator and a molecular structure with red spheres and blue bonds. Below the calculator is a red and blue horseshoe magnet. In the bottom left corner is a blue satellite dish. On the right side, there are more blue gears, a red and yellow rocket ship, a laptop displaying a red line graph, and a blue folder with a yellow label.

# Annual Students' Seminar 2022

Department of Physics



After the pandemic and year long lockdown , Department of Physics again tried to return back to its old tradition, the Annual Students' Seminar. This event was held on 25th April, 2022, in association with the IQAC of the college in the Seminar Room. Students from all the semesters participated in the annual event.

Ten students delivered lectures in various topics of Physics. Dr. Amitava Sil , Head of the department delivered the Welcome address. The Inaugural Speech was delivered by Prof. Debashish Mandal , Teacher-in-charge of SPCMC.

Dr. Mrinal Chakraborty, retired Associate Professor of Physics and our former T.I.C, and Dr. Ruma Sengupta, retired Associate Professor of Physics, St. Paul's Cathedral Mission College were present as our respected judges . Ayan Raj of Semester 2 was awarded the first prize.



$$E=mc^2$$



The lectures presented by our students covered a wide range of areas. The topics are as follows:

- Panchal Chakraborty (Sem-4): Radar Technology and its application for Indian Defence system
- Koushik Das (Sem-4): Our Very First Invention
- Subhajit Kumar Paul (Sem-2): Moment of Inertia
- Janhabhi Mandal (Sem-4): Higgs Boson
- Ayan Raj (Sem-2): Shape Memory Alloy (Nitinol)
- Akash Ghosh (Sem-6): Aamra Abossoi Bhoot Dekhbo
- Prithu Mukhopadhyay (Sem-2): Black Hole
- Amritendu Banerjee (Sem-2): Nature of time and Proposed Conservation
- Rajdeep Saha (Sem-6): Mind Science and Metaphysics
- Tamal Karmakar (Sem-6): Recreating Realities with Artificial Intelligence



