

PROGRAM OUTCOME
Department of Physics
Session: July, 2021 – June, 2022

Title of the Programme: National Science Day Celebration 2022 (NSDC-2022)

Date of Programme:

- 1) On 28th February 2022, a visit was organized (One-Day program) to Indian Association for the Cultivation of Science (IACS), Jadavpur, Kolkata.
- 2) A Webinar was organized jointly with Department of Physics, Bhatler College, Dantan, PaschimMedinipur, West Bengal on 6th March 2022.

Introduction: To organize visit to National Institute and arrange program for the students and faculty members on the occasion pertaining to National Science Day on 28th February 2022.

In 1986, the National Council for Science and Technology Communication (NCSTC) took the initiative and suggested to the Government of India to observe February 28 as National Science Day (NSD). NSD is celebrated in India on 28th February every year and its significance is to commemorate the discovery of **Raman effect** (Sir C. V. Raman was awarded the Nobel Prize in Physics in 1930). The first NSD was celebrated on February 28, 1987. NSD is observed all over India by Schools, Colleges, Academic and Research Institutions and Organizations. The celebration for NSD includes public speeches. Radio, TV, science exhibitions based on themes and concepts, debates, quiz competitions, lectures, science model exhibitions, etc.

Indian Association for the Cultivation of Science (IACS) at Jadavpur, Kolkata was founded by Dr Mahendra Lal Sircar on July 29, 1876. It was in IACS where Professor C V Raman did his research work during 1907 to 1933, made his discovery in the field of light scattering and was awarded the Nobel Prize in 1930.

Brief report on the programmes:

On 28th February 2022, about 21 students (Under-Graduate and Post-Graduate) from Department of Physics, Botany, Zoology and Mathematics of Barasat Government College, Barasat were accompanied by Dr. Abhijit De (Associate Professor, Department of Physics, Barasat Government College, Barasat; visited and participated in the One-Day Program by Indian Association for the Cultivation of Science (IACS), Jadavpur, Kolkata.

On 6th March 2022, a Webinar was organized jointly with Department of Physics, Bhatler College, Dantan, PaschimMedinipur, West Bengal on 6th March 2022. The details of the Webinar are enclosed herewith.

Flyer Link: <https://bgc.ac.in/pdf/webinar/Webinar-on-National-Science-Day-22-banner-2022.pdf>



Webinar on
National Science Day Celebration 2022
(NSDC-2022)

6th March'2022 (Sunday) at 15.45 Hrs.

Organized by

Dept. of Physics, Chemistry and Mathematics, Bhatler College, Dantan, West Bengal, India

in Collaboration with

Dept. of Physics, Barasat Government College, Barasat, North West Bengal, India

Presidential address

Dr. Pabitra K. Mishra,
Principal, Bhatler College, Dantan.

Keynote

Dr Samar C. Ghosh,
Principal, Barasat Government College, Barasat.

Invited speakers

Gravitational Waves - The Reality & The Myth

History of Quantum Mechanics :Genesis of Quantum Mechanics and Quantum Entanglement



Dr Sarbari Guha,
Associate Prof. Dept. of Physics, St. Xavier's College, Kolkata, India.



Prof. Forman,
Uni. of Technology, Heri.

Time:16.00-17.00

Time: 17.15-18.15



Programme schedule

Webinar on National Science Day Celebration (NSDC-2022) 6th March-2022 (15.45-18)

Organized by
Dept. of Physics, Chemistry and Mathematics
Dantan, Paschim Medinipur, W.B.
in Collaboration with
Dept. of Physics, Barasat Government College
Paragnas, W.B., India.

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| 15.45-15.50 | Inauguration |
| 15.50-15.55 | Presidential address |
| 15.55-16.00 | Keynote address |
| 16.00-17.15 | Technical session-I Mentor |
| 16.00-17.00 | Gravitational Waves - The Reality & The Myth |
| 17.15-18-30 | Technical session-II Mentor |
| 17.15- 18.15 | History of Science in India Genesis of Quantum Statistics |

Sarbari Guha is presenting

D-Day : 11th February 2016

- The drama unfolds
- Ecstatic scientists all over the world basked in the announcement that the Laser Interferometer Gravitational Wave Observatory (LIGO) had detected gravitational waves produced by the merger of two black holes more than a billion light years from Earth.

Sarbari Guha
Pothikrit Mondal
ASHJIT DE
53 others

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