

**Rabindra Mahavidyalaya
Champadanga, Hooghly**

Date: 16.02.2024

Notice

The college will celebrate science week from 28th February to 5th March, 2024 on the occasion of National Science Day (28th February). All teachers, staff members and students are cordially invited to attend and actively participate in this programme.

Debasmita Sardar
Convenor
Lab Based Departments
Sub Committee

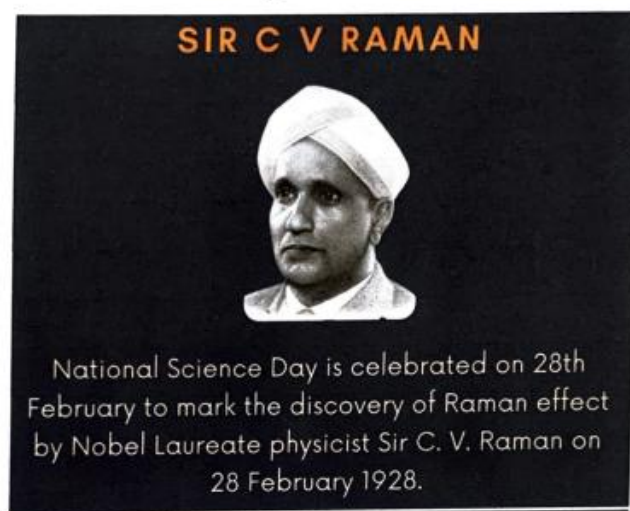

Principal
Principal
Rabindra Mahavidyalaya
Champadanga, Hooghly

Poster of Science Week Celebration

Staff Room
#02/24

Celebration of **Science Week**

28th February - 5th March, 2024



Programme Schedule

Day 1 (28.02.2024-Wednesday)

1. Inaugural address by Principal
2. C. V. Raman memorial lecture by Dr. Kalyan Giri
3. 3 Laboratories (Physics, Chemistry, Botany) visit of school students will be conducted by the concerned department teachers
4. 30 students [Jawahar Navodaya Vidyalaya, Hooghly, Champadanga High School, Hooghly, Champadanga Bijoy Krishna Uchha Balika Vidyalaya, Hooghly, Kshudrampur High School, Hooghly] will be invited to attend the first 2 days (28th February and 29th February, 2024) of science week programme being held at Rabindra Mahavidyalaya.

Activity Report on Seminar

Date: 28 February 2024

Name of the Program: National Science Week Celebrations

Summary: On National Science Week, the Department of Physics organized by Dr. Kalyan Giri, who is an alumnus of the department of Physics, delivered the C. V. Raman memorial lecture.

Organized by: Department of Physics in Collaboration with IQAC

Number of Teachers present: 10 (Female: 03, Male: 07)

Number of Students present: 36 (Female: 16, Male: 20)

Teachers present from the Department of Physics, Rabindra Mahavidyalaya:

Dr. Uday Kumar Khan, Dr. Safiul Alam Mollick, Dr. Arpan De, Prof. Somnath Pal, and Prof. Arkadeep Guchhait

Details

All the departmental students along with the invited school students attended the C. V. Raman memorial lecture by Dr. Kalyan Giri, which was very relevant and fascinating to the students. Prof. Kalyan Giri of Presidency University delivered insightful lecture on the "Study of Biological Processes Using Physics-Based Methods." This interdisciplinary approach, known as biophysics, applies physics principles and techniques to understand biological systems at the molecular, cellular, and organism levels.

Biophysics has revolutionized our understanding of biological processes, from DNA and protein structures to cellular membrane dynamics and neural networks. Techniques such as X-ray crystallography, nuclear magnetic resonance (NMR) spectroscopy, and fluorescence microscopy enable precise visualization and analysis of biological molecules.

For B.Sc. students, studying biophysics offers numerous benefits. It provides a solid foundation in both physics and biology, a deeper understanding of complex biological phenomena. This interdisciplinary knowledge equips students with versatile skills applicable in medical research, biotechnology, and pharmaceuticals.

Outcome

The success of the event was evident in the positive feedback and enthusiastic participation from everyone present. It served as a platform for showcasing the talents and knowledge of the department, inspiring future initiatives and collaborations.

Photos

Students attending the C. V. Raman memorial lecture by Dr. Kalyan Giri

