

MADAM MARIE CURIE SCIENCE CLUB

Activities of the Club

2023-24



Patron of the Club

Dr. Pargat Singh Garcha

Sponsor of the Club

Dr. Manu Chadha

G.H.G. Khalsa College of Education, Gurusar Sadhar, Ludhiana

Madam Marie Curie Science Club

Science clubs channelize the energies of students and make use of their skills and talents, which satisfy their instincts and urges and help in their overall personality development. Science clubs work in association with classroom instruction of science subjects. The Science club at GHG Khalsa College of Education, Gurusar Sadhar has been named after the famous scientist, *Marie Curie*, who was known as the "Mother of Modern Physics" for her pioneer work in research about radioactivity, a word she coined. She was the first woman to win a Nobel Prize, in Physics in 1903 and with her later win, in Chemistry in 1911, she became the first person to claim Nobel honors twice. Her efforts with her husband Pierre led to the discovery of polonium and radium, and she championed the development of X-rays.

Aims and Objectives of the Science Club

- To inculcate scientific attitude among the students
- To encourage the pursuit of science as a hobby
- To encourage people participation and initiative in learning science
- To provide vocational and educational guidance to the members of club
- To provide profitable use of leisure time
- To broaden the scientific outlook of students
- To keep the students in touch with the recent advances of science and their impact in life
- To develop among the pupils a training in scientific method
- To organise various activities in the college
- To develop among children a habit of cooperative working
- To identify and nurture the future scientists of India and abroad
- To develop leadership qualities
- To contact other clubs and exchange information and activities

Composition of the Club

Madam Marie Curie Science Club

- *Patron*
- *Sponsor*
- *Chairman*
- *Secretary*
- *Assistant Secretary*
- *Treasurer*
- *Librarian*
- *Lab Incharge*
- *Publicity officer*
- *Members*

Activities of the Club

- ❖ Holding panel discussions, quiz, seminars, discussions, meetings, exhibitions and debates
- ❖ Arranging excursions and trips to places of scientific interest
- ❖ Preparing models, charts on scientific topics
- ❖ Making improvised apparatus
- ❖ Celebrating Science Day
- ❖ Holding meetings addressed by invited guests
- ❖ Rendering community service in health and sanitation
- ❖ Organising drives to inculcate sound health habits

Session 2023-24

Patron	Dr. Pargat Singh Garcha
Sponsor	Dr. Manu Chadha
Chairperson	Uttampreet Kaur (455)
Secretary	Adarshpal Verma(409)
Assistant Secretary	Kiranpreet Kaur (23063)

Treasurer	Manjot Singh (23049)
Librarian	Jaskaran Singh (23018) Sukhmeet Kaur (23028)
Lab Incharge	Divyanshi (459) Akashpreet Singh (23019)
Publicity Incharge	Jasmeen Kaur (23057) Kirandeep Kaur (23059)

Activities (Session 2023-24)

Skill in Teaching and Teaching Aid Preparation Competitions- The member representatives of Madam Marie Club participated in Panjab University Zonal Skill in Teaching and Teaching Aid Preparation Competitions in the subjects of Science held at G.H.G.H. Harparkash College of Education for Women, Sidhwan Khurd April 16, 2024. Ms Kamalpreet Kaur (405) bagged the **First position in On-the-Spot Teaching Aid Preparation Competitions (Science)**. Ms. Osheen Kapoor (435) participated in the **Skill in Teaching Competition** in Science category.

World Environment Day Celebration

Following activities were conducted in order to observe world environment day on June 05, 2024:

Pledge to Adopt an Environment-friendly Lifestyle

All the students and faculty members in the college took pledge on “Lifestyle for the Environment”, wherein the students vowed to preserve their environment and make the earth

a better place to live in. They committed themselves to consciously participate in taking up an environmental lifestyle and inculcate long-term environment friendly habits.

Tree Plantation Drive

NSS Unit, Eco Club and Red Ribbon club of the College organized a “Tree Plantation Drive” in college premises as well as the surrounding areas in which NSS volunteers along with faculty members participated diligently with great zeal and enthusiasm. Conserving environment and tackling pollution caused by environmental degradation is the need of the hour for which this drive was organized. The participants reached the college at 10 am on June 5, 2024 and raised awareness about the environment by planting various saplings brought by them and provided by the college faculty in the college campus. The program took place under the guidance of IQAC Coordinator Dr. Manu Chadha and NSS Programme officers, Dr. Mini Sharma and Dr. Jagjit Singh who also took the initiative to plant trees along with the others to create environmental awareness and send a message about conserving it among the masses. The programme was a huge success with immense participation of the volunteers and the staff.

Say No to Plastic Campaign – Best Out of Waste Activity

B.Ed. and M.Ed. students of the College enhanced the vertical garden of the College by putting more waste plastic bottles with saplings in them. They also make them look beautiful by painting flowers and educational content on them. Through this activity they took a pledge to motivate each individual to take necessary steps to stop plastic pollution. This activity helped them understand the need to take an immediate action to save our planet from plastic pollution.

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Tree Plantation Drive to Commemorate National Science Day

Madam Marie Curie Science Club and NSS wing of G.H.G. Khalsa College of Education, Gurusar Sadhar organized a tree plantation drive to commemorate National Science Day on February 28, 2024. The drive was aimed to instill a sense of responsibility among students towards the environment and aligns with the College's commitment to promote scientific awareness and sustainable practices. In conjunction with the tree plantation drive an awareness workshop on the theme "Vermicomposting" was also organized by the College. This hands-on event aimed to educate students and the faculty about the benefits of vermicomposting and its role in waste management. Students were enlightened about the science behind vermicomposting, the types of organic waste suitable for the process and the environmental impact of traditional waste disposal methods.

All the faculty, students and staff members actively participated in this eco-friendly endeavor. Dr. Pargat Singh Garcha, Principal of the College appreciated the efforts of Dr. Manu Chadha, Incharge Madam Marie Curie Science Club, Dr. Mini Sharma and Dr. Jagjit Singh NSS Programme officers for organizing the tree plantation drive and engaging students in impactful workshop on vermicomposting.



One day Seminar on the theme Health, Well-being and Sports

The N.S.S. wing and Science Club of the G.H.G. Khalsa College of Education, Gurusar Sadhar organized a seminar on the theme “Health, Well-Being and Sports” under the “EK Bharat Shreshtha Bharat” campaign and as per the directions of the Youth Welfare Services, Govt. of Punjab on February 27, 2023. Dr. Baljinder Singh, Asst. Prof., Department of Sports, G.H.G.

Madam Marie Curie Science Club

Khalsa College, Gurusar Sadhar was a resource person on the occasion. The seminar commenced with the recitation of College Shabad followed by formal welcome of the resource person by Dr. Pargat Singh Garcha, Principal of the College. While speaking on the occasion, Dr. Baljinder Singh said that health and well-being of a person is dependent on the principle of Health Trinity which includes Nutrition, Recovery and Training. He also elaborated on the concept of Food and nutrients including the micro and macro nutrients. Dr. Baljinder discussed in detail about the calorie chart for different activities. Dr. Rachhpal Singh, Programme Coordinator, N.S.S. Wing of the College extended vote of thanks at the end of the event. The students of B.Ed and M.Ed. along with the faculty members participated in the event with full enthusiasm.

