

MADAM MARIE CURIE SCIENCE CLUB

Activities of the Club

2024-25



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 2024-25

Patron	Dr. Pargat Singh Garcha
Sponsor	Dr. Manu Chadha
Chairperson	Lakshpreet Kaur (24078)

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Secretary	Rajdeep Kaur Sekhon(24074)
Assistant Secretary	Kiranpreet Kaur (23063)
Treasurer	Manjot Singh (23049)
Librarian	Jaskaran Singh (23018) Navdeep Kaur (24022)
Lab Incharge	Muskan Kalra((24002) Akashpreet Singh (23019)
Publicity Incharge	Gurdeep Singh (24048) Jobanpreet Kaur (24039)

Activities (Session 2024-25)

A morning assembly dedicated to **Planetary Alignment** was organized by members of Science Club on January 25, 2025. The students presented their views on Alignment of Planets and their impact on Astronomy with the help of Power point Presentations, Lectures, and Quiz. A deliberation on Life Lessons of Scientists and their contribution in modern world was presented by the incharge Dr Manu Chadha.



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Zonal Skill in Teaching and Teaching Aid Preparation Competitions- The member representatives of Club participated in PU Zonal Skill in Teaching and on the Spot Teaching Aid Preparation competitions (zone-B) in the subjects of Science held at DM College of Education, Moga (19.02.2025). Ms Muskan (23070) participated in **Skill in Teaching Competitions (Science)**. Ms. Paramjot Singh (23015) bagged third position in the **Skill in On the Spot Teaching Aid Preparation in Science** category.



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Inter-Zonal Skill in Teaching and Teaching Aid Preparation Competitions-The member representatives of Club participated in PU Inter Zonal Skill in Teaching and on the Spot Teaching Aid Preparation competitions (Group I) held at Kenway College of Education, Abohar (26.02.2025) in the subjects of Science. Paramjot Singh (23015) participated in on the spot **Teaching Aid preparation Competitions (Science)**.



Celebration of Earth Day by Organizing Cooking without Fire Competition

In observance of Earth Day on April, 22, 2025, NSS Unit, Eco Club and Madam Marie Curie Science Club of G.H.G. Khalsa College of Education, Gurusar Sadhar, Ludhiana hosted a "Cooking Without Fire" competition to promote environmental sustainability, creativity, and healthy eating habits among students. The event aimed to raise awareness about reducing carbon footprints and conserving energy through innovative, no-cook recipes. Over 22 students

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from various courses participated in the event forming 11 teams of two members each. Entries were evaluated based on taste, creativity, presentation, nutritional value, and adherence to the theme of sustainability. The competition was judged by a panel comprising of three senior faculty members which includes Dr. Manu Chadha, Dr. Jasleen Kaur and Dr. Jasvir Kaur. The event featured a brief workshop on the environmental impact of traditional cooking methods and the benefits of raw food diets. Students were educated on how no-cook meals can reduce energy consumption and minimize waste. The first position in the event was won by PoojaJalota and Rajni. Sandeep Kaur and Navjot Kaur secured second position in the event while Satwinder Kaur and Manpreet Kaur won third position in the competition. While throwing light on the objective of organizing the competition, NSS Programme Officer in the College Dr. Mini Sharma said that the "Cooking without Fire" competition successfully combined culinary skills with environmental consciousness, offering students a platform to express creativity while promoting sustainable practices.



World Bicycle Day- In order to spread awareness related to tremendous health and environmental benefits of cycling, Red Ribbon Club and N.S.S. wing of G.H.G. Khalsa College of Education, Gurusar Sadhar celebrated World Bicycle Day with great enthusiasm on June 03, 2025. Every year, on June 3 the world celebrates World Bicycle Day to raise awareness about cycling and its benefits on health and mental wellbeing. The students of B.Ed and M. Ed classes enjoyed the bicycle ride in their locality and displayed posters to encourage people for more and more in their day to day life. This year the theme of this special day is “Cycling for a Sustainable Future”. Dr. Pargat Singh Garcha, Principal of the college appreciated the efforts of the students and faculty to celebrate the World Bicycle Day for the cause of the environment. He further added that riding a bicycle is healthy, fun, and a low-impact form of exercise for all ages. He said that cycling is easy to fit into one’s daily routine by riding to the park, neighbourhood shop, or workplace etc. He encouraged the students and faculty to adopt the good practice of cycling in their daily life in order to enjoy good health and to contribute towards the sustainable environment.



World Environment Day - NSS Unit and Eco Club of G.H.G. Khalsa College of Education, Gurusar Sadhar celebrated World Environment Day by organizing a tree plantation drive, poster making and e-poster making competition on June 05, 2025. The initiative aimed to raise awareness among students and faculty about environmental conservation and encourage active participation in building a greener and healthier planet. The day began with an enthusiastic tree plantation drive on the college campus. Faculty members, staff and the students participated in planting the saplings, including native species such as Neem, Peepal, Gulmohar and Mango. The event was inaugurated by the Principal, Dr. Pargat Singh Garcha who addressed the gathering on the importance of afforestation and the role of youth in combating climate change. He added that the main objective behind celebrating the event was to highlight the importance of the environment and remind the society that we should not take nature for granted. He also congratulated the volunteers of NSS Unit and Eco Club of the College for organizing the event for the cause of the environment. Along with this the College hosted a Poster Making Competition on the theme “Sustainable Living for a Better Tomorrow”. Students from various courses showcased their creativity and awareness about environmental issues through vibrant and thought-provoking posters.



International Yoga Day

In order to promote the physical, mental, and spiritual benefits of yoga among students, faculty, and the broader community, NSS Unit and Red Ribbon Club of G.H.G. Khalsa College of Education, Gurusar Sadhar, Ludhiana celebrated International Yoga Day on June 21, 2025. The theme of the event was “Yoga for One Earth, One Health”. Prior to the event, a circular was issued instructing students to join the initiative by practising Yoga at home either individually or with their family members. Informative resources, including video links and yoga sequences, were shared to help them follow proper techniques. Students were requested to send their Yoga Day pictures in the college’s official WhatsApp group to showcase their active participation. On the day of the event, numerous students enthusiastically participated and shared photographs performing various asanas such as Tadasana, Vrikshasana, Bhujangasana, and Pranayama practices. While congratulating the NSS volunteers, Dr. Pargat Singh Garcha, Principal of the College said that G.H.G. Khalsa College of Education is a leading institution committed to academic excellence and the holistic development of its students. Through various initiatives and events, the college fosters a supportive and inclusive environment that promotes health and well-being. Dr. Mini Sharma, NSS Programme Officer in College, emphasized that the virtual celebration served as a motivating platform to spread awareness about the ancient Indian practice and its relevance in today’s fast-paced life.

