



G.H.G. KHALSA COLLEGE OF EDUCATION

GURUSER SADHAR, DISTT. LUDHIANA-141104 (Estd. 1955)
NAAC Accredited 'A' Grade (2nd Cycle) (CGPA : 3.30), Permanently recognized by NCTE
A post-graduate, Grant-in-Aid, Co-education College, Affiliated to Panjab University,
Chandigarh & recognized by UGC u/s 2(f) & 12(b), Govt. of India.

MADAM MARIE CURIE SCIENCE CLUB

Activities of the Club

2025-26



Patron of the Club

Dr. Pargat Singh Garcha

Sponsor of the Club

Dr. Manu Chadha

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

Madam Marie Curie Science Club

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

- *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 2025-26

Patron	Dr. Pargat Singh Garcha
Sponsor	Dr. Manu Chadha
Chairperson	Lakshpreet Kaur (24078)
Secretary	Rajdeep Kaur Sekhon(24074)
Assistant Secretary	Jasleen Kaur Bhangoo (25005)
Treasurer	Sapna Mishra (24057)
Librarian	Sukhchain Singh (25003) Navdeep Kaur (24022)
Lab Incharge	Muskan Kalra((24002) Suknchain Singh (25003)
Publicity Incharge	Gurdeep Singh (24048) Jobanpreet Kaur (24039)

Activities (Session 2025-26)

Panjab University Zonal Skill in Teaching & Teaching Aid Preparation Competitions

The Science students of Madam Marie Curie Science Club GHG Khalsa College of Education, Gurusar Sadhar brought laurels to the institution by securing top positions in the Panjab University Inter-College Skill in Teaching and Teaching Aid Preparation Competitions held at Khalsa College for Women, Sidhwan Khurd (28.11.2025)

- Simarjeet Kaur Teaching Aid Preparation Computer Science First Prize
- Jobanpreet Kaur Teaching Aid Preparation Science Second
- Muskan Kalra Skill in Teaching Science First Prize



Inter-Zonal Skill in Teaching and Teaching Aid Preparation Competitions (December 08, 2025): Students participated in Inter-Zonal Competitions held at A.S. College of Education, Kalal Majra, Khanna (December 08, 2025)

- Jobanpreet Kaur First Prize Teaching Aid Preparation Science A.S. College, Khanna
- Muskan Kalra Third Prize Skill in Teaching Science A.S. College, Khanna



World Cancer Day, World Ostrich Day and World Wetlands Day (February 6, 2026):

A morning assembly was organized by Mentor Groups E and H under the guidance of Dr. Ramandeep Sidhu and Dr. Mini Sharma. The programme included Shabad, thought of the day, news, speeches, poems, and activities highlighting the significance of the observed days. An interactive quiz and experience-sharing session enhanced the participation.



National Science Day Celebration (March 5, 2026): The Madam Marie Curie Science Club organized National Science Day to promote scientific temperament and gender equality in STEM. The programme featured an introduction to science, a talk on “Catalysing Viksit Bharat,” and an engaging panel discussion addressing gender stereotypes, inclusive scientific culture, and the role of teachers in fostering equality. The session encouraged critical thinking, active participation, and awareness of the vision of NEP 2020, inspiring prospective teachers to integrate scientific outlook and gender sensitivity in their classrooms.





World Tuberculosis Day was observed on March 24, 2026, by the Red Ribbon Club in collaboration with the Madam Marie Curie Science Club under the guidance of Dr. Manu Chadha. The programme aimed to spread awareness about tuberculosis (TB), its causes, symptoms, treatment, and preventive measures among students.

Dr. Manu Chadha addressed the gathering and emphasized that tuberculosis is a curable disease if diagnosed early and treated properly. She highlighted that early identification and timely treatment play a vital role in controlling the spread of TB. Providing a historical perspective, she informed that in 1882, Dr. Robert Koch discovered the bacterium *Mycobacterium tuberculosis*, which causes the disease, marking a significant milestone in medical science. She also pointed out that India continues to bear a high burden of TB cases, making awareness and community participation essential.

During her lecture, she explained that TB spreads through the air when an infected person coughs, sneezes, or spits. She clarified the difference between latent TB, where the infected individual shows no visible symptoms, and active TB, where symptoms such as persistent cough, fever, fatigue, and chest discomfort are present. She also elaborated that TB is not confined to the lungs but can affect other parts of the body, including the spine, brain, and bones, known as extrapulmonary TB.

Dr. Chadha stressed the importance of strict adherence to treatment. She explained that anti-tubercular drugs must be taken regularly and the full course must be completed, as incomplete treatment can lead to drug-resistant TB. She also discussed the Directly Observed Treatment Strategy (DOTS), which ensures that patients are monitored while taking their medication, thereby improving recovery rates.

In addition, she highlighted the importance of supportive care, including proper nutrition, avoiding smoking and alcohol, maintaining hygiene, and ensuring adequate ventilation and sunlight. She also addressed the psychological aspects of the disease, emphasizing the need for emotional support and a positive environment for patients.

Preventive measures such as early detection, BCG vaccination, maintaining good hygiene, and avoiding close contact with infected individuals were also discussed in detail. Through these measures, she encouraged students to adopt healthy practices and contribute to controlling the spread of TB.

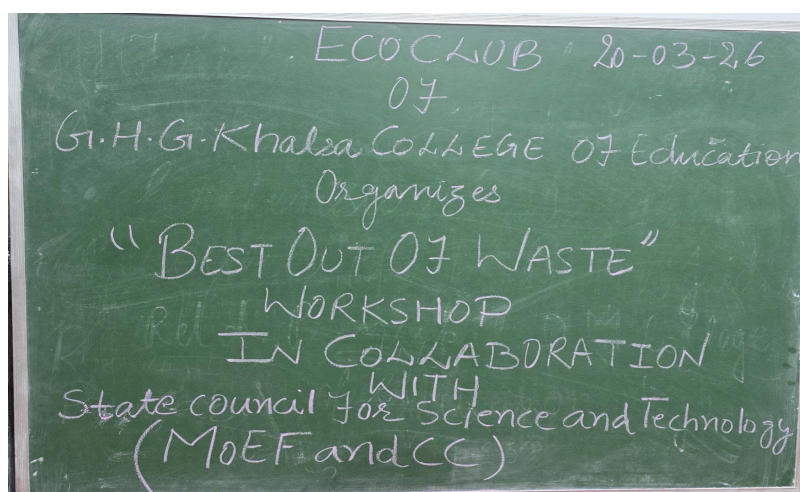
In her concluding remarks, she reiterated the theme of the day, “Yes! We Can End TB,” and motivated students, as future teachers and responsible members of society, to spread awareness and support those affected by the disease.

The programme witnessed enthusiastic participation from students and faculty members. The session was interactive, with students actively asking questions and sharing their views, making the event engaging and informative. Overall, the programme was successful in creating awareness and reinforcing the collective responsibility to work towards a tuberculosis-free society.



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. The initiative aimed to raise awareness among students and faculty about environmental conservation and encourage active participation in building a greener and healthier planet.

Environment Education Programme (March 17–20, 2026): An Environment Education Programme was organized in collaboration with the Punjab State Council for Science and Technology to promote environmental awareness through experiential learning. The programme included activities such as Best Out of Waste workshop, poster and slogan competitions on water conservation, tree plantation, vertical gardening, and hands-on vermicomposting training, fostering ecological responsibility and sustainable practices among students.





Awareness Lecture on Misuse of Antibiotics (February 11, 2026): An awareness lecture was organized to sensitise students about the rational use of antibiotics. The resource person explained the dangers of self-medication, overuse, and incomplete dosage, highlighting their role in causing antibiotic resistance. The session also emphasized the importance of immunity, healthy lifestyle practices, and proper medical guidance. The lecture concluded with an interactive session, making it informative and impactful for all participants. Creative expression.

