



The Science Spin

An Annual newsletter (Volume-9)

2023-24



Department of Sciences

KAMLA NEHRU COLLEGE FOR WOMEN

Re-accredited with Grade "A++" (3.55/4.00 CGPA) by NAAC, Bangalore
College with Potential for Excellence by UGC, New Delhi

Star College Status in Sciences by DBT, New Delhi

OUR VISION



**Smt. Kamala
Nehru (1899-
1936)**

*To blossom as one of the
Leading and Most Preferred
Institutes with Earnest
endeavors to enhance its quality
in imparting excellent
education-vocational &
competitive to the highest
academic standards with full
devotion and dedication.*

OUR MISSION

*To Nurture, Nourish
and Chisel our girls into a
host of Well-shaped
Individuals- Self-reliant,
Self-sufficient and Responsible
Citizens, leading to the
upliftment of the society.*



The news that the Department of Sciences at Kamla Nehru College for Women, Phagwara, is launching "The Science Spin," its science newsletter, for the 2023–2024 academic year, makes me happy. My sincere congrats on this significant occasion go out to the Principal and the hardworking Department team. I'm confident that with sustained work, the newsletter will establish itself as a mainstay in the years to come.

Mr. Dhiraj Sardana

President



I'm gladsome that the Department of Sciences is delivering its yearly bulletin "The Science Spin". This newsletter is our way of showcasing the exciting developments, research and achievements within the realm of science at our college. It's a platform where we highlight the innovative work, of our students and faculty, share fascinating insights into various scientific disciplines, and inspire curiosity and exploration among our readers. I heartily congratulate the whole group of the Science Department for drawing out the yearly bulletin 2023-2024 and convey my all the best for the upcoming versions of the bulletin as well.

Dr. Savinder Pal
Principal



I am glad that the Department of Science, Kamla Nehru College for Women, Phagwara is bringing out new issue of its newsletter 'The Science Spin'. The spinning movements have great significance in Physical Sciences so choice of the title 'The Science Spin' has added value to the constant efforts of Department of Science. I applaud the coordination of the faculty for their multifarious efforts in achieving the goal of all round development of the students of the college.

Being teachers, it is our prime responsibility to develop students' creativity and this department has been focusing very well on the same. The presentation of the scholastic and extracurricular achievements of the department in the newsletter will definitely encourage the growing minds. I wish all the very best to the department's future endeavors and I hope the students of this college bring more laurels to the institution of the whole.

Dr. Geetanjli Kaushal

PG Department of Chemistry

Lyallpur Khalsa College, Jalandhar



I would like to inform you that Department of Science of Kamla Nehru College for Women, Phagwara is delivering its yearly bulletin "The Science Spin". It would not have been possible without the kind support and help of many individuals. I'm appreciative to all the teachers of the Department for aiding me in drawing out this extraordinary bulletin. Also, I would like to express my sincere gratitude to our principal for providing us right direction and oversight while dealing with the news release.

***Ms. Priyanka Head,
Department of Sciences***



I am glad to inform that Department of Sciences, Kamla Nehru College for Women, is releasing 7th volume of News Bulletin "The Science Spin." It is prime attempt by the entire department and worth appreciating. I am thankful to all faculty members of the department for their sincere efforts and grateful to the Principal Mam for guidance and supervision.

***Ms. Manvinder Kaur
Assistant Professor in Botany***

“The important thing is to never stop questioning.”

DEPARTMENT OF SCIENCES

The Department of Sciences gained recognition in the year 2004 and since then it has been functioning as a significant part of the institute. Presently the department is offering bachelor courses in Medical, Non–Medical and Computer Science with an additional course in Biotechnology (Certificate, Diploma and Advance Diploma). With the passage of time, the department has grown itself not only in the field of academics but also in various research programs.

Different Courses offered by the Department

- *B.Sc. in Medical*
- *B.Sc. in Non-Medical*
- *B.Sc. in Computer Science*
- *Add on course in Biotechnology (Certificate, Diploma and Advanced Diploma)*

“STAR COLLEGE STATUS”

The department of sciences has the proud and rare honor to be under “Star College Scheme” by Department of Biotechnology (DBT), New Delhi and approaching remarkable milestones day by day into its credit.

The department has utilized this grant for the constructive missions like upliftment of basic infrastructure including:

- *Smart Class Rooms*
- *Upgradation of Laboratories with sophisticated equipments*
- *Inclusion of new plant species in Botanical Garden*
- *Vermiculture Unit*
- *Reconstruction of Green House*



Left to right: -_Ms. Prabhjit Kaur, Ms. Pinky, Ms. Manvinder Kaur, Dr. Savinder Pal (Principal), Ms. Priyanka, Ms. Tunish Kaur, Ms. Jaspreet Kaur, Mr. Rajeev Kumar

FACULTY OF SCIENCE DEPARTMENT

MATHEMATICS

- **Name:** Ms. Priyanka

Designation: Assistant Professor (Head of the Department)

Qualification: M.Sc. (Hons.), M.Phil., B.Ed.

Area of Specialization: Differential equation, Algebra

Publications: 01 (International)

Seminars/Webinars/Conferences/Workshops Attended:
18 (01-International; 17-National)

Email: shanaya9may2014@gmail.com



- **Name:** Ms. Jaspreet Kaur

Designation: Assistant Professor

Qualification: M.Sc.

Area of Specialization: Algebra

Seminars/Webinars/Conferences/Workshops

Attended: 10 (National)

Email: jaspreetvaid99@gmail.com



CHEMISTRY

- **Name:** Ms. Pinky

Designation: Assistant Professor

Qualification: M.Sc., B.Ed.

Area of Specialization: Organic Chemistry

Seminars/Webinars/Conferences/Workshops

Attended: 11(National)

Email: pinkysingh726@gmail.com



BOTANY

- **Name:** Ms. Manvinder Kaur

Designation: Assistant Professor

Qualification: M.Sc., B.Ed.

Area of Specialization: Arid Zone Ecology

Publications: 01 (National)

Seminars/Webinars/Conferences/Workshops Attended:
16(01- International, 15-National)

Email: mkmanvinder123@yahoo.com



- **Name:** Mr. Rajeev Kumar
Designation: Assistant Professor

Qualification: M.Sc.

Area of Specialization: Botany, Plant Pathology, Agronomy, Mycology

Seminars/Webinars/Conferences/Workshops Attended:
14 (05-International;9-National)

Email: rajeevcp1995@gmail.com



ZOOLOGY

- **Name:** Ms. Tunish
Designation: Assistant Professor

Qualification: M.Sc.

Area of Specialization: Immunology

Seminars/Webinars/Conferences/Workshops Attended:
04 (National)

Email: tunishkaur262@gmail.com



PHYSICS

- **Name:** Ms. Jagpreet Kaur
Designation: Assistant Professor

Qualification: M.Sc.

Area of Specialization: General Physics

Seminars/Webinars/Conferences/Workshops Attended: 01
(National)

Email: kaurjagpreet770@gmail.com



- **Name:** Ms. Prabhjeet Kaur
Designation: Assistant Professor

Qualification: M.Sc., B.Ed.

Area of Specialization: Quantum mechanics

Seminars/Webinars/Conferences/Workshops Attended: 05
(National)

Email: prabhjeet242@gmail.com



- **Name:** Ms. Kavita
Designation: Assistant Professor

Qualification: M.Sc.

Area of Specialization:

Seminar/Webinars/conferences/Workshops Attended:

Email:



“A Scientist is not a person who gives the right answers; he is one who asks the right questions.”

INFRASTRUCTURE

Teaching science is not only confined to classroom teaching, but it is fully based on the exposure of the students that they can get outside the classroom. Keeping this in mind, the department has different Labs, Smart classrooms, Botanical garden, Vermiculture, Green house etc. where students of the department can get firsthand experience to enhance their knowledge.

(I) Laboratories

The Department consists of well established, fully equipped and modernized laboratories in the fields of Botany, Biotechnology (Tissue culture lab and Instrumentation lab), Zoology, Chemistry and Physics. Various sophisticated equipment includes, UV-VIS spectrophotometer, potentiometer, laminar airflow, BOD incubator and seed germinator. The students make appropriate use of the same and grab unprecedented opportunities for inter disciplinary collaboration.



Botany Lab



Zoology Lab



Biotechnology Lab



Chemistry Lab



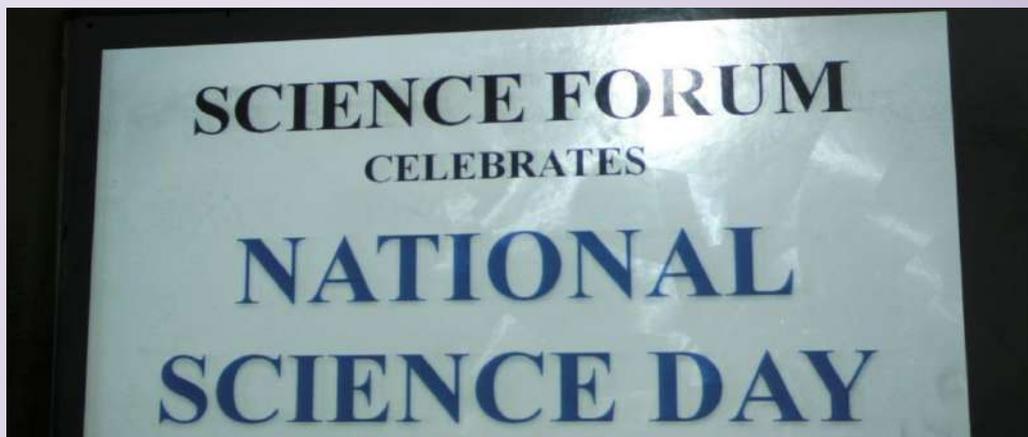
Optics Lab



Physics Lab

(II) SMART CLASSROOMS

The Department also owns one smart class room promoting digital education to students. The staff makes use of this platform and uses all interactive modules like videos and power point presentations for students. These modules are eye catching, fast and effective. The students are also in return engrossed in digital training to harness their potential and build confidence.



Smart Classroom

BOTANICAL GARDEN

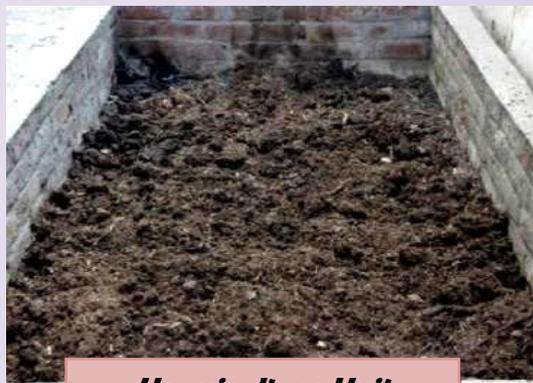
The practical knowledge of flora and fauna is imparted to the students through Botanical Garden and Green House.

Botanical garden of the department consists of different plant varieties along with some microorganisms. The setup is fully based on the Bentham and Hooker system of classification. It also contains a separate rose garden and cactus garden in which different species of rose and cacti are present. Along with this, it has aquatic pond for the growth of various aquatic plants i.e. hydrophytes and microorganisms. There are various parallel project plans running in the botanical garden:

- **Vermiculture unit**- In this unit, organic manure is prepared using earth worms, cow dung and various plant litters which are subsequently used in garden and campus lawns to ensure organic farming.
- **Vermiwash unit**- This unit has been successfully running where bio pesticides are generated and supplied to the plants as alternative to the inorganic fertilizers.
- **Preparation of potash alum from waste aluminum foil**- The waste aluminum foil of the campus is used to generate potash alum which is used as a toilet cleaner. This chemical is also used in chemistry lab for various experimental purposes.



Botanical Garden



Vermiculture Unit



Vermiwash Unit



Preparation of Potash

I. GREENHOUSE:

The department also has a green house where plants which require particular climatic conditions are grown. Students are assigned to work and clean the green house and utilize it for the academic curriculum.



Green House

Various activities carried out by the department

➤ Co-Curricular activities of Department:

Taking into consideration of student's holistic development, the department also motivates the students to participate in inter-college as well as intra-college activities held time to time. All these activities help the students to enhance their knowledge and creativity.

➤ SESSION 2023-24

1) SPECIAL LECTURE ON 'RESEARCH METHODOLOGY'

Department of Science, Kamla Nehru College for Women, Phagwara organized one day special lecture on "Research Methodology" on 25 August, 2023. Ms. Sanofar Khokher, Research scholar, LPU, Phagwara was invited as a resourceful person. He performed an experiment and also gave a lecture regarding career counseling and she explained different types of research methods, such as qualitative, quantitative and mixed methods. Around 50 students attended the lecture.



2) PROJECT PROPOSAL

On 19th October, 2023, the members from government of Punjab Mr. Harvinder Singh from Horticulture department and Mr. Roshan Lal supervisor, Phagwara visited Kamla Nehru College for Women, Phagwara for mushroom cultivation project inspection. A power point presentation was shown to them. Team members also visited Botanical garden and heritage center in college campus.



3) GREEN DIWALI

On 10th Nov, 2023, a grand green Diwali carnival was organized by the department of science, fashion designing, home science, fine arts and computer department of Kamla Nehru College for Women, Phagwara. Mrs. Nidhi Sardana eminent fashion designer presided as the chief guest. Students displayed diyas, chocolates, blue tea, multi- grain atta, candles, bakery items, knotted bottles, beauty products and food stalls etc. about 500 students and staff members joined and enjoyed this green Diwali carnival.



4) EDUCATIONAL TRIP: -

Science Department of Kamla Nehru College for Women, organized **One Day Educational Trip to Naina-Devi, Virasat-e-Khalsa and Anandpur Sahib on 7 Feb., 2024**. About 20 students along with teacher incharges Ms. Jaspreet Kaur, Ms. Tunish Kaur and Mr. Rajeev Kumar embarked on a unique historical and experimental journey. Dr. Savinder Pal, principal of college, and Ms. Priyanka, HOD of department, congratulated and motivated the faculty members to organize such events in future also.



5) EXTENSION LECTURE ON CHEMICAL ANALYSIS AND ITS APPLICATIONS

Department of science and Prof. Puran Singh society organized an extension lecture on the topic **“Chemical Analysis and its Application”** on 17th Feb., 2024. Dr. Geetanjali Kaushal from the Department of Chemistry at Lyallpur Khalsa College, Jalandhar acted as the resource person. Dr. Geetanjali Kaushal elaborated on qualitative and quantitative chemical analysis and its applications across various fields of science and technology. 70 students, faculty members, and Principal Dr. Savinder Pal graced the lecture. Dr. Savinder Pal congratulated the science Department and encouraged to conduct such lectures in the future.



6) EXTENSION LECTURE ON ETHICAL ISSUES IN THE SCIENTIFIC ERA

Department of Science in collaboration with IQAC organized an extension lecture on the topic of **“Ethical Issues in the Scientific Era”** on **29th Feb., 2024**. Mr. Kulkaran Singh, Lecturer in Physics, acted as resource person. He shed light on the historical appreciation of a scientific approach within our culture, emphasizing a shift towards embracing evidence-based practices. The event saw a vibrant participation of 60 students, faculty members, and Principal Dr. Savinder Pal, all actively engaging in the enriching dialogue. Dr. Savinder Pal congratulated the science Department and encouraged to conduct such lectures in the future.



7) FAREWELL PARTY ORGANIZED BY SCIENCE DEPARTMENT AND COSMETOLOGY DEPARTMENT

Science Department in collaboration with Cosmetology Department organized a grand farewell party for outgoing classes on **23rd April, 2024**. On this occasion colorful programmes like dances, games and songs were displayed by the host classes. Modelling was the main attraction of the day. Sharan from B. Com was awarded Miss KNC where Payal from B.Sc. Medical and Ritu from cosmetology were adjudged as 1st and 2nd runner up. Further the title of Miss Elegant was bagged by Gursharan from DCA, title of Miss confident was awarded to Himani from B. Com, Kajal from B. Com and Meenakshi from cosmetology were decorated with the title of Miss Beautiful Hair and Miss Beautiful Smile respectively. At this event everyone was amazed by the teacher's modeling skills. Ms. Isha (Assistant Prof. in English) and Ms. Aarti (Assistant prof. in P.G department of Commerce) were given prize for best modeling. At last special lunch was arranged by the College for the students and staff members.



8) EXTENSION LECTURE ON GRAPH THEORY

Department of Science in collaboration with IQAC organized an extension lecture on the topic of “**Graph Theory**” on 27 April, 2024. Dr. Shubham Mishra from the Department of Mathematics at L.P.U, acted as resource person. Dr. Shubham Mishra delves into various aspects of graph theory providing valuable insights and fostering a deeper understanding among the attendees. The event saw a vibrant participation of 45 students, faculty members, and Principal Dr. Savinder Pal, all actively engaging in this lecture. Dr. Savinder Pal congratulated the science Department and encouraged to conduct such lectures in the future.



Inter-college competitions: -

SESSION 2023-24

1. INTER- SCHOOL COMPETITION

On 22nd Nov, 2023, an inter school competition was organized at Kamla Nehru college for Women, Phagwara. More than 167 children from 11 different schools of Phagwara participated in this competition. Students competed against each other in different events such as best out of waste, cooking without fire, hair style, eye make-up, poster making, collage making, solo song, science- working and non- working model, and rangoli competition.



2. INTER-COLLEGE COMPETITION AT HMV COLLEGE, JALANDHAR

On 1st March, 2024, Science Department of Kamla Nehru College for Women attended inter college competition at HMV (Hans Raj Mahila Maha Vidyalaya), Jalandhar, Punjab. In this competition students participated in various activities such as Debate, Extempore, Ad-Mad show, Dil Khol Ke Bol, Shutter Bug, Quiz, Poster Presentation. Manjot Kaur of B.Sc. medical, final year got first position in shutter bug

competition. There was positive response from students during this competition. Dr. Savinder Pal, Principal of College congratulated all the students and encouraged them to participate in such events in future also.



3. INTER-COLLEGE COMPETITION AT LYALLPUR KHALSA COLLEGE, JALANDHAR

Science department of Kamla Nehru college for Women attended inter college competition at Lyallpur Khalsa college, Jalandhar, on 20th march, 2024. In this competition students participated in Poster Presentation, Slogan writing, Best out of waste, PowerPoint Presentation, Rangoli Presentation. Manjot Kaur (B.Sc. Med.Sem- V) stood first in Poster Presentation, Mehpal Bains (B.Sc. Med.Sem VI), Sukirti Sharma (B.Sc. Med.Sem IV), Priyanka Rani (B.Sc. Med.Sem VI) were awarded first, second and third positions in Best out of waste, Manjot Kaur and Monika (B.Sc. Med.Sem- V) got consolation prize for Rangoli Presentation. Students learn so many things from this competition. Dr. Savinder Pal, Principal of College congratulated all the students and encouraged them to participate in such events in future also.



4. INTER COLLEGE COMPETITION AT D.A.V COLLEGE JALANDHAR

On 21st March, 2024, Science Department of Kamla Nehru College for Women attended inter college competition at D.A.V college, Jalandhar. In this competition students participated in various activities such as Nest making, Declamation, poetry, Zero waste fireless cooking, and Eco paradise. Total 15 students participated in this event. Gursimran and Priyanka (B.Sc. Med.Sem- VI) clinched the 1st prize in the nest making competition. Savinder Pal, college Principal, extended heartfelt congratulations to the students for their achievements.



Celebration of days:

SESSION 2023-24

1) OZONE DAY CELEBRATION:

The department of Science organized rally and Vertical gardening competition on the occasion of “WORLD OZONE DAY” and “SWACHH AMRIT MAHOTSAV” on theme “MONTREAL PROTOCOL: FIXING THE OZONE LAYER AND REDUCING CLIMATE CHANGE” in the college campus on Sep 16, 2023. The main motive of this program is to raise awareness about the importance of the ozone layer and the threats it faces. It also aims to inspire action to prevent ozone depletion and promote efforts towards the sustainable management of the Earth’s atmosphere.



2) NATIONAL CANCER AWARENESS DAY

Science Department of Kamla Nehru College for Women celebrated “National cancer awareness day” on 7th Nov, 2023, in which students participated in Poster Making and Slogan Writing. About 80 students participated in this event. The main aim to celebrate this day is to create awareness among students about cancer, its preventive measures and diagnosis.



3) WORLD AIDS DAY: -

Department of science celebrated “World AIDS Day” on 1 Dec, 2023. The poster making competition was organized on this occasion to aware the students regarding sexual risk to prevent the transmission of HIV the importance of taking preventive measures. About 70 students were participated in competition.



4) WORLD CANCER DAY

Department of science celebrated “World Cancer Day” on 5 Feb., 2024. On this occasion, Poster making competition was organized in which students participated enthusiastically. Dr. Savinder Pal, college principal also interacted with the students and encourages them to take positive and proactive approach against the global cancer pandemic.



5) CELEBRATION OF BASANT PANCHAMI

Science Department of Kamla Nehru College for Women celebrated *Basant Panchami* with great enthusiasm on 14th Feb., 2024. The program commenced with Saraswati Puja in which students performed

Aarti of Goddess Saraswati and then offered yellow Prasad. Students celebrated this day with great joy and happiness. Ms. Sukirti, student of B.Sc. Medical (IInd year) was chosen as Ms. Basant.



6) THREE DAYS WORKSHOP ON NATIONAL SCIENCE DAY 2023

IQAC in collaboration with Prof. Pooran Singh society, Green Squad Club, and Red ribbon Club inaugurated three-day workshop on “National Science Day” under the theme “Science for a Sustainable Future”. On 26th feb, 2024, an extension lecture was delivered by Ms. Sara and Ms. Jaspreet from economics department, on the topic “Life Essentials Depletion and the Role of Society”. On 27th feb.,2024, six events were held: poster making, collage making, potted plant decoration, enhancing food with flora, article writing, and best out of waste competition. On 28th feb.,2024, an extension lecture was given on the topic “Biodiversity and Conservation” by Mr. Rajeev Kumar, Assistant professor of botany. The highlight of the event was the prize distribution ceremony, where winners of six diverse competitions were recognised. Around 80 students participated in these events.





7) CELEBRATION OF WORLD MATHEMATICS DAY

Science department of Kamla Nehru College for Women celebrated **World Mathematics Day** on **14th march, 2024** in which students give presentation under the theme **“Playing with math”**. Approximately 40 students participated in the event, demonstrating their eagerness to explore the fascinating world of mathematics. Dr. Savinder Pal, college principal congratulated science department and encouraged to conduct such activities in future also.



8) WORLD WATER DAY

IQAC in collaboration with **Professor Puran Singh science society, Eco Club, NSS and Green Squad** of Kamla Nehru College for Women, Phagwara celebrated **“WORLD WATER DAY”** on **April 1, 2024** in which power point presentation was given by **Amandeep Kaur (B.Sc. Medical sem-6)** under the theme of **“Water for prosperity and peace”**. The foremost incentive of this event was to create awareness about water scarcity, importance of clean water and its conservative measures among students. Students along with teachers pledged their commitment to conserving water, underscoring the importance of collective action in safeguarding this precious resource. Approximately 100 students participated in this event.



9) WORLD EARTHDAY:

Department of Science in collaboration with eco- club celebrated “WORLD’S EARTH DAY” on April 22, 2024, on the theme “PLANET VS PLASTIC” where our principal Dr. Savinder Pal addressed the students to save Earth to safeguard life. About 40 students participated enthusiastically in activities like Poster Presentation and Tree Plantation, aimed at raising awareness about environmental issues.



GREEN SQUAD

Green Squad is a team of B.Sc. (Medical) students who keeps regular check to botanical garden as well as to the lawns of college for the maintenance of plants. They not only preserve the old plants but also check the cleanliness of lawns and whole college campus.

Moreover, eco-friendly plants have been planted like hyper accumulators and bio remediators.

Teacher In charges: Mr. Rajeev Kumar and Ms. Tunish

THE TEAM "GREEN SQUAD"

<i>Sr. No.</i>	<i>Class</i>	<i>Name of Students</i>
1.	B.Sc. (Medical) Sem V	Aman
2.	Do	Gursimran
3.	Do	Manjot
4.	B.Sc. (Medical) Sem III	Vinny
5.	Do	Deeksha
6.	Do	Sukirti
7.	B.Sc. (Medical) Sem I	Gurleen
8.	Do	Taniya
9.	Do	Gurpreet Mahi
10.	Do	Manamrit
11.	Do	Komal



ENERGY SQUAD

Energy Squad is another team of B.Sc. (Non-Medical and computer science) students who promotes the awareness of energy usage and motivates others on energy wastage issues. The team makes regular visits to all college premises and ensures zero wastage of energy. A new project has been initiated by the “Energy Squad” team in support of conservation where drained water is collected and reused for secondary purposes and for watering the plants. The students also celebrate Earth Hour to spread awareness for the preservation of electrical energy.

Teacher In charges: Ms. Kavita, Ms. Prabhjeet Kaur

THE TEAM “ENERGY SQUAD”

Sr. No.	Class	Name of Students
1.	B.Sc. (Non- Med) Sem V	Sonia
2.	Do	Kariti
3.	B.Sc. (C.Sci.) Sem III	Priyanka
4.	B.Sc. (Non-Med) Sem III	Simran
5.	Do	Priya
6.	Do	Diksha
7.	Do	Neha
8.	Do	Rajwinder
9.	B.Sc. (C.Sci.) Sem I	Jaspreet
10.	Do	Savita



Prides of the Department



Medical Stream

No.	Name	Class	Percentage
1.	Payal Sharma	B.Sc. III	82.25%
2.	Gursimran Kaur	B.Sc. III	81.75%
3.	Amanpreet Kaur	B.Sc. III	79.5%
4.	Manjot Kaur	B.Sc. III	78.5%
5.	Sukirti Sharma	B.Sc. II	73%
6.	Kajal Kumari	B.Sc. II	81.2%
7.	Vinny Banger	B.Sc. II	71.41%



Non-Medical Stream

Sr. No.	Name	Class	Percentage
1.	Neha	B.Sc. III	74.45%
2.	Saloni	B.Sc. III	65.8%
3.	Sarika	B.Sc. II	70%
4.	Rajwinder	B.Sc. II	62.9%
5.	Soni	B.Sc. II	61%



Computer Science Stream

Sr. No.	Name	Class	Percentage
1.	Sonia	B.Sc. III	65%



Payal Sharma
(B.Sc. Medical III)
82.25%



Gursimran Kaur
(B.Sc. Medical III)
81.75%



Amanpreet Kaur
(B.Sc. Medical III)
79.5%



Manjot Kaur
(B.Sc. Medical III)
78.5%



Sukirti Sharma
(B.Sc. Medical II)
73%



Kajal Kumari
(B.Sc. Medical II)
81.2%



Vinny Banger
(B.Sc. Medical II)
71.41%



Neha
(B.Sc. Non-Medical III)
74.45%



Saloni
(B.Sc. Non-Medical III)
65.8%



Sarika
(B.Sc. Non-Medical II)
70%



Rajwinder
(B.Sc. Non-Medical II)
62.9%



Soni
(B.Sc. Non-Medical II)
61%



Sonia
(B.Sc. C.Sci. III)
65%

Students Enrolled for Higher Studies



SESSION 2023-2024

<i>Sr. No.</i>	<i>Name</i>	<i>Class</i>	<i>Institute</i>
<i>1.</i>	<i>Sanjana</i>	<i>B.Ed.</i>	<i>Kamla Nehru College of Education for Women, Phagwara</i>
<i>2.</i>	<i>Harman</i>	<i>B.Ed.</i>	<i>Ramgharia college of Education, Phagwara</i>
<i>3.</i>	<i>Panna</i>	<i>B.Ed.</i>	<i>Ramgharia college of Education, Phagwara</i>

4.	<i>Garima</i>	<i>B.Ed.</i>	<i>Kamla Nehru College of Education for Women, Phagwara</i>
5.	<i>Swati Sharma</i>	<i>B.Ed.</i>	<i>Kamla Nehru College of Education for Women, Phagwara</i>
6.	<i>Alka</i>	<i>M.Sc. Chemistry</i>	<i>LPU</i>
7.	<i>Harleen</i>	<i>ILETS</i>	<i>Elevation Institute</i>
8.	<i>Jaskaranpreet Kaur</i>	<i>M.Sc. Chemistry</i>	<i>GNA University</i>
9.	<i>Isha Sharma</i>	<i>M.Sc. Chemistry</i>	<i>GNA University</i>
10.	<i>Jyoti</i>	<i>B.Ed.</i>	<i>Kamla Nehru College of Education for Women, Phagwara</i>
12.	<i>Manroop Kaur</i>	<i>ILETS</i>	<i>Milestone institute</i>

Placements



SESSION 2023-2024

<i>Sr.No.</i>	<i>Name</i>	<i>Class</i>	<i>Job</i>
<i>1.</i>	<i>Megha</i>	<i>B.Sc. (N. Med)</i>	<i>Teacher (S.G.H Public School, Palahi Sahib)</i>

Workshops/Seminars/Webinars attended by Teachers

SESSION 2023-2024

Sr. No.	Name	Number of webinars/Seminars/workshops attended
1.	<i>Ms. Priyanka</i>	04
2.	<i>Ms. Manvinder</i>	04
3.	<i>Ms. Jaspreet Kaur</i>	04
4.	<i>Ms. Tunish</i>	04
5.	<i>Ms. Pinky</i>	03
6.	<i>Mr. Rajeev Kumar</i>	04
7.	<i>Ms. Kavita</i>	02
8.	<i>Ms. Prabhjeet Kaur</i>	02

Celebration of Important Days

- *“Van Mahotsav” (July1-July7) by planting trees in and outside the college premises.*
- *“Breast Feeding Week” (Aug1-Aug7) by enlightening the students through informative talks by the team of esteemed experts.*
- *“Cancer Day” (4 Feb) by imparting informative talks and intra departmental competitions.*
- *“Science Day” (28 Feb) by hosting different scientific activities.*
- *“Water Day” (22 March) by organizing rally and various competitions.*
- *“Health Day” (7 April) by arranging slogan writing competitions.*
- *“Earth Day” (22 April) by planting trees.*
- *“Ozone Day” (16 Sep) by fancy dress and poster making competitions.*

We are Unique.....

- *Smart class room for effective teaching and training*
- *Extension lectures and Workshops by experts to enlighten our students*
- *Educational trips/ collection trips to universities and research institutes to provide hand on training to our students*
- *Research projects by the students to engross them in research*
- *Class seminars by students via power point presentations*
- *Regular tests/assignments throughout the course*
- *Well-equipped laboratories with modern facilities*
- *Add-on vocational courses*
- *Competitions for students to motivate them apart from academics*

Miles to go.....

- *Establishment of Zoological Museum*
- *Plant Herbarium*
- *Departmental Library*

केएनसीडब्ल्यू में वैज्ञानिक युग में नैतिक मुद्दे विषय पर सैमिनार आयोजित



केएनसीडब्ल्यू में आयोजित सैमिनार में उपस्थित छात्राएं व स्टाफ सदस्य।

कमला नेहरू कॉलेज में विश्व कैंसर दिवस मनाया



फगवाड़ा के कमला नेहरू कॉलेज फॉर वूमैन में आयोजित विश्व कैंसर दिवस के बीके पर बनाए गए पोस्टर दिखाती एनएसएस कैम्पेस।

सवेरा न्यूज /मुनीष चड्ढा फगवाड़ा, 9 फरवरी : कॉलेज प्राचार्या डॉ. सविंदर पाल के कुशल मार्गदर्शन में कमला नेहरू कॉलेज फगवाड़ा के विज्ञान विभाग रेट रिज्न् के छात्रों के बारे में जागरूकता पैक करना था। कॉलेज प्रिंसिपल डॉ. सविंदर पाल ने भी छात्राओं के साथ बातचीत की और उन्हें वैश्विक कैंसर महामारी के खिलाफ

कमला नेहरू कॉलेज फॉर वूमैन में विज्ञान दिवस पर कार्यशाला आयोजित



कमला नेहरू कॉलेज फॉर विमेन की एन.एस.एस इकाई और विज्ञान विभाग ने विश्व एड्स दिवस मनाया



कमला नेहरू कॉलेज में विश्व एड्स दिवस बीके पर छात्राएं व कॉलेज प्राचार्या डॉ. सविंदर पाल।

कमला नेहरू महिला महाविद्यालय ने उत्साहपूर्वक विश्व जल दिवस मनाया

सवेरा न्यूज/मुनीष चड्ढा फगवाड़ा, 1 अप्रैल : कॉलेज प्राचार्या डॉ. सविंदर पाल के मार्गदर्शन में कमला नेहरू महिला महाविद्यालय के विज्ञान विभाग ने इको क्लब, एनएसएस, ग्रीन स्क्वाड और प्रो. पूरन सिंह सोमावटी के सहयोग से 1 अप्रैल, 2024 को विश्व जल दिवस धूमधाम से मनाया। कार्यक्रम में अमनदीप कौर (बीएससी मैट्रीकुलर समैस्टर-6) द्वारा



फगवाड़ा के कमला नेहरू कॉलेज फॉर विमेन में विश्व जल दिवस के संबंध में आयोजित कार्यक्रम में जल संरक्षण पर जानकारी देती छात्रा।

बीए के विद्यार्थियों को दी विदायगी पार्टी, सुखद भविष्य की कामना की, सभी छात्राओं के मन में उत्साह दिखा

सवेरा न्यूज /मुनीष चड्ढा फगवाड़ा, 23 अप्रैल : कमला नेहरू कॉलेज फॉर वूमैन होशियारपुर रोड फगवाड़ा में कॉलेज प्राचार्या डॉ. सविंदर पाल की अध्यक्षता में बीए छात्राओं के लिए फेब्रुवरी पार्टी एवं शुभ आशीष दिवस का कार्यक्रम हर्षोल्लास के साथ मनाया गया जिसमें कॉलेज प्राचार्या डॉ. सविंदर पाल, उप प्रिंसिपल डॉ. सविंदर कौर, संजना, प्रियंका, गीता, अनविंदर द्वारा मुख्यातिथि के रूप में उपस्थित कन्या महाविद्यालय से पधारने वाली अश्विनी व आशा का फूलों का



फगवाड़ा के कमला नेहरू कॉलेज फॉर वूमैन में आयोजित विदायगी पार्टी में विजयी छात्राएं कालेज प्रबंधकों के साथ।

पुष्पे गए, जिसके छात्राओं ने बखूबी उत्तर दिए। मॉडलिंग के निर्णायक मंडल द्वारा निर्णय लेने से पहले विद्यार्थियों ने भांगड़ा प्रदर्शन कर सबको आनंदित कर दिया तभी बीए फाइनल ईयर की छात्राओं ने हिंदी गानों पर स्पेशल डांस परफॉर्मेंस से सबको मंत्रमुग्ध कर दिया। जर्जों द्वारा लिए गए फैसले में मिस एलिगेंट गुरशरण, मिस कॉन्फिडेंट हिमानी, मिस ब्यूटीफुल स्माइल मीनाक्षी, मिस ब्यूटीफुल हेयर काजल, सैकेड रनर अप रिनु, फर्स्ट रनर अप पावल रहीं वहीं मिस कमला नेहरू कॉलेज फॉर

Best Practices Implemented by the Science Department

Delivering Science Education through Celebrations, Practical Exposure, and Research-Oriented Learning.

Objectives of the Practice:

- ***To provide a thorough and well-rounded science education that includes academic excellence and practical skills.***
- ***To celebrate and recognize significant scientific and environmental days to foster awareness and responsibility among students.***
- ***To enhance students' practical knowledge and research skills through well-equipped laboratories and hands-on experiences.***
- ***To encourage student participation in inter-college competitions to build confidence and showcase talent in scientific fields.***
- ***To promote continuous learning and interdisciplinary research through extension lectures and educational trips.***

Overall, by integrating celebrations of scientific and environmental days, practical lab experiences, and community services into the curriculum, the Science Department not only aims at academic excellence but also at the holistic development of its students. This approach prepares them to be responsible, knowledgeable, and well-rounded scientists who are equipped to contribute to the scientific community and society at large.