

ANNUAL REPORT OF ECO CLUB (SESSION 2024-25)

PRESIDENT: MISS RITU RAJTA (B.SC III)

WORLD ENVIRONMENT DAY (05.06.2024)

The Lal Bahadur Shastri College, Saraswatinagar, Sawra organized an excursion-cum awareness trip on 5th June 2024 on the occasion of the World Environment Day. The 2024 edition of World Environment Day will focus on land restoration, desertification and drought resilience, under the slogan **“Our Land, Our Future. We are #Generation Restoration”**, as the year marks the 30th anniversary of the UN Convention to Combat Desertification (UNCCD). On the occasion, the college students enrolled in NCC, NSS and R&R gathered in the college campus and recited slogans on the theme. They were escorted by the Asst. Prof Dr Punam Chauhan, Asst. Prof Preeti Panta, and Asst. Prof Shefali Thanta. A total of 35 students participated in the excursion to the nearby government hospital where a cleanliness drive was organised. A lot of enthusiasm was visible in the student participants. The purpose of this small activity was to inculcate the sense of responsibility in our students towards the nature and well-being of the ecosystem. With this the event came to an end on a positive note.



INTERNATIONAL YOGA DAY (21.06.2024)

International Yoga Day was celebrated in Lal Bahadur Shastri Govt Degree College, Sawra by Eco Club and NSS, NCC, Rovers & Rangers. All the Unit Incharges Dr Punam Chauhan, Assistant Professor Pawan Kumar, Assistant Professor Preeti Panta, Dr Rohit Mokta, and Dr Sandeep Thakur with 36 students from were present during this event. This year marks the 10th International Day of Yoga with the theme **“Yoga for Self and Society”**. Yoga, a transformative practice, represents the harmony of mind and body, the balance between thought and action, and the unity of restraint and fulfillment. All the students and teachers reached the campus at 8:30 am. The Yoga Session started with the warm up session in the college hall. Yoga Instructors were Ms Tiya Chankrola and Mr Nikhil Ritola, the students from BA III. Various Asans were practiced as Sukhasans, Tadasana, Balasana, Vrikshasana, Shavasana, Marjaryasana, Gomukhasana, Trikonasana, Salabhasana, Setubandasana etc. Everyone was benefitted with this session and promised to practise Yoga Asanas daily in their life. It was really a very refreshing sessions.





78th INDEPENDENCE DAY CELEBRATION & TREE PLANTATION (14TH & 15TH Aug 2024)

Independence Day was celebrated with great enthusiasm at LBS Govt Degree College on 14th & 15th August 2024. Dr P. P. Chauhan, Principal of the Institution, Dr Lok Raj Sharma, Asst Prof Vijay Luxmi and various Unit Incharges, Asst Prof Pawan Kumar (NSS Unit 1), Asst Prof Sanjeev Barkhetka (NCC), Dr Punam Chauhan (Eco Club), Asst Prof Sandeep Thakur & Asst Prof Priyanka Puharta (Rovers & Rangers) with around 150 volunteers of the various units like NSS, NCC, Rovers & Rangers and Eco Club were present for the celebration of this great day.

Independence Day Celebration is often marked by a variety of activities and events that reflect national pride and patriotism.

Various Activities which were conducted by LBS Govt Degree College Saraswatinagar:

- 1. Flag Hoisting:** Worthy Principal, Dr P.P. Chauhan raised the National Flag which was followed by the National Anthem.
- 2. Parade:** NCC, NSS and Rovers & Rangers Unit's Volunteers conducted parade which highlights the National History and Cultural Heritage.
- 3. Speech:** Dr P. P. Chauhan, Principal of the instituton highlighted the significance of the day with his motivating speech and also paid tribute to those who fought for Independence and Nation's progress.
- 4. Tree Plantation:** All the volunteers along with the teachers and Principal planted the tree saplings in the near vicinity, Khoni Range.
- 5. Cleanliness Drive:** Volunteers also contributed their services by cleaning the College Premises.
- 6. Selfie Point:** Students also created a Selfie Point based on patriotic theme in the college and also displayed their artwork based on patriotism on the activity board.
- 7. Rally:** Rally was also organized by the students on **14th August** in which students sang the patriotic songs and recited patriotic slogans.





DISPLAY AT ACTIVITY CORNER BY ECO CLUB/SCIENCE DEPT. (16TH SEP -21ST SEP 2024)

The students of Eco Club/Science Department showcased their talent on the activity board from 16th Sep to 21st Sep, 2024. All the students curiously prepared posters on Ozone Day (16th Sep) and International Peace Day (21st Sep) to spread awareness among all the other students about these two days which were falling during this week.



CLEANLINEASS DRIVE ON GANDHI JAYANTI & LAL BAHADUR SHASTRI BIRTH ANNIVERSARY (02.10.2024)

Eco Club and NSS unit celebrated Gandhi Jayanti and Lal Bahadur Shastri Jayanti on 2nd October and also organized a cleanliness drive under the "Swachhta Hi Seva" campaign. Students of Eco Club and volunteers of NSS participated in cleaning from the college campus to the Mata Hateshwari temple premises. They also cleaned a traditional water body on the way to Hatkoti Temple from the college.



GREEN DIWALI CAMPAIGN (26.10. 2024)

On 26th Oct, 2024, Eco Club of LBS Govt. Degree College Saraswati Nagar organised a campaign to adopt Ayurveda and Green Diwali. This campaign included the rally on Green Diwali from the college campus to Sawra Market. Students tried to motivate and spread a message to the society through their slogans to celebrate pollution free and cracker free Diwali. At the end Dr Punam Chauhan told students about the consequences of the fire crackers and the pollution created it and also talked about the environmental hazards caused by this.



WORKSHOP CUM EXPERIENTIAL LEARNING SESSION ON MOLECULAR BIOLOGY FOR B.SC 3RD YEAR STUDENTS AT GPG COLLEGE SEEMA (07.11.2024)

B.Sc Final Year Students (08) along with the Faculty members Dr Punam Chauhan, Dept of Zoology and Dr Radha Raman Gautam, Dept of Physics of LBS Govt College attended a workshop cum experiential learning session on Molecular Biology at Govt PG College Seema on PCR, KOH string analysis for Gram +ve & Gram -ve Bacteria, Catalase Test for Aerobic & Anaerobic Bacteria and many other molecular biology experiments conducted by Prof Sudhir Sayal, HOD, Dept of Biotechnology & Bioinformatics and Ms Sandhya Tegta, Research Scholar from Jaypee University Waknaghat. This Workshop cum Career Counselling Session was organised by Dr Umesh Narta, HOD, Dept of Botany, Govt PG College Seema. Students themselves performed all these experiments and got hands on experience on these practicals of Molecular Biology.

1. KOH String Test: Students were able to distinguish between Gram +ve & Gram -ve Bacteria by using KOH as when KOH is added to Gram -ve bacteria, KOH (alkaline) dissolves the lipid cell wall of this bacteria and due to which nuclear material comes out and it becomes viscous, therefore, a string is formed in this solution by using toothpick. But in Gram +ve bacteria string cannot be formed as KOH will not be able to dissolve the thick peptidoglycan cell wall.

2. Catalase Test: Students also were able to identify aerobic and anaerobic bacteria by using H_2O_2 . As in a slide both aerobic and anaerobic bacteria inoculums are taken separately and then H_2O_2 is added in both, if bubbles of O_2 will appear it means the inoculum is of aerobic bacteria and if not then it is anaerobic bacteria. As aerobic bacteria has catalase enzyme which converts H_2O_2 into H_2O and O_2 but catalase enzyme is absent in anaerobic bacteria.

3. PCR: Students also extracted DNA from eukaryotic bacteria and observed it through PCR.

Prof Sudhir Sayal delivered a lecture on 'How to Learn Better' to students and 'Innovative Skills in Teaching' to all the faculty members. The session ended up with great enthusiasm among the students and they were found very motivated for their career and future life.

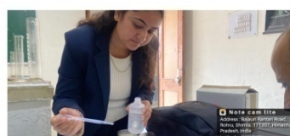
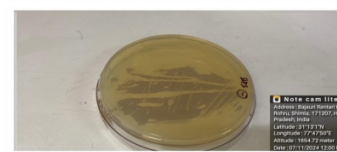
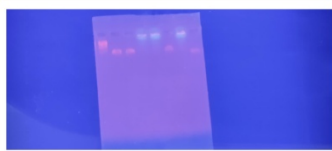
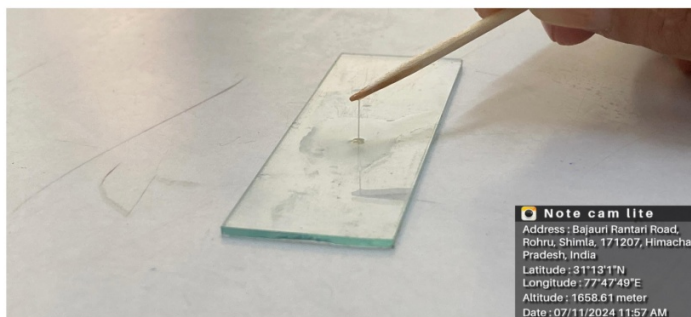
Registration/Attendance chart of the Participants

Name of activity: Separation and visualization of DNA bands by gel electrophoresis
Date: 26/11/2024
Venue: Govt. PG College, Seema Road, Shimla
Resource person(s): 1. Prof. Sudhir Sayal
2. Sandhya, P. B. School, Shimla

S. No.	Name of the participants	Class/affiliation	Roll No.	Signature
1.	Mayank	BSc 3rd year / LBS PGDC	2102007	<i>[Signature]</i>
2.	Monit	BSc 3rd year / LBS PGDC	2202004	<i>[Signature]</i>
3.	Bhushini Nasta	BSc 3rd year / LBS PGDC	2202003	<i>[Signature]</i>
4.	Rohan	BSc 3rd year / LBS PGDC	2102021	<i>[Signature]</i>
5.	Anjali	BSc 3rd year / LBS PGDC	2102009	<i>[Signature]</i>
6.	Tanisha	BSc 3rd year / LBS PGDC	2102019	<i>[Signature]</i>
7.	Aditi	BSc 3rd year / LBS PGDC	2102020	<i>[Signature]</i>
8.	Rishi	BSc 3rd year / LBS PGDC	2202002	<i>[Signature]</i>
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				

Principal
Govt. PG College Seema
District Shimla (H.P.)

1. Dr. Ramesh Chandra
Dept. of Zoology
R.D. Bora
2. Dr. Rakesh Kumar
Dept. of Physics



ANTI- DRUG RALLY (09.11.2024)

On 9th November, 2024 Anti Drug Committee along with all the other units like NSS, NCC, R& R, Red Ribbon Club and Eco Club of the college organized an awareness rally on drug menace. Students of all the units with their teachers went to the Sawra Market from the institution and chanted the slogans and also carried posters and banners on the drug menace. Students during the procession kept on talking to the people they encountered on their way about drug abuses and its side effects on the person and society. It was this way the institution tried to spread awareness about the drugs menace among the people and society.



NATIONAL SCIENCE DAY (28.02.2024)

India celebrates National Science Day on 28th February every year to commemorate the discovery of the 'Raman Effect'. Sir CV Raman discovered the effect in 1928 and was awarded the Nobel Prize in Physics in 1930. National Science Day is celebrated across schools and other educational institutes to spread the message of the importance of science in daily life. On this day, light is shed on efforts and achievements in the field of science and dialogue is held on implementing new technologies. In 1986, the National Council for Science & Technology Communication (NCSTC) asked the government of India to mark February 28 as National Science Day. National Science Day was first celebrated on February 28, 1987. The NCSTC also founded the National Science Popularization awards to recognize the outstanding efforts in the area of science. Theme of The theme has been chosen for the purpose of raising public appreciation of scientific issues in a global context which is having a bearing on global Well-being.

On 28 February 2025, the Science and BCA/PGDCA Departments celebrated National Science Day. This year the theme of National Science Day was **"Empowering Indian Youth for Global Leadership in Science & Innovation for Viksit Bharat"**. Dr. P.P. Chauhan, Principal of LBS Govt Degree College was the Chief Guest. The event started with the welcome speech by the Ms Snehal Rawat of B.Sc. Second Year at 10:30 am. Chief guest Dr P.P. Chauhan, Principal, Govt. Degree College Saraswatinagar and other faculty members were present to encourage our students. The event continued with the rosette ceremony of the distinguished guests. All the Science and BCA faculty members, lab assistants and Students were also present to witness the program. Dr. Lokraj Sharma and Dr. Radha Raman Gautam were the Judges of the competitions.

Various competitions were conducted during this event like Power Point Presentations, Demonstration of Model, Slogan Writing and Poster Making. The chief guest then delivered a motivational and inspirational speech to our students. He explained how science and technology is useful in day to day life and how it is making life easier. In his presidential remark he appreciated the efforts of the students for making this event a grand success. He emphasized that hard work is the only key to achieve success in the life. Dr Lokraj Sharma also motivated our students with their words of appreciation. The result was announced and prizes were distributed to the winners by our chief guest. The refreshment was also distributed to the students and the teachers. The program ended with vote of thanks by Dr Punam Chauhan.

Winners of the event were:

1. Power Point Competition

First: Ritu Rajta (BSc 3rd Year)

Second: Mayank (BSc 3rd Year)

Third: Aditi (BSc 3rd Year)

2. Poster Making Competition

First: Aarti Basnet (BCA 1st Year)

Second: Trisha (BSc 1st Year)

Third: Sneha (BSc 1st Year)

3. Slogan Writing Competition

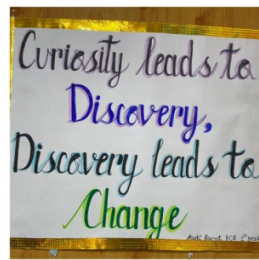
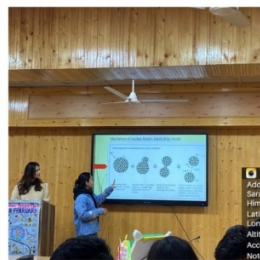
First: Aarti Basnet (BCA 1st Year)

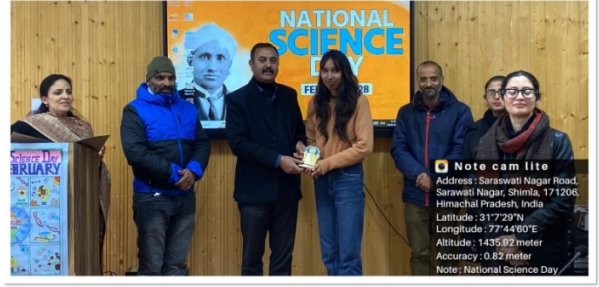
Second: Tanuja (BSc 2nd Year)

Third: Trisha (BSc 1st Year)

4. Model Demonstration

Harsh Baltoo & Shourya Ranta (BSc 1st Year)





पीपीटी में रितु और नारा लेखन में आरती ने पाया प्रथम स्थान



सरस्वतीनगर कॉलेज में विज्ञान दिवस पर आयोजित प्रतियोगिता के विजेता छात्रों को पुरस्कृत करते हुए मुख्यातिथि व अन्य। संख

रोहड़। राजकीय महाविद्यालय सरस्वतीनगर में शुक्रवार को विज्ञान संकाय और बीसीए संकाय ने नेशनल साइंस-डे मनाया। इस मौके पर पावर पॉइंट प्रेजेंटेशन, डेमोस्ट्रेशन, नारा लेखन और पोस्टर मेकिंग प्रतियोगिता करवाई गई। विज्ञान संकाय और बीसीए संकाय के प्रतिभागियों ने प्रतियोगिताओं में बढ़-चढ़कर भाग लिया।

महाविद्यालय के प्राचार्य डॉ. पीपी चौहान कार्यक्रम में बतौर मुख्य अतिथि उपस्थित रहे। विज्ञान संकाय से डॉ. लोकराज शर्मा, डॉ. पुनम चौहान, डॉ. राधा रमन गौतम, डॉ. शालू डोंगरा और प्रो. रोफाली थान्दा भी कार्यक्रम में उपस्थित रहें।

प्रतियोगिता में निर्णायक मंडल की भूमिका डॉ. लोकराज शर्मा और डॉ. राधा रमन गौतम ने निभाई। पावर पॉइंट प्रेजेंटेशन प्रतियोगिता में

राजकीय महाविद्यालय सरस्वतीनगर में मनाया नेशनल साइंस-डे

रितु राजदा ने प्रथम, मयंक ने द्वितीय और अर्द्वीति ने तृतीय स्थान प्राप्त किया। नारा लेखन प्रतियोगिता में आरती बसनेट ने प्रथम, तुषा ने द्वितीय और स्नेहा ने तृतीय स्थान प्राप्त किया।

पोस्टर मेकिंग प्रतियोगिता में आरती बसनेट ने पहला, तनुजा ने दूसरा और तुषा ने तीसरा स्थान हासिल किया। विज्ञान संकाय के हर्ष बालद और शीर्ष रांटा को डेमोस्ट्रेशन के लिए अवॉर्ड ऑफ एप्रिसिएशन से नवाजा गया।

प्राचार्य डॉ. पीपी चौहान ने सभी विजेताओं को पुरस्कार देकर सम्मानित किया। कार्यक्रम का अंत डॉ. पुनम चौहान के धन्यवाद ज्ञापन से हुआ। संख



सरस्वती नगर कालेज में नारा लेखन में आरती प्रथम



रोहटु। सरस्वती नगर कालेज में शुक्रवार को विज्ञान संकाय और बीसीए संकाय ने नेशनल साइंस डे मनाया। इस बार नेशनल साइंस डे का विषय किससित भारत के लिए विज्ञान और नवाचार में वैश्विक नेतृत्व हेतु भारतीय युवाओं को सशक्त बनाना रहा। नेशनल साइंस डे के अवसर पर विभिन्न प्रतियोगिताएं रखी गईं, जैसे पावर प्वाइंट प्रेजेंटेशन, डेमोस्ट्रेशन, नारा लेखन और पोस्टर मंकिंग आदि शामिल रही। विज्ञान संकाय एवं बीसीए संकाय के सभी प्रतिभागियों ने इन प्रतियोगिताओं में बढ़-चढ़कर भाग लिया। इस अवसर पर मुख्यालय के तौर पर महाविद्यालय के प्राचार्य डा. पीपी चौहान रहे। वहीं, विज्ञान संकाय के सभी अध्यक्ष जैसे डा. लोकराज शर्मा, डा. पुनम चौहान, डा. राधा रमन गौतम, डा. शांत डोंगर तथा प्रो. शंफाली धाना मौजूद थे। पावर प्वाइंट प्रेजेंटेशन में विज्ञान संकाय से प्रथम रितु राजद, द्वितीय मयंक तथा तृतीय अदिति रहे, नारा लेखन में प्रथम आरती बसनेट (बीसीए संकाय), विज्ञान संकाय से द्वितीय तुषा तथा तृतीय सोहल विजैत थे एवं पोस्टर में प्रथम आरती बसनेट (बीसीए संकाय)। विज्ञान संकाय से द्वितीय तनुजा तथा तृतीय पूषा विजैता रहे। विज्ञान संकाय के हर्ष बास्तू और शौर्य रांटा को डेमोस्ट्रेशन के लिए अग्राई ऑफ एग्जिस्टेंस से नवाजा गया। मुख्यालय और अन्य अध्यापक गण ने इस कार्यक्रम की सभी प्रतियोगिताओं के विजेताओं को पुरस्कार देकर सम्मानित किया।

Shimla Kesari

Mar 01, 2025 (IST)

पंजाब केसरी

एल.बी.एस. कालेज में 'नैशनल साइंस डे' पर विद्यार्थियों ने दिखाया कौशल

रोहटु, 28 फरवरी (बहानट): लाल बहादूर शास्त्री राजकीय महाविद्यालय सरस्वती नगर में विज्ञान संकाय एवं बी.सी.ए. संकाय के संयुक्त तत्त्वबोधन में 'नैशनल साइंस डे' हरमिल्लास के साथ मनाया गया। इस वर्ष का विषय 'किससित भारत के लिए विज्ञान और नवाचार' में भारतीय युवाओं को वैश्विक नेतृत्व के लिए सशक्त बनाना' रहा, जो विज्ञान व नवाचार में युवाओं की भूमिका को रेखांकित करता है।



कार्यक्रम के अंतर्गत पावर प्वाइंट प्रेजेंटेशन, डेमोस्ट्रेशन, नारा लेखन और पोस्टर मंकिंग जैसे विभिन्न प्रतियोगिताएं आयोजित की गईं, जिनमें विद्यार्थियों ने उत्साहपूर्वक भाग लिया। कार्यक्रम में महाविद्यालय के प्राचार्य डा. पी.पी. चौहान मुख्य अतिथि के रूप में उपस्थित रहे। निर्णायक मंडल में डा. लोकराज शर्मा और डा. राधा रमन गौतम शामिल रहे।

प्राचार्य डा. पी.पी. चौहान ने विद्यार्थी छात्रों को सम्मानित करते हुए उनकी प्रतिभा की सराहना की और सभी विद्यार्थियों को विज्ञान के क्षेत्र में नए

आयाम स्थापित करने के लिए प्रेरित किया। कार्यक्रम का समापन डा. पुनम चौहान के धन्यवाद ज्ञापन के साथ हुआ। इस दौरान विज्ञान एवं बी.सी.ए. संकाय के सभी प्राध्यापक एवं लेब असिस्टेंट उपस्थित, पावर प्वाइंट प्रेजेंटेशन प्रतियोगिता में विज्ञान संकाय के छात्रों ने उत्कृष्ट प्रदर्शन किया। इस श्रेणी में प्रथम स्थान रितु राजद, द्वितीय स्थान मयंक और तृतीय स्थान अदिति ने प्राप्त किया।

नारा लेखन प्रतियोगिता में बी.सी.ए. संकाय की आरती बसनेट ने प्रथम स्थान प्राप्त किया, जबकि विज्ञान संकाय की तुषा द्वितीय और स्नेहा तृतीय स्थान पर रही। पोस्टर मंकिंग में भी बी.सी.ए. संकाय की आरती बसनेट ने पहला स्थान हासिल किया, जबकि विज्ञान संकाय की तनुजा ने दूसरा और तुषा ने तीसरा स्थान प्राप्त किया। डेमोस्ट्रेशन श्रेणी में विज्ञान संकाय के हर्ष बास्तू और शौर्य रांटा को 'अग्राई ऑफ एग्जिस्टेंस' से सम्मानित किया गया।

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