

Departmental Activities Chemistry under Chemistry Club (Lavoisier) for Session 2024-2025

- 1) On 31st August 2024, Chemistry Club Lavoisier organized an awareness camp in collaboration with Maa Shoolini Seva Trust Solan. In which 150 students participated. In this camp, Dr. Archit MD Nutritionist Corner University New York delivered a lecture on health and nutrition as a special invited speaker. He gave detailed information to the students about balanced diet, hormone imbalance, cleanliness, health and nutrition, so that they can remain healthy. In this program, famous social worker Suraj Sanu, volunteers of Maa Shoolini Seva Trust Solan Siya Sharma, Prachi Sharma and Rishu supported Dr. Archit. Dr. Lalit Guleria, Dr. Ramesh Kumar from the Department of Chemistry and Professor Ravi Ram from the Department of Physical Education actively participated in this awareness camp. Principal of the college, Dr. Rita Sharma appreciated this initiative and appealed to the students to follow these nutrition and health related suggestions and stay away from intoxicants.

राजकीय महाविद्यालय सोलन मे स्वास्थ्य और पोषण पर शिविर का आयोजन

3 days ago Nationspeaks (<https://nationspeaks.in/author/nationspeaks/>)



31 अगस्त 2024 को केमिस्ट्री क्लब लेवोजियर व शारिरिक शिक्षा विभाग ने माँ शूलीनी सेवा ट्रस्ट सोलन के सहयोग से एक जागरूकता शिविर का आयोजन किया। जिसमें 150 विद्यार्थियों ने भाग लिया। इस शिविर में डॉ. अर्चित एमडी न्यूट्रिशनलिस्ट कॉर्नर यूनिवर्सिटी

<https://nationspeaks.in/health-and-nutrition-awareness-camp-organized-in-gdc-solan/>

- 2) On the occasion of National Space Day celebrations, Government College Solan performed brilliantly in the quiz competition organized by HIMCOSTE on August 22, 2024 at the

Center for Science Learning and Creativity Anandpur Shogi. The proposed theme for the National Space Day-2024 is "Touching Lives while Touching the Moon: India's Space Saga". Students from major colleges of the state, Rajkiya Kanya Mahavidyalaya Shimla, Centre of Excellence Sanjauli, Rajiv Gandhi Government Degree College Kotshera Shimla, St. Bede's College, Government College Solan, Shoolini University, Jay Pee University participated in this competition. In which the team of Government College, Solan secured third place. Under the dynamic leadership of Dr. Ramesh Kumar, Assistant Professor, Chemistry Department, and Dr. Rajkumar Sharma, 10 students have participated in this event.

In the quiz competition, Shaili Sharma and Aditya Kaushal, who are pursuing B.Sc. 3rd Year has brought laurels to the college. College Principal Dr. Rita Sharma congratulated the students for this achievement and wished them a bright future. All participating students visited the science centre hereafter.

The objective of this event is to engage & inspire the youth of the nation towards Space Technology and its applications.

न्यूज़ ब्रीफ

राजकीय महाविद्यालय ने जीता तीसरा स्थान



सोलन (अग्रस)। राष्ट्रीय अंतरिक्ष दिवस समारोह के अवसर पर, HIMCOSTE द्वारा सेंटर फॉर साइंस लर्निंग एंड क्रिएटिविटी आनंदपुर शोगी में आयोजित प्रश्नोत्तरी प्रतियोगिता में राजकीय महाविद्यालय सोलन ने शानदार प्रदर्शन किया। इस प्रतियोगिता में राज्य के प्रमुख महाविद्यालयों राजकीय कन्या महाविद्यालय, संजीली कॉलेज, डिग्री कॉलेज कोटशेरा, सेंट बीड्स कॉलेज, गवर्नमेंट कॉलेज सोलन, शूलिनी यूनिवर्सिटी और जेपी यूनिवर्सिटी के छत्र छात्राओं ने भाग लिया। इसमें राजकीय महाविद्यालय सोलन की टीम ने तीसरा स्थान हासिल किया। राजकीय महाविद्यालय सोलन के सहायक प्रोफेसर डॉ. रमेश कुमार रसायन विभाग एवं डॉ. राजकुमार शर्मा के नेतृत्व में 10 छात्र छात्राओं ने इस कार्यक्रम में भाग लिया। प्रश्नोत्तरी प्रतियोगिता में शैली शर्मा और आदित्य कौशल, जो कि बीएससी तृतीय वर्ष के छात्र हैं, ने महाविद्यालय का नाम रोशन किया। इस उपलब्धि के लिए महाविद्यालय की प्राचार्या डॉ. सीटा शर्मा ने छात्रों को बधाई दी और उनके उच्चल भविष्य की कामना की।

प्रश्नोत्तरी प्रतियोगिता में सोलन कॉलेज तीसरे स्थान पर

सोलन। राष्ट्रीय अंतरिक्ष दिवस समारोह के अवसर पर हिमकोस्टे द्वारा सेंटर फॉर साइंस लर्निंग एंड क्रिएटिविटी आनंदपुर शोगी में आयोजित प्रश्नोत्तरी प्रतियोगिता में राजकीय महाविद्यालय सोलन ने शानदार प्रदर्शन किया।

प्रतियोगिता में राज्य के प्रमुख महाविद्यालयों राजकीय कन्या महाविद्यालय, संजीली कॉलेज, डिग्री कॉलेज कोटशेरा, सेंट बीड्स कॉलेज, गवर्नमेंट कॉलेज सोलन, शूलिनी यूनिवर्सिटी और जेपी यूनिवर्सिटी के छात्र छात्राओं ने भाग लिया। इसमें राजकीय महाविद्यालय सोलन की टीम ने तीसरा स्थान हासिल किया।

सहायक प्रोफेसर डॉ. रमेश कुमार रसायन विभाग एवं डॉ. राजकुमार शर्मा के नेतृत्व में 10 छात्र छात्राओं ने कार्यक्रम में भाग लिया।

प्रश्नोत्तरी प्रतियोगिता में शैली शर्मा और आदित्य कौशल, जो कि बीएससी तृतीय वर्ष के छात्र हैं, ने महाविद्यालय का नाम रोशन किया। इस उपलब्धि के लिए महाविद्यालय की प्राचार्या डॉ. सीटा शर्मा ने छात्रों को बधाई दी और उनके उच्चल भविष्य की कामना की।

राष्ट्रीय अंतरिक्ष दिवस पर हुई प्रतियोगिताएं

सोलन। राजकीय परियोजनात्मक विद्यालय समारोह में विभिन्न प्रतियोगिताओं का आयोजन किया गया। जिसमें भाषण, प्रश्नोत्तरी और कक्षा प्रतियोगिताएं आयोजित की गईं। इन प्रतियोगिताओं के माध्यम से बच्चों के अंदर विद्यालय तथा विद्यालय पर अंतरिक्ष विद्यालय के प्रति रुचि तथा ज्ञान में वृद्धि का अवसर प्राप्त हुआ। शिक्षक विभाग के निर्देशानुसार प्रत्येक छात्र ने इन स्पर्धाओं में हिस्सा लिया।

राष्ट्रीय अंतरिक्ष दिवस पर आयोजित हुई थी प्रतियोगिता

इस उपलब्धि के लिए महाविद्यालय की प्राचार्या डॉ. सीटा शर्मा ने छात्रों को बधाई दी और उनके उच्चल भविष्य की कामना की।

स्कूल में चित्रकला से अंतरिक्ष का महत्व

आज के विद्यार्थियों के साथ सवाल है। राष्ट्रीय अंतरिक्ष दिवस पर अपने पढ़ाई से दसवीं कक्षा के सभी विद्यार्थियों ने भाग लिया। शिक्षालय के मुख्य अध्यापक शैली शर्मा ने बताया कि आज का दिवस आने वाले विद्यार्थियों के साथ सवाल है। राष्ट्रीय अंतरिक्ष दिवस पर अपने पढ़ाई से दसवीं कक्षा के सभी विद्यार्थियों ने भाग लिया। शिक्षालय के मुख्य अध्यापक शैली शर्मा ने बताया कि आज का दिवस आने वाले विद्यार्थियों के साथ सवाल है।



- 3) Today on 25th September 2024, a one day educational tour of Shoolini University was organized by Lavoisier Club of Government College Solan for B.Sc. II and III year students. 60 students participated in this tour. The aim of this educational tour was to familiarize the students with scientific research and latest technological equipment. Dr. A.V. Nidhi, Dr. Ramesh Kashyap and Dr. Rajkumar also participated in the tour along with the students and enriched the learning experience of the student

During the tour, the students visited various laboratories of Shoolini University, where they got information about the functioning of advanced scientific equipment. The students were given practical information about the operation of various equipment and their use, which developed their scientific attitude and knowledge. The students saw many major scientific instruments and understood how they are helpful in research work.

The research team of Shoolini University addressed the students on this occasion and told them how the university is moving towards effective research results. They discussed various aspects of the University's research and made the students aware of how scientific and technological advancements can be made through research. The team motivated the

students towards research and inspired them to adopt research as an important dimension in their future studies.

The visit was jointly organized by the Research and Development Cell of Shoolini University and Government College Solan. Shoolini University sponsored and facilitated the visit, which enabled the students to experience advanced laboratories and equipment.

The students found the visit highly inspiring and informative. They took special advantage of spending time with the advanced research environment and resources of Shoolini University. The students not only learned about various technical equipment under the guidance of their teachers, but also understood the important methods and working style of research.

Dr. A.V. Nidhi, Dr. Ramesh Kashyap and Dr. Rajkumar motivated the students to pursue a career in the field of research and advised them to make continuous efforts towards research. This collaborative effort between Shoolini University and Government College Solan provided a valuable educational opportunity to the students, enhancing their academic and research skills.

The visit proved to be a valuable educational experience for the students and added a new dimension to their scientific thinking and outlook.

NO.EDN-GC SOLAN (RELEIVING)/2024-508-09
OFFICE OF THE PRINCIPAL
GOVT. COLLEGE SOLAN
DISTRICT SOLAN H.P

DATED: 24.09.2024

OFFICE ORDER

With reference to email dated 24.09.2024 of Mr. Naman Sharma, Shoolini University Solan regarding invitation for campus visit to Shoolini University on 25th Sep., 2024, following officials of this college are hereby accompany the **science students** to visit Shoolini University on 25th Sept., 2024.

Sr. No.	Name of Official	Designation
1.	Dr. A.V. Nidhi	Associate Professor
2.	Dr. Ramesh Kumar	Assistant Professor
3.	Dr. RajKumar Sharma	Inst. Mech

sat
Principal
Govt. College Solan
Solan, Distt. Solan

Endst. No. Even Dated Solan the 24.09.2024

Copy to:-

1. The Shoolini University Solan H.P.
2. Concerned officials.

dgulain
Principal
Govt. College Solan
Solan, Distt. Solan

Detailed Campus Visit Report

Date of Visit: 25th September 2024

Visiting Group: B.Sc. 2nd & 3rd Year Students (Various Science Streams)

Institution: Government Degree College, Solan

Host Institution: Shoolini University

Number of Students: 39

Faculty Members: 3



Introduction:

On 25th September 2024, 39 students from the 2nd and 3rd-year B.Sc. programs of Government Degree College, Solan, along with three faculty members, Dr. A.V. Nidhi, Dr. Ramesh Kumar and Dr. Rajkumar Sharma visited Shoolini University for an insightful campus tour. The visit aimed to expose the students to advanced research facilities, modern teaching practices, and career development opportunities offered at Shoolini University.

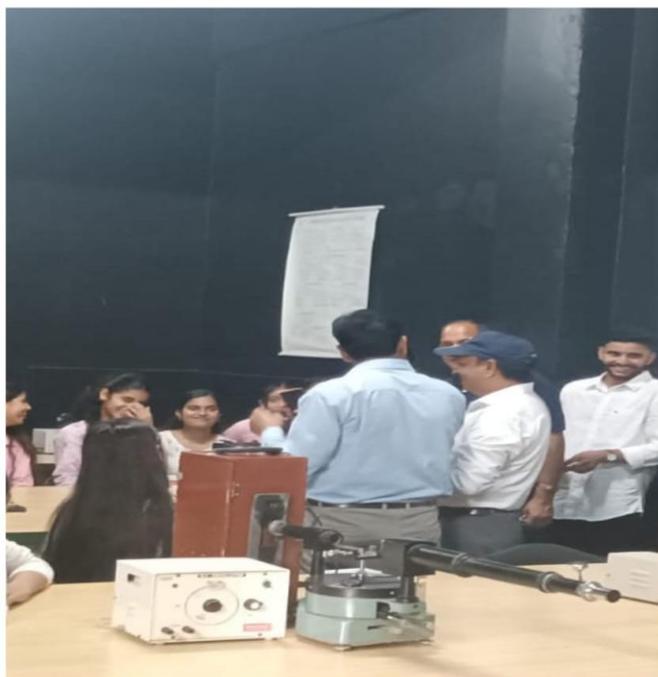


Arrival and Welcome:

The group was warmly received at the entrance of Shoolini University by a team of student coordinators and university staff. The event commenced with a brief orientation session held in the university's main auditorium. The Director of Student Affairs welcomed the visiting group and provided an overview of the university's academic strengths, innovation in research, and commitment to sustainability.

Dark Room:

The students had the chance to explore the university's advanced Dark Room facility, which is primarily used for precision-based research in optics and imaging. The Dark Room is equipped with specialized instruments for experiments requiring controlled lighting conditions, such as spectroscopy, laser-based studies, and optical microscopy. Faculty members explained how the absence of external light interference allows for highly accurate measurements and the study of phenomena like diffraction, polarization, and interference. The students were fascinated by the practical applications of optical physics being demonstrated, which included projects on holography and fiber optics. This facility provided them with a deeper understanding of how controlled environments are essential for cutting-edge research in physics and engineering.



Workshop on Research and Innovation:

A specialized workshop on "Research and Innovation in Science" was conducted in the afternoon by Shoolini University's faculty. The session aimed to inspire B.Sc. students to pursue research-based careers. Topics covered included recent advancements in scientific research, innovative projects at the university, and tips for developing a research-oriented mindset.

Students also had the chance to explore the university's cutting-edge Artificial Intelligence (AI) Lab. The lab is designed to foster innovation and research in AI and machine learning, featuring advanced computing systems, AI simulation software, and a collaborative environment for interdisciplinary research. Students observed ongoing projects in areas such as natural language processing, robotics, and AI-driven healthcare solutions. In addition, they toured the modern, technology-enhanced classrooms, which are equipped with interactive smart boards and digital learning platforms. Faculty members demonstrated how AI concepts are integrated into the curriculum, emphasizing hands-on learning, problem-solving, and real-world applications. The visit offered students a glimpse into the rapidly evolving world of AI and its potential to shape the future of science and technology.



During the campus visit, the students from Government Degree College, Solan, had the opportunity to explore Shoolini University's state-of-the-art Nanotechnology Lab. The lab is equipped with cutting-edge instruments such as Scanning Electron Microscopes (SEM), Atomic Force Microscopes (AFM), and X-ray diffraction systems, allowing for high-precision research at the nanoscale. The students were introduced to ongoing research projects focused on developing nanomaterials for applications in medicine, energy, and environmental sustainability. Faculty members explained how nanotechnology can revolutionize industries by enhancing product durability, efficiency, and performance. The lab tour provided students with practical insights into the future of nanotechnology and its transformative potential across various scientific fields.



Yogananda Library: As part of their visit to Shoolini University, the students from Government Degree College, Solan, explored the renowned Yogananda Library, a hub of knowledge that combines vast physical collections with cutting-edge digital resources. The library, known for its extensive academic journals, e-books, and research databases, is now accessible to the students of Government Degree College through a recently signed Memorandum of Understanding (MoU) between the two institutions. This partnership sets the stage for academic collaboration, providing the students not only access to the library's valuable resources but also to the university's advanced laboratories. During the tour, the students were introduced to the seamless digital systems in place, enabling them to utilize the library's resources remotely. This collaboration offers a unique opportunity for enhanced learning, research, and skill development, marking the beginning of an incredible academic partnership.



Overall Experience: The visit to Shoolini University was a resounding success. The students from Government Degree College, Solan, left with a greater understanding of the various academic and research opportunities available to them in higher education. The exposure to cutting-edge research, sustainability practices, and student life at Shoolini University made a lasting impact on the visiting group.