



Centre of Excellence Govt. College Sanjauli, Shimla

International Conference

RECENT ADVANCES IN MATERIALS & BIOLOGICAL SCIENCES

November 19-20, 2024

Organized
by

Department of Sciences
Centre of Excellence Govt. College
Sanjauli Shimla

in

Collaboration with DBT
Ministry of Science and Technology
Govt. of India



Under DBT-Star College Scheme

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Principal, COE, Govt. College Sanjauli

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Dean of Sciences, COE, Govt. College Sanjauli

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Head, Dept. of Zoology, COE, GC Sanjauli

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Coordinator DBT-Star College Scheme
Dept. of Physics, COE, Govt. College Sanjauli

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ADVISORS

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Programme Officer & Head, Star College Scheme,
Ministry of Science & Technology,
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Dr. Virender Pratap Singh, Dept. of Physics, GC Hamirpur

Dr. Vikas Nathan, Dept. of Chemistry, GC Theog

Dr. Rohit Jasrotia, Shoolini University, Solan

INVITED SPEAKERS



Dr. Bhuvanesh Gupta
Professor
Department of Textile
Technology, IIT Delhi



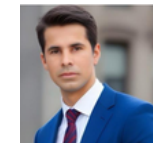
Dr. Khalid Batoo
Professor
King Saud University



Dr. Dinesh Pathak
Head, Deptt. of Physics,
University of West Indies,
St Augustine Campus, Trinidad



Dr. Ravi Kumar
Professor, Dept. of Material
Science and Engineering.
NIT, Hamirpur



Dr. B.S. Malik
SRF, Dept. of Agriculture, Entomology
& Pest control, Northwest Agriculture
and forestry university, Xian, China



Dr Himanshu Ojha
Scientist F, Institute of Nuclear
Medicine and Allied Sciences,
DRDO, New Delhi



Dr. Sanjeev K. Thakur
Professor
Department of Botany
Central University, Panjab



ABOUT COLLEGE

Aaroh Tamso Jyoti—"May we rise from darkness to light," symbolizes the journey from ignorance to knowledge, which is the guiding principle of the Centre of Excellence at Government College, Sanjauli, Shimla-6. This motto invites reflection on the institution's commitment to value-based education. Established as Shimla's first Degree College on July 1, 1969, the institution holds a unique distinction. In 2006, it was honored with the status of "Centre of Excellence" by the Government of Himachal Pradesh. In 2023, the college achieved an 'A+' grade from NAAC, becoming the first government college to receive this prestigious accreditation. Moreover, in January 2023, the college secured funding under the esteemed DBT Star College Scheme by ministry of science & technology, Govt. of India. Located just 2 km from The Ridge, it is easily accessible from Sanjauli, Lakkar Bazaar, and Circular Road. Nestled in an urban forest surrounded by lush cedar and oak trees, the college offers an inspiring setting for both academic and creative pursuits.

CONCEPT

The Centre of Excellence, Government College Sanjauli, Himachal Pradesh, is pleased to announce an International Conference to be held on November 19-20, 2024, under the auspices of the DBT Star College Scheme. This significant event aims to bring together scholars, researchers, practitioners, and industry leaders from around the globe to engage in a stimulating exchange of ideas, research findings, and innovative applications. Participants will also have the opportunity to build international collaborations and partnerships for future projects.

OBJECTIVES

- To provide a multidisciplinary platform for discussions on contemporary research and advancements across various scientific domains.
- To facilitate the sharing of innovative approaches and new research methodologies.
- To highlight practical applications of scientific advancements in different fields.
- To foster collaboration between academic institutions, research centers, and industries.

THEMES OF THE CONFERENCE

Material Science Biological Sciences
Chemical Sciences Environmental and Earth Sciences
Physical Sciences Computer science and Mathematical Sciences

SUB THEMES OF THE CONFERENCE

- Nanomaterials and Nanotechnology
- Nuclear Astrophysics
- Recent trends and emerging technologies in plant sciences.
- Plant science in human and planetary health
- Chemistry in Medicine and nanomaterials.
- Innovations and recent trends in Chemical sciences
- Unveiling the synergy between zoology and technology
- Pollinator decline and ecosystem health
- Artificial Intelligence and Machine Learning
- Cybersecurity and Data Privacy

IMPORTANT DATES/DEADLINES

Last date for submission of abstracts **5 November, 2024**
Acceptance of abstracts **7 November, 2024**
Registration for accepted abstracts **8 November, 2024**
Last date for online fee submission **10 November, 2024**

Guidelines for submission:

- The abstract should not exceed 300 words, and the full length paper should not be less than 3000 words typed in Times New Roman font size 12 points with double spacing.
- The title of the paper should be in upper case centred and bold with font size 14 points.
- Author(s) name and affiliation(s), centred with font size 11 points. Author's address and email are mandatory.
- All submissions should be in MS word only.

The abstract should be sent in the desired format through Google Form Link:

<https://forms.gle/fL9E7Mu7a9o6rtWDA>

REGISTRATION INFORMATION

SUBMISSION OF REGISTRATION FEE

A/c No. 169801504635, ICICI Bank, Sanjauli Branch, Shimla, HP . IFSC code: ICIC0001698

Mail the receipt to:

dbtstarcollegeschemegcsanjauli@gmail.com

REGISTRATION FEE

Participants	Indian delegates (INR)	Foreign delegates(USD)
Academician	₹1000	\$100
Research Scholars	₹800	\$50
Industry personals	₹2000	\$200
On spot Registration	₹1500	\$300

The conference proceedings are proposed to be published with an ISBN/ISSN

AWARDS

1. Best Paper Presentation
2. Best Poster Presentation

SCIENCE PROJECT DISPLAY

On the second day of the conference, a project display will be held. Interested students from District Shimla are invited to showcase their working science projects between 9:00 AM and 12:00 PM on November 20, 2024. An Innovation Award 2024 will be presented for the best working science project.

The eligibility criteria are as follows:

1. Students from Classes 10, 11, and 12
2. Students must present school-issued ID cards or participation letters duly signed by the school principal
3. Projects should be innovative and functional
4. Projects must be related to the field of science

Awards and Certificates:

1. **Innovation Award 2024 with a cash prize of ₹3000**
2. **First Runner-Up: ₹2000**
3. **Second Runner-Up: ₹1000**

All participants will receive a certificate of participation.

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