

About Sunbeam College for Women

Sunbeam College for Women, located in Bhagwanpur, Varanasi, is a distinguished Post Graduate Autonomous College with an esteemed NAAC Grade "A" accreditation. Established in 2000, the college is affiliated with Mahatma Gandhi Kashi Vidyapeeth in Varanasi. Its foundation was laid to fulfill the crucial need for an English medium college exclusively for girls in the region. The college's strategic location, merely 7.5 km from Varanasi Cantt. Station, offers convenience to its students. The institution is dedicated to providing a nurturing environment that stimulates creativity and intellectual growth among its students while also fostering a deep understanding and appreciation of India's rich cultural heritage. With a focus on academic excellence, intellectual development, and cultural enrichment, Sunbeam College for Women instills the values of fortitude, justice, and benevolence in its students. It offers a wide range of Undergraduate and Post Graduate Courses.

About Varanasi

Varanasi, one of the world's oldest continuously inhabited cities, offers a unique backdrop for this conference. The city's ghats, with their centuries-old traditions and spiritual significance, provide a profound contrast to the conference scientific focus, symbolizing the intersection of tradition and innovation. Nearby Sarnath, the site of Buddha's first sermon, represents the quest for knowledge and enlightenment, resonating with the conference aim to advance scientific understanding. By immersing participants in Varanasi's cultural and historical context, the conference underscores the importance of integrating scientific progress with an appreciation of heritage and holistic perspectives.



Organized By

Sunbeam College for Women, Bhagwanpur, Varanasi

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(Sunbeam College for Women (SCW) , BGN, Varanasi)

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Sunbeam College for Women
BHAGWANPUR, VARANASI-221005 (U.P.)

Autonomous Post Graduate College | Accredited 'A' Grade by NAAC

National Conference on Conference on

FRONTIERS IN SCIENCE & SUSTAINABILITY: INNOVATIONS IN RESEARCH FOR VIKSIT BHARAT

10th -11th March, 2025



✉ Seminar_fss@sunbeamcollege.com

🌐 <http://www.sunbeamcollege.com>



Sunbeam College for Women

Bhagwanpur, Varanasi

221005, U.P., India

Invitation

Sunbeam College for Women, Bhagwanpur, Varanasi is proud to host a two-day National Conference on "Frontiers in Science and Sustainability: Innovations in Research for Viksit Bharat". We are excited to welcome leading researchers, academics, and industry professionals to this distinguished event. The conference will focus on the latest advancements and innovative applications across chemical, biological, environmental, and agricultural sciences. Attendees will delve into cutting-edge research, discuss future prospects, and share insights that are shaping these vital fields. This conference aims to foster dialogue and collaboration, providing a platform to explore groundbreaking research and practical solutions that address contemporary scientific challenges and contribute to societal progress.

ABOUT THE CONFERENCE

At this conference, we aim to shed light on the latest advancements and discoveries in the field of Life Sciences, Environment and Agriculture Sustainability, Chemical and Physical Sciences. Life Sciences encompasses extensive research in biology, microbiology, genetics, and biotechnology highlighting innovations transforming fields such as ecology, agriculture and medicine. Environment and Agriculture Sustainability focuses on enhancing the sustainability of agricultural and ecological systems through novel research, addressing critical issues like ecosystem management, resource conservation and sustainable farming practices. Chemical Sciences subject examines advancements in chemistry, material science, and industry showcasing creativity in material development and recent findings in chemical synthesis and analysis. Physical Sciences provide an opportunity for researchers and professionals to highlight their achievements and innovations focusing on key areas within atomic, molecular and optical physics. The objective of the conference is to convene eminent scientists and researchers to exchange innovative ideas and foster collaborations across government, industry and academia with discussions spanning areas from various disciplines of science.

Broad Theme Areas of National Conference

Life Sciences	Environment and Agriculture Sustainability
Fundamental Processes in Biology: Research on the core biological mechanisms and functions of living organisms.	Sustainable Resource Management: Innovative approaches to conserving natural resources and managing ecosystems for long-term sustainability.
Microbial Interactions and Ecosystem Dynamics: Studies on the role of microorganisms in ecosystems and their interactions with other organisms.	Soil Health and Water Management: Strategies for maintaining soil fertility and efficient water use in agricultural practices.
Genetic and Molecular Bases of Life: Advances in understanding genetic structures, molecular processes and their implications for health and disease.	Climate Resilience: Research on enhancing resilience to climate change and its impacts on agriculture and ecosystems.
Biotechnological Innovations: Developments in biotechnological tools and applications impacting medicine, agriculture and environmental science.	Biodiversity and Agricultural Practices: The effects of agricultural practices on biodiversity and strategies to integrate environmental stewardship with agricultural productivity.
Chemical Sciences	Physical Sciences
Advances in Chemical Synthesis	Quantum Mechanics and Condensed Matter Physics
Material Science and Nanotechnology	Glass Science
Computational Sciences	Environmental and Space Physics
Role of Chemistry on Technological and Societal Impact	Astrophysics and Cosmology

PARTICIPATION

The conference is open to all those who are interested in the area of Life Sciences, Environment and Agriculture Sustainability, Chemical and Physical Sciences. The scientists, economists, social scientists, faculty members, research scholars, and students from Universities/Institutions, persons working with NGO's, and individuals are eligible to participate.

SUBMISSION OF ABSTRACTS/PAPERS

Abstracts of unpublished research/talk related to any one of the thematic areas are invited for oral/poster presentation. Best oral & poster presentation will be awarded. Abstracts should be typed in MS word in about 250 words excluding the title, affiliation etc. The name of the presenting author should be underlined in the abstract. The abstract will be accepted only if the presenting author is registered. The abstract along with duly filled registration form must be submitted to organizing secretary by February 5th, 2025 through e-mail and /or online submission. Further details are available at website www.sunbeamcollege.com. In order to register for the conference, registration form given in the link with this brochure may be filled and submitted with the registration fee through online payment in favour of Principal, Sunbeam College for Women, Bhagwanpur.

SUBMISSION DEADLINE

5 February, 2025 Submission
Email: Seminar_fss@sunbeamcollege.com
Registration Fee: Students: Rs. 500/-
Research Scholars: Rs. 1000/-
Faculty Members/ Scientists: Rs. 2000/-
Professionals: Rs. 3000/-

Registration Link:
<https://forms.gle/cgyTzq6GFoa78dd5A>

ACCOMMODATION

Delegates requiring accommodation are advised to give prior information so that necessary arrangements may be made. Many budget hotels are available near Ghats and BHU area. However, on request accommodation may be booked on payment basis with the tariff ranging from 1200.00 to 5000.00.

FOR MORE INFORMATION CONTACT US

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