



HINDU COLLEGE, AMRITSAR

In association with

Punjab Pollution Control Board (PPCB)
Organizes
One Day International Conference

Innovative Strategies for Sustainable Resource Management: Preserving Environmental Quality and Utilizing Agriculture Residue

Date: 22nd March (Saturday), 2025

Hybrid Mode
(Both offline & online mode)



Organized by
Department of Sciences
HINDU COLLEGE, AMRITSAR, PUNJAB
Accredited 'A' Grade by NAAC
Time: 10:00 A.M. onwards
Venue: Main Auditorium



About the College

Hindu College, Amritsar, is a prestigious educational institution located in Amritsar, Punjab, India. Established in 1924 during the British colonial era, it is among the oldest colleges in the region, with a legacy of 100 years rooted in academic excellence. The college emerged to fulfill the rising demand for modern education among the Indian population and has remained dedicated to holistic and inclusive education.

Hindu College has consistently nurtured young minds, transforming them into leaders, thinkers, and change-makers. Renowned for its commitment to quality education across diverse disciplines, the college also prioritizes the holistic development of its students through cultural, social, and extracurricular activities. Accredited with an "A" grade by NAAC, Hindu College's illustrious alumni include Hon'ble Prime Minister of India, Dr. Manmohan Singh; First Field Marshal, Sir S. F. H. J. Manekshaw; Union Cabinet Minister for Law and Justice, Justice H. R. Khanna; Padma

Vibhushan Sh. Maharaj Krishan Rasgotra, Indian Foreign Secretary, Sh. Satinder Kumar Lambah; Cricketer, S. Bishan Singh Bedi; and renowned comedian, Sh. Kapil Sharma. These individuals have not only brought glory to their alma mater but also elevated the college and country on the global stage.

It's rich history is deeply intertwined with the cultural and educational evolution of Amritsar and the surrounding region. As a beacon of knowledge, progress, and social change, it continues to significantly impact Punjab's educational and cultural fabric.

The college's mission is to deliver quality education while fostering self-reliance and civic responsibility among students. Through innovative and collaborative efforts, Hindu College aims to inspire meaningful action for tackling global challenges, ensuring a resilient future that harmonizes human development and ecological integrity. This vision reflects the conference's theme of aligning technological advancements with sustainable practices for a better quality of life and a healthier planet.

About the Department

The Department of Sciences is renowned for its academic excellence and innovative research. It offers undergraduate programs in disciplines such as Chemistry, Physics, Mathematics, Botany, and Zoology. Equipped with state-of-the-art laboratories and highly qualified faculty, the department fosters a spirit of inquiry and critical

thinking. Students benefit from interactive teaching methods, research opportunities, and exposure to co-curricular activities like seminars and workshops, making it a hub for aspiring scientists.

About the Conference

The theme of the conference, "Innovative Strategies for Sustainable Resource Management: Preserving Environmental Quality and Utilizing Agriculture Residue," calls for an integrated approach to addressing the growing environmental and climate change challenges of our time. As humanity faces unprecedented issues such as climate change, resource depletion, biodiversity loss, and pollution, the need for sustainable solutions has never been more critical. This theme emphasizes the importance of envisioning a future where economic growth, technological advancements, and social progress coexist in harmony with the nature. It highlights the necessity of innovative solutions, including renewable energy technologies, circular economy models, and green infrastructure, to create systems that reduce environmental impact while promoting growth.

A key aspect of this theme is the role of interdisciplinary collaboration. Science, technology, policy-making, and social sciences must work in tandem to address complex environmental issues. Technological innovations, such as artificial intelligence in environmental monitoring or biotechnology in waste

management, need to be paired with policies that encourage sustainable practices. Equally vital is the inclusion of local knowledge and community-driven initiatives, ensuring that solutions are practical, inclusive, and equitable.

Ultimately, the conference theme is a call to action. It urges stakeholders across sectors to innovate, collaborate, and strategize effectively to tackle environmental challenges head-on. By aligning technological advancements with sustainable practices and long-term planning, we can create a resilient future that supports both human development and ecological integrity. This vision not only secures the health of the planet but also ensures a better quality of life for all.

Thrust Area of Conference

- 1. Climate Change and Adaptation
- 2. Stubble Management
- 3. Water Conservation and Quality
- 4. Biodiversity Conservation
- 5. Waste Management and Recycling
- 6. Sustainable Land Use
- 7. Renewable Energy and Energy Efficiency
- 8. Environmental Policy and Governance
- 9. Environmental Health and Public Safety
- 10. Natural Resource Management
- 11. Green Technology and Innovation
- 12. Environmental Education and Awareness
- 13. Eco-tourism and Sustainable Travel
- 14. Environmental Justice and Equity
- 15. Global Environmental Challenges
- 16. Air Quality and Pollution Control

IMPORTANT DATES

Last date of Abstract Submission:	1 st March, 2025
Intimation of Acceptance:	07 th March, 2025
Last date of Paper Submission:	14 th March, 2025

Guidelines for Submission

- ❖ The abstract and paper should be shared in MS Word format with the file name < name of the author> on following email id: hcasciences@gmail.com.
- ❖ The participants are requested to register for the Conference by filling up the registration form on the link: <https://forms.gle/vgyxnqns82ovPh5AA>
The following guidelines are to be strictly adhered by the Authors:
 1. The content of the manuscript should be Times New Roman, Font Size 12 and Line Spacing 1.5 and justified.
 2. The Paper must consist of an abstract of maximum 300 words.
 3. The maximum word limit for one Research Paper is approximately 2000 to 2500 words.
 4. The language of paper is English only.
 5. Only those papers that are not published elsewhere or submitted for publication will be accepted.
 6. A submission will not be accepted if it has been plagiarized.
 7. Selected papers will be published in an edited book as a Chapter.
 8. The decision of the screening committee regarding the selection of the paper for publication will be considered final for publication.

Registration Fee

Corporate Delegates	Rs. 750/-
Academician	Rs. 500/-
Research Scholar	Rs. 300/-
Students	Rs. 200/-

Pay Online Payment at the following account number:

Name: Principal Hindu College
Bank Account No.: 50100677455063
Bank Name: HDFC
IFSC Code: HDFC0008615

The Proof of online payment should be submitted along with online registration form.

Chief Patron Sh. Pardeep Mehra Chairman , Hindu College, Governing Council	Patron Sh. R.K. Gupta Secretary, Hindu College, Governing Council
Conference Co- Patron Dr. Rakesh Joshi Director, Hindu College, Amritsar	Conference Chairman Sh. Sanjay Khanna Offg. Principal, Hindu College, Amritsar
Conference Co-Chairman Dr. Vijay Kumar Registrar, Hindu College, Amritsar	Conference Convener Dr. Vishu Mehra Head, Department of Chemistry

Key-Note Speaker

Mr. Kahan Singh Pannu

Ex- IAS, Former Secretary, Agriculture Punjab

Executive Committee

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- Dr. Jaswinder Singh (Head Post Graduate Department of Zoology, Khalsa College, Amritsar)

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