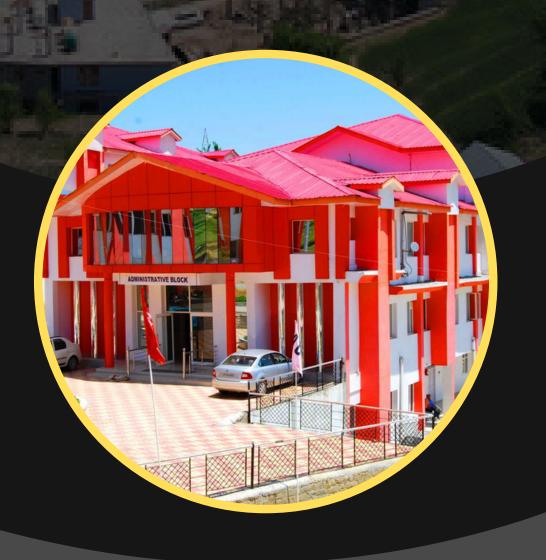




1st International Conference Future Strategies for Sustainable Agriculture and Technology Impact on Human Health and Environment

(FSATIHE) 1-3 March, 2024







ORGANIZED BY

Abhilashi University, Chail Chowk, Distt. Mandi, Himachal Pradesh in association with the Society for the Advancement of Agricultural, Horticultural and Allied Science (SAAHAS), Kurukshetra, Haryana

1 - 3 March 2024

start from 10 AM - 5 PM

Venue: Abhilashi University, Chail Chowk, DIstt. Mandi, Himachal Pradesh, India

Register Now!



Register at: www.saahas.info

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Abhilashi Educational Society, Ner Chowk was established on 21 May, 2001 by Late Sh. T.R. Abhilashi ji who was a great visionary and socialist. Abhilashi Group of Institutions, Ner Chowk, Distt. Mandi H.P., managed by Abhilashi Educational society and Genius Educational Society is the top private technological institution in the state of Himachal Pradesh. The Group has successfully achieved many mile stones in varied fields of Education by establishing several educational institutions namely T. R. Abhilashi Memorial Institute of Engg. & Technology, Abhilashi College of Education, Abhilashi Institute of Management Studies, Abhilashi College of Pharmacy, Abhilashi P.G. Institute of Sciences, Genius International Public School (Affiliated to CBSE, New Delhi), Chail Public School, Chailchowk (Affiliated to CBSE, New Delhi), Abhilashi College of Nursing and a world class Abhilashi University, Chail Chowk, Distt. Mandi. These aforesaid institutions have produced brilliant results during previous years and the students of these institutions / Colleges have achieved a number of ranks in first top ten positions in examinations of H.P. University, Shimla, SPU, Mandi, H.P. Technical University, Hamirpur, AMRU, Nerchowk, H.P. Takniki Shiksha Board, Dharamshala and CBSE, New Delhi.

The Abhilashi University located at Chail Chowk of District Mandi established in 2014, approved by UGC and all relevant regulatory bodies, is now the most preferred destination of students for their higher education studies. There are more than 40 technical and professional courses available in Abhilashi University.

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The Society for the Advancement of Agricultural, Horticultural, and Allied Science (SAAHAS) operates as an independent research and educational institution officially is registered under Section 9(1) of the Haryana Registration and Regulation of Societies Act, 2012, with registration number 01093. SAAHAS is also registered with the Ministry of Micro, Small and Medium Enterprises (MSME) with the government of India under Registration No. UDYAM-HR-11-0028488. This organization focuses on scientific and educational pursuits in the areas of agriculture, the environment, and the well-being of farmers, all aimed at fostering sustainable development. It serves as a unique platform for scientists, academics, researchers, and policymakers to exchange ideas, promote research, and enhance knowledge.





REGISTERED FROM





Invitation

Welcome to 1st International Conference on "Strategies for Sustainable Agriculture and Technology Impact on Human Health and Environment (FSATIHE)" that will be organized by Abhilashi University, Chail Chowk, Distt. Mandi, Himachal Pradesh, **India** in association with the Society for the Advancement of Agricultural, Horticultural and Allied Science (SAAHAS), Kurukshetra, Haryana, **India** on **1-3 March, 2024.**

The Organizing Committee of the Conference takes this privilege to invite scientists, researchers, academicians of national and international repute, professionals, research scholars, NGOs, social and extension workers, students, corporate, entrepreneurs, farmers, and others who are actively involved in Research and Development practices related to agricultural and applied sciences. The major objective of the conference is to provide a unified global platform representing multiple disciplines to share and discuss their experiences, research findings, and developmental activities in agricultural and applied sciences align to development of agriculture with other complimentary disciplines.

ABOUT THE INTERNATIONAL CONFERENCE

After independence, the government had to increase food production and ensure self-sufficiency in food through input-intensive green revolution. India was 2nd largest populated nation as compared to other nations and surpassed China in this year 2023. As per the economic survey 2022-23, 65 percent of its population lives in the rural areas and 47 percent of the population is dependent on agriculture for their livelihood with the presence of second largest global arable land (159.7 million hectares) and 15 major climates, the country is the world's leading producer of many condiments-spices, pulses, fruits, vegetables and other cash crops. Although the agriculture sector's share to GDP has been steadily decreasing from 59 percent in 1950-51 to 34.9 percent in 1990-91 and further 20.2 percent in 2020-21, which is still significantly higher than the global averages which is only 3.27 percent to the world's gross domestic product /GDP (World Bank, 2018) The share will be higher if we extend this to the food and other agro-processing value chains. It was estimated that one percent increase in agricultural output tends to increase both the industrial output and national income by 0.5 percent and 0.7 percent, respectively. The share of agricultural sector to gross value addition was estimated 14.6 percent in 2018-19. Therefore, despite a declining share of agriculture to GDP growth and employment generation, the sector remains important to the Indian economy. The country has achieved self-sufficiency in food, the problem of poverty, hunger, malnutrition, health and environment still persists in India and the real income of the farmer has declined. Agriculture growth is the key to sustainable development to some extend as it reduces poverty by raising farm income, generating employment and stimulating the non-farm economy. Therefore, the three major challenges feeding a growing population providing a decent livestock and protecting natural resource a base should be tackled together if we are to make agricultural development sustainable. This calls for adoption of a new strategy evolved around scaling of technologies and innovations through an enabling policy environment and better governance. The new strategy should promote new agriculture on the principles of efficiency, equality and ecology, innovative institutions. The green, white, yellow and blue revolution promote economic growth while assuring social fairness, created employment, reduced poverty, improved resource use efficiency. But, the technologies we used are not always sustainable to agriculture, consonant to human health and environment. There is a need to think the growth strategies for future based on their impact on environment sustainability and availability of resources particularly to poor and vulnerable groups. The agricultural sectors in India is imperative for attaining the sustainable goals since it employs more than one third of the world's small scale farmers who accounts for the great majority of the nation's furnished, malnourished and destitute. Agriculture is essential for securing the country food security and nutrition in consonance with the agro-ecological condition. Considering the future demands of food and raw materials and the substantial condition of agricultural sector in the country, the major challenge before us is to identify ways to enhance productivity while keeping the sustainable growth. Agricultural growth should not just focus on increasing output, but also on addressing associated economic environmental and social concerns. The environmental pressures due to agricultural growth will end to rise more in future and these should be addressed technology change, policy reforms and suitable institutional responses. The future strategies require transformation rather than sustaining the agricultural sector with an emphasis towards achieving efficiency rather than growth, employment generation, nutritional security, management of surplus food and its equitable distribution. Keeping, the above things into consideration the present conference will cover broad areas like sources of agricultural growth and instability, crop and livelihood diversification regional evidence on sustainability of production system, climate change impacts, climate resilience and vulnerability of agricultural systems, adoption of sustainable agricultural growth with enhanced farm income. Some major policy interventions also needed towards human health like nutritional security especially in case of anemic women and children

The 1st International Conference on "Sustainable Agriculture Strategies and Their Impact on Human Health and the Environment (FSATIHE)" has been meticulously crafted to concentrate on a multitude of scientific themes that encompass substantial research domains, with a primary emphasis on Climate Change: Issues and Remediation. This conference aspires to unite the international scientific fraternity, governmental decision-makers, administrative figures, industry delegates, and various interested parties to engage in comprehensive deliberations addressing the pressing matters concerning the ongoing global agricultural crisis. It seeks to explore innovative solutions for sustainable agriculture that not only address climate change challenges but also have a positive impact on human health and the environment.

I. Presentations during Conference

Lead Paper Presentations/Invited Talk

This section will showcase a diverse range of topics explored during the conference. Our dedicated Technical Committee will select 2-3 speakers for each theme. Each speaker will have a 15-minute slot, followed by an interactive discussion session. We kindly request our esteemed keynote speakers to furnish comprehensive 3-4 pages summaries of their presentations. These summaries will be included in the official congress proceedings, ensuring that their valuable insights are preserved for a broader audience.

Contributory Paper Presentations

Contributory Oral Presentations: In this segment, authors will have the opportunity to orally present their research papers, which have been submitted for poster presentation. The committee will meticulously select a restricted number of papers based on their subject matter's significance and alignment with the congress sub-themes. Chosen speakers will receive prior notification to prepare for their concise 7-8 minutes presentations.

II. Poster Presentations:

Dedicated "Poster Sessions" will be conducted, encompassing all the conference themes to foster extensive interaction and information exchange. The extended summaries submitted for presentation will be carefully reviewed according to their respective themes. Each poster session will be led by a Chairman and Co-Chairman, while an evaluation panel will assess the posters within each theme. Awards will be presented on the conference's second day based on this evaluation. Furthermore, they will compile and present a summary of the pertinent Poster Session to formulate valuable recommendations.

Exhibition and Advertising:

A comprehensive exhibition will be set up at the conference venue. For inquiries regarding available space and associated costs, please liaise with the Society management members. Additionally, advertising opportunities are open for inclusion in the conference publications.

III. Extended Summary Preparation Guidelines

- -Extended Summary should not exceed 1000 words, excluding illustrations (one) and references. The title should be short, specific, and phrased to identify the content of the article. Headings should be in capital letters.
- -The Extended Summary should be typed in MS-Word using Times New Roman with normal fonts. The font sizes for different parts of the Extended Summary are as follows:
 - Title: 14 points boldAuthors: 12 points
 - Institute name: 11 points italic
 - Content: 11 points

It should include the author(s)' name(s), email ID, and place of work, including the name of the university/organization, state, PIN code, and the country. If the present address of any of the authors is different, it should be provided with a complete address as a footnote.

- -Kindly Mention Name of the Theme in Extended Summary
- -It should include the author(s) name(s), email id and place of work including the name of the university / organization, State, PIN code and the country. In case, the present address of any of the author is different, it should be given with complete address as footnote. The extended summary should begin with brief introduction and objectives, followed by methodology, results, conclusion and references (maximum two) and illustration (one). No heading for introduction is required.
- -All extended summaries of the contributory papers will be published and distributed electronically to registered delegates after the conference, using the email addresses provided during registration.

IV. Abstracts

The abstract should be in English, using MS Word with the following formatting:

- Single spacing
- Font: Times New Roman
- Font size: 12

It should not exceed 350 words. The abstracts must include the title of the paper, the name(s) of the author(s), followed by their affiliation and email address. Please underline the name of the presenting author.

Please submit your abstract by email.

- -Extended summaries that do not adhere to the specified style, format, and guidelines will not be considered for publication.
- -Kindly submit a soft copy of your extended summary in MS-Word format by emailing it to saahasconference@gmail.com
- -Souvenir of the conference will be published with Stella International Publication, Kurukshetra with ISBN Number

<u>Conference Registration Form:</u> https://forms.gle/ieVxoRT31PNr7PeT7 <u>Award Nomination Form:</u> https://forms.gle/Mh6krPGU2gFFavzp7

MAJOR THEMES/SUBTHEMES AND TRACKES OF THE CONFERENCE

The specific sub-themes of the conference are as:

- 1. Enhancing Agricultural Income, Diversification, and Addressing Agricultural Growth Challenges.
 - Market Dynamics and Price Stabilization.
 - Crop Diversification and Income Generation.
 - Technological Advancements in Farming.
- 2. Adapting to Climate Change, Ensuring Resilience, and Implementing Sustainable Agricultural Practices and Policies.
 - Climate-Resilient Agriculture.
 - Water Resource Management in Changing Climates.
 - Policy Frameworks for Climate Adaptation.
- 3. Shaping Future Agricultural Strategies for the Well-being of Humanity and the Environment.
 - Sustainable Farming Practices and Eco-Friendly Agriculture.
 - Circular Agriculture and Waste Management.
 - Policy Innovation for Environmental Sustainability.
- 4. Agri-Tech and Precision Farming: Harnessing Technology for Sustainable Agricultural Development.
 - Precision Irrigation Systems.
 - Remote Sensing and GIS in Agriculture.
 - Autonomous Farm Machinery.
- 5. Biodiversity Conservation and Agroecology: Balancing Food Production with Ecosystem Health.
 - Agroforestry and Habitat Preservation.
 - Sustainable Land Use Practices.
 - Pollinator Conservation in Agriculture.
- 6. Digital Transformation and Agriculture: Innovations for Modern Farming Practices.
 - Smart Farming Technologies.
 - IoT and Data Analytics in Agriculture.
 - E-Agriculture and Rural Connectivity.
- 7. Biotic and abiotic stress management.
 - Pest and Disease Control Methods.
 - Drought and Flood Resilience in Agriculture.
 - Soil Health and Nutrient Management.
- 8. Future strategies for agricultural growth, human health, and the environment.
 - Organic Farming and Sustainable Agriculture.
 - Circular Economy in Agribusiness.
 - Sustainable Supply Chain Management.

9. Sustainable Agriculture and Resource Management:

- Innovative approaches in Scientific and Sustainable Forest Management.
- Innovative approaches in Soil Health, Land Resources, and Land Use Planning and Management.
- Soil and Water Conservation for a Sustainable Agricultural System.
- Modern Aspects of Crop Production Technologies.
- Organic Farming and Residue-Free Production.
- Enhancing Farmers' Income.

10.Diverse Agro-Allied Sectors:

- Sericulture, Apiculture, Forestry, Vermicomposting, Fishery, Mushroom, etc.
- Integrated Nutrient, Weed, Disease, and Pest Management.
- International Perspectives in Animal Health and Animal Husbandry.
- Advances in Dairy Science and Technology for Income Enhancement.
- Traditional and Herbal Medicines in Modern Approaches.
- Scientific Studies and Development in Allied Sectors (Fisheries, Dairy, Poultry, Home Science, etc.).

11. Technological Advancements and Knowledge Transfer:

- Innovation in ITK, ICT, IPR, Smart Agriculture, and Transfer of Technology (TOT) for Farmers.
- Government Policies and Planning fo Sustainable Agricultural Development.
- High-Tech Horticulture, Innovations, Food Processing, and Value Addition.
- Present and Future of Aquaculture.
- Innovation in Agricultural Engineering.
- Agricultural Marketing, Export,
 Entrepreneurship Development, and Agri-Business Opportunities.
- Income Analysis of Production and Marketing of Agri-Enterprise.
- Farm Mechanization and Post-Harvest Technologies for Enhanced Profitability.
- Agribusiness Education, Research, Extension, and Training.

PUBLICATION PARTNERS

Sr. No.	Journal Name	Rating (NAAS), Scopus	Publication Charges		
1.	International Journal of Statistics and Applied Mathematics	NAAS (4.49)	Rs. 4,500		
2.	International Journal of Veterinary Sciences and Animal Husbandry	NAAS (4.61)	Rs. 3,500		
3.	International Journal of Biochemistry Research & Review	NAAS (4.85)	Rs. 6,000		
4.	International Journal of Agricultural Extension & Social Development	NAAS (5.04)	Rs. 6,500		
5.	Ecology, Environment and Conservation	NAAS (5.05)	Rs. 7,000		
6.	International Journal of Environment and Climate Change	NAAS (5.16), Qualis (Brazil), CNKI (China), Index Copernicus (100)	Rs. 15,000		
7.	International Journal of Research in Agronomy	NAAS (5.21)	Rs. 6,500		
8.	Biotechnology and Genetic Engineering Reviews	NAAS (9.2), (SCOPUS, SCIE, Q2)	1,200 U.S. Dollars		
9.	Biotechnology and Bioengineering	(Scopus, SCIE, NAAS 9.8) Impact Factor: 3.8	2,000 U.S. Dollars		

Key Points

- 1. Publication Charges: Authors are required to pay the mentioned charges for the publication of their manuscript after it has been accepted by the reviewer.
- 2. Guidelines Adherence: Authors must adhere to the specific journal guidelines mentioned above throughout the submission process.
- 3. Registration Requirement: Registration is mandatory for the publication of a research paper.
- 4. Peer Review Process: Submitted papers will undergo a peer review process involving at least two reviewers. The final decision for manuscript acceptance will be made by the Editorial Board based on reviewer comments.
- 5. Final Acceptance: Manuscripts will be accepted only after successfully completing the peer review process.
- 6. Contact Information: For further inquiries, authors can contact the provided email address: publicationsaahas@gmail.com
- Submit manuscript at e-mail address: publicationsaahas@gmail.com

GUIDELINES FOR AUTHORS REGARDING BOOK CHAPTERS

- 1. Format & Style for Book Chapter: All Book chapters must be typed in A4 size (font size 11) in 1 space in a single column with at least one-inch margin on all sides.
 - Authors Should submit single word files that contain the following information.
 - Title of the Chapter > Authors Name & Designation > Abstract with Keywords > Introduction > Chapter Content ➤ Conclusion ➤ References ➤ Pages should be within 10-20
- 2. Language: English.

- 3. Maximum 4 Authors
- 4. Publication fee is 1000/- for Indian Authors & USD 15 for other country's Authors. 5. Plagiarism should be below 25%
- 6. References:
 - The reference list should include the full title, as recommended by the APA style guide.
 - Submission Guidelines While sending the book chapter Author needs to ensure three points
 - 1. Book chapter in word format
 - 2. Signed copyright form from Corresponding Author

Registration is mandatory for the publication of a Book Chapter

Submit book chapter at e-mail address: publicationsaahas@gmail.com





Prospective applicants are invited to submit their revised resumes to <u>saahasconference@gmail.com</u> Following the approval of the Executive Council or Award Screening Committee in their respective categories, candidates will receive notification via email. Upon receipt of the confirmation email, candidates are required to remit the Biodata/Thesis Screening fee of INR 5,000 payable to the SAAHAS Society. The awards will be presented during the valedictory session of the conference. For those unable to attend in person, participation via Zoom is an option, and their awards, along with certificates, will be dispatched through courier services.

YOUNG SCIENTIST AWARD

EMINENT SCIENTIST AWARD

PROGRESSIVE FARMER AWARD

BEST ACADEMICIAN AWARD

RESEARCHER OF THE YEAR

BEST KVK SCIENTIST
AWARD

LIFETIME ACHIEVEMENT AWARD YOUNG BIOLOGIST/ BIOTECHNOLOGIST AWARD

BEST VETERINARY
SCIENTIST AWARD

EXCELLENCE OF RESEARCH/
TEACHING AWARD

YOUNG ACHIEVER
AWARD

INNOVATIVE FARMER AWARD

SCIENTIST OF THE YEAR AWARD

OUTSTANDING/
BEST M.SC./ PH.D.
THESIS AWARD

YOUNG
PROFESSIONAL/
RESEARCHER AWARD

EMINENT RESEARCH
FELLOW AWARD

OUTSTANDING STUDENT AWARD STUDENT OF THE YEAR

ENTREPRENEUR OF THE YEAR

YOUNG EXTENSION EDUCATION AWARD

GOLD MEDAL AWARD

OUTSTANDING ACHIEVEMENT AWARD

BEST RESEARCHER
AWARD

YOUNG AGRI ECONOMIST AWARD

OUTSTANDING DEAN/HOD AWARD

BEST AGRONOMIST/
HORTICULTURIST/
ENTOMOLOGIST/ PLAT
PATHOLOGIST/ PLANT
BREEDER AWARD

YOUNG AGRONOMIST/
HORTICULTURIST/
ENTOMOLOGIST/ PLAT
PATHOLOGIST/ PLANT
BREEDER AWARD

BEST ACADEMICIAN AWARD

BEST SCHOOL / DEPT. AWARD

BEST RESEARCH
PAPER, ARTICLE
AWARD

BEST POSTER/ ORAL PRESENTATION AWARD

BEST AGRO
INDUSTRY AWARD

SPONSORSHIP/ADVERTISING OPPORTUNITIES PRODUCT EXHIBITION BOOTH

DIAMOND SPONSOR 2 LAKH

- Exhibition Booth: Prime location for booth installation 18' x 18'.
- Logo Placement: Logo prominently printed in the souvenir and shared with our strategic partners. Inclusion of pamphlets and add promotional items in the registration kit.
- Banner Display: Exclusive space for banner placement at key event locations.
- Product Showcase: Allotted a 10-minute slot for presentation/product demonstration.
 Opportunity to display and promote products at the booth.
- Delegate Interaction: Complimentary six certificates for booth representatives engaging with delegates.

EXECUTIVE SPONSOR 1.5 LAKH

- Exhibition Booth: Premium booth placement for maximum visibility 18' x 9'.
- Logo Exposure: Inclusion in the event's souvenir and shared with our partners.
- Banner Display: Designated space for banner placement.
- Product Visibility: Showcase and advertise products at the exhibition booth.
- Certificates: Four Recognition certificates for booth representatives interacting with delegates.

SUPPORTING SPONSOR 1 LAKH

- Exhibition Presence: Booth installation in a well-trafficked area 12' x 9'.
- Logo Inclusion: Featured in the event's souvenir and shared with partners.
- Banner Opportunity: Designated space for banner placement.
- Product Highlights: Display and promotion of products at the booth.
- Certificates: Two Recognition certificates for booth representatives.

LUNCH/DINNER/HIGH TEA SPONSOR 2.5 LAKH

- Exhibition Presence: Booth installation in a well-trafficked area.
- Logo Inclusion: Featured in the event's souvenir and shared with partners.
- Banner Opportunity: Designated space for banner placement.
- Product Highlights: Display and promotion of products at the booth.
- Certificates: Recognition certificates for booth representatives.

SHARED CHARACTERISTICS ACROSS ALL CATEGORIES

- Display of Banner at Event Venue
- Inclusion of Company Logo on the Home Page of the Conference
- Issuance of Letter of Acknowledgement
- Presentation of Appreciation Award to Chief of Organization

Organized by Abhilashi University, Chail Chowk., Mandi

in collaboration with SAAHAS, Kurukshetra







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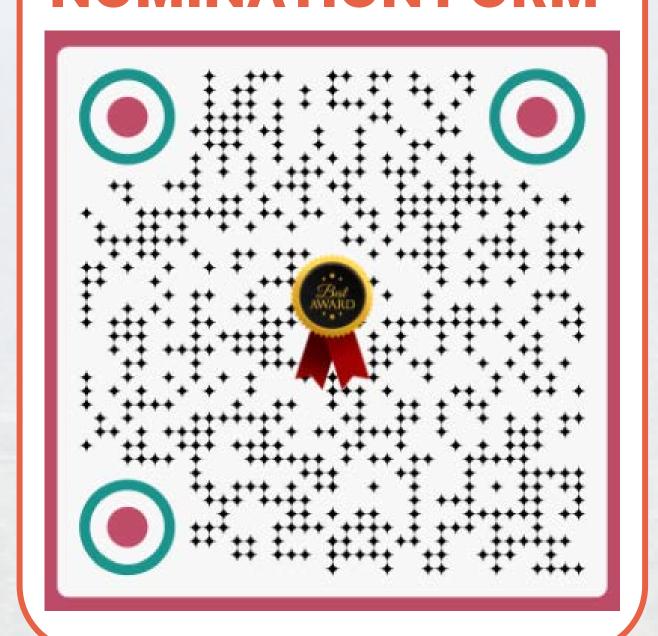
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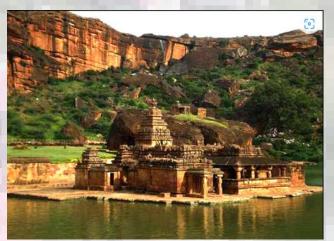
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