

Agriculture in India is going through a transition phase from traditional to scientific intensive and mechanized agriculture. With the increase in purchasing power, the demand for non-cereal items are expected to rise with focus on vegetables, fruits, animal protein etc. Agricultural diversification, processing and value addition along with entrepreneurship development and smart marketing linkages will have to play a key role for doubling farmers income to meet the 21st century challenges. Climate smart farming practices with focus on resource conservation technologies, ICTs, nanotechnology, high-tech farming, Integrated farming system, organic farming etc. are envisaged for climate resilient agriculture. The North eastern hills region of India is one of the 12 mega centers of diversity in the world by virtue of its diverse genetic, species and ecological diversity. The agriculture in Indian Himalayan Region (IHR) is fragile, inaccessible, complex and diverse in characteristics. High intensity rainfall, steep slopes, primitive form of agriculture (shifting cultivation) increasing population and urbanization lead to excessive soil erosion and degradation of associated natural resources. Intermittent and unseasonal floods, droughts, pests and diseases are major stresses in agriculture for both crops and animals leading to severe loss of farm produce and suffering of farmers. The IHR is expected to be highly prone to the consequences to climate change because of its geo-ecological fragility, strategic location vis-à-vis the eastern Himalayan landscape and porous international borders, its trans-boundary river basins and its inherent socio-economic instabilities. Food and environmental security of the region will be greatly challenged by these impacts.

This National seminar will provide a common platform for the scientists, researchers, policy makers, entrepreneurs and other stakeholders to explore the various aspects of emerging challenges in agriculture and allied sectors like horticulture, animal sciences, fisheries etc. The event is expected to discuss the prospective strategies in issues related to natural resource management, organic agriculture, livestock based business opportunities, climate smart agriculture, value addition and policy issues on marketing etc. for transforming the existing agriculture especially the hill farming into self-reliant, technology led and vibrant system.

SEMINAR VENUE AND DATES:

The National Seminar will be held at ICAR Research Complex for NEH Region, Umiam, Meghalaya during September 19-21st, 2017.

THEMES:

- * Efficient soil, water and energy management in agriculture
- * Climate resilient agriculture
- * Innovations in organic, traditional and integrated farming systems
- * Horticulture for nutrition and assured income
- * Crop diversification and conservation agriculture
- * Livestock and fishery for sustainable livelihood
- * Frontiers in plant and animal health management including one health concept.
- * Mechanization, processing and value addition for income enhancement
- * Biodiversity conservation, IPR and seed technology
- * Medicinal, aromatic and spices crops for income enhancement
- * Participatory research and technology dissemination
- * Agribusiness, socio-economic and policy issues

OFFICIAL LANGUAGE:

English is the official language of the Seminar.

CALL FOR PAPERS:

Abstracts (Maximum 400 words, should include titles, authors name, affiliation and corresponding authors email id) of unpublished research works related to the seminar themes are invited for presentation. Abstracts, invited papers (Not more than 1000 words) and lead papers (not more than 1500 words) are to be submitted preferably through e-mail attachment at

sfeies2017@gmail.com

PRESENTATION:

Abstracts in different theme areas will be selected for oral/poster presentation in each session. A maximum of 20 minutes will be allotted for lead speaker, 15 minutes to invited speaker and 7 minutes for rapid fire speakers including discussion. The speakers are advised to make presentations accordingly. For poster presentation, the topic should be informative, attractive, and self explanatory. The size of the poster should be 48" (L) X 36" (W) with standard font size used for posters. Awards will be given for best posters and rapid-fire speakers based on quality and time management.

DATES TO REMEMBER:

Submission of abstracts /papers : Last date 20th Aug, 2017

Acceptance of abstracts/paper: Within a week after submission

Date of registration without late fee 09 Sept, 2017

REGISTRATION FEE:

	Normal	With late fee
Scientists / Teachers	Rs. 4000	Rs. 4500
Research Scholars/Students	Rs. 2000	Rs. 2200
Accompanying Person (Each)	Rs. 1500	Rs. 1500

ACCOMMODATION:

A wide range of accommodation in budget and luxury hotels at Shillong and Umiam in the vicinity of the Seminar venue are available. The tariffs at the current rates are in the range of Rs. 1500/- to Rs. 5000/- per day for single/Double occupancy. Limited accommodation is available in various guest houses near the venue.

ROADMAP AND WEATHER:

The seminar venue is well connected by road, rail and air route. The seminar venue is located 100 km from Guwahati airport, and 10 km from Shillong airport. The hired and shared taxi charges from Guwahati airport are Rs. 2000 and 500, respectively. The distance of venue from Guwahati railway station is about 90 km and the hired and shared taxi charges are about Rs. 1500 and 300, respectively. Weather during the seminar is expected to be warm with the temperature range of 20 to 30°C. Light Woolens cloth and umbrella are suggested for comfortable stay.

FIELD VISITS AND EXCURSION TRIPS:

Visits to farmers fields and tourist places will be organized on payment basis. Shillong is known as Scotland of East for its natural beauty. Some of the tourist attractions of Shillong are Cherapunjee, Mawsynrum, Elephanta falls, Living root bridge, Mawlyngthong (Asia's cleanest village) etc. .

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Secretary, IAHF, ICAR Research Complex for NEH Region, Umiam,
Meghalaya

For all correspondence /paper/abstract submission E-mail to :
sfeies2017@gmail.com

Format of Registration Form National Seminar on

**Smart Farming for Enhancing Input Use efficiency, Income
and Environmental Security
(19-21 September, 2017)**

Name:

Position:

Organization:

Age: Gender:

Mailing Address:

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Phone: Fax:

Email:

Demand Draft No:Date:

Amount (Rs.): (in words):

Note: Bank draft should be made in favour of "Indian Association of Hill Farming", A/No- 10881245794 payable at SBI, ICAR Complex Branch, Ri-Bhoi, Meghalaya, IFSC Code- SBIN0012464.

Title (s) of the paper (s):

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Accommodation required: Single / Double

Type of Accommodation: Hotel / Guest House

Accompanying Persons:

Date:

Signature



**SFEIES-2017
National Seminar
On
Smart Farming for Enhancing
Input Use efficiency, Income
and Environmental Security
(September 19-21st, 2017)**



Important Dates

Submission of abstract (Last date) : 20 August, 2017
Registration without late fee : 09 September, 2017

Venue

**ICAR Research Complex for NEH Region,
Umiam, Meghalaya- 793103**

Organized by

**Indian Association of Hill Farming
in collaboration with
ICAR Research Complex for NEH
Region, Umiam, Meghalaya
793103**

