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Events of the month

10 January	International Webinar on World Hindi Day.
11 January	Training programme on "Processing of Seasonal Fruits and Vegetables" for rural women at Salga village, Solan, H.P.
11 January	Workshop on "Innovative Formulations: Water Soluble Fertilizers" under the public-private partnership programme
13 January	MoU with Tara Blooms Private Limited
23 January	Programme for distribution of motor driven sewing machine under TSP at Mattajanahalli Watershed.
25 January	Farmer's meeting cum demonstration and distribution of Diesel pump set and Sprinkler pipes to group of farmers of village – Bhadroli Khurd karada Watershed, Vejalpur, District - Godhra, Gujarat.
26 January	74 th Independence Day celebrated
30 January	Exposure visit of Assistant Directors (Agri.) from Madhya Pradesh under Sub-Mission on Agriculture Extension (ATMA) Scheme .
31 January	Exposure visit cum training on Watershed Management Programmes for farmers from Trichy District.
31 January	Four days training cum field visit of WDT members from Block & Dist- Bijapur, Chhattisgarh under WDC PMKSY –2.0/2, New Generation Watershed Development Programme (NGWDP) during

Salient Research Findings of the Month

- In Mahi ravine ecosystem with less than 30 m MSL (mean sea level) elevation group, higher values (51 Mg ha⁻¹) for Soil organic carbon stock (SOCS) were documented under the irrigated agriculture land use system; whereas the gullied land- use system recorded markedly lower values (28 Mg ha⁻¹). With regards to soil total carbon stock (STCS), plantation land-use registered highest STCS (153 Mg ha⁻¹) followed by irrigated agriculture system (106 Mg ha⁻¹) and rainfed agriculture system (70 Mg ha⁻¹).
- In temperate ecosystem along the Nilgiris, application of Biochar neutralised severely acidic soil up to the pH 5.50 and recorded significant increase (23.65 cmol kg⁻¹) in the cation exchange capacity. Also, markedly positive impact was observed on soil organic carbon (SOC) and retention of nitrogen and potassium ions compared to manure applications.

Collaboration

The ICAR-IISWC, Dehradun signed a MoU with Tara Blooms Private Limited, Coimbatore on 13th January, 2023.



Workshops / Webinar etc.

● **International webinar on World Hindi Day**

On the occasion of World Hindi Day, January 10, an international web seminar was organized on 10th January, 2023 under the aegis of ICAR-IISWC, Dehradun. In the webinar, achievements and progress were presented by eminent scholars of Hindi language and Indian literature associated with many countries of the world. The topic of discussion in this web seminar was - "Contribution of overseas Indians in the spread of Hindi at the world level". Scholarly personalities provided rich culture and traditions associated with the Hindi language.



● **Workshop on Innovative Formulations: Water Soluble Fertilizers**

ICAR-IISWC organised a workshop on Innovative Formulations: Water Soluble Fertilizers under a public-private partnership programme on 11th January, 2023 in association with Rallis India Ltd. The programme was hosted by the ASSRF Dehradun unit. Dr Subhendu Bhadra Ray, Advisor,

Rallis India Ltd and Dr Malti and Dr Sanjay Naithani from Tata chemicals were the special invitees. The programme started with the warm welcome of the guests by Hon'ble Director, ICAR-IISWC, Dr M. Madhu. Dr Subhendu presented the significant work done by Rallis India Ltd. in the area of liquid fertilizers along with highlighting the different benefits of liquid fertilizers, their use mechanism and their ultimate impact on the crops.



technical officials and tribal farmers participated in the training programme. Visit to meteorological observatory, soil lab, biofloc unit, research farm of the centre, KVK, coffee board, LPG and Kokriguda watershed was conducted.

● **Exposure visit cum training on WMP**

Exposure visit cum training on Watershed Management Programmes(WMP) for the committee members and farmers from villages of Pullambadi & Lalgudi blocks of Trichy District brought by Dalmia Bharat Foundation (NGO) was conducted on 31st January, 2023. The visit was sponsored by NABARD by the research centre Ooty. Totally 28 farmers (18 Women and 10 Men) and 2 NGO officials participated in the programme.



Human Resource Development

● **Training cum field visit of Watershed Development Team Members**

ICAR-IISWC, RC, Koraput organised four days training cum field visit of Watershed Development Team members from Usoor Block, Bijapur District, Chhattisgarh under PMKSY – WDC 2.0, New Generation Watershed Development Programme (NGWDP) during 31st January to 03rd February, 2023.

Total 50 participants from Watershed Development Team members, progressive farmers,

● **Exposure visit of Assistant Directors (Agri.)**

A team of six Assistant Directors (Agriculture) headed by Sh. R.G. Arolia, Deputy Project Director, ATMA, District Ujjain (M.P.) visited ICAR-IISWC, RC, Chandigarh and its Research Farm on 30th January,2023 under Sub-Mission on Agriculture Extension (ATMA) Scheme



● **Training cum field visit of WDT Members**

ICAR-IISWC, RC, Koraput organized four days training cum field visit of Watershed Development Team(WDT) members from Usoor Block, Bijapur District, Chhattisgarh under PMKSY – WDC 2.0, New Generation Watershed Development Programme (NGWDP) during 31st January to 03rd February, 2023.

Total 50 participants from Watershed Development Team members, progressive farmers, technical officials and tribal farmers participated in the training programme.



● **Republic Day celebrated**

74th Republic Day was celebrated with enthusiasm at the IISWC, Headquarters and its Research Centre's.



In News/Media Coverage



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