

Linkages and Collaborations

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The Institute and its Research Centres maintains close linkages and collaboration with a number of likeminded institutions engaged in similar type of work like the Ministry of Rural Development, Ministry of Science and Technology, Ministry of Planning, State Agricultural Universities and other ICAR institutes in the form of MOU, collaborative research projects etc, the brief description of activities under taken are as under.

DehraDun

- Development of efficient and innovative blue and green water harvesting techniques for enhancing the land and water productivity of semi-arid districts of Gujarat, in collaboration with the Department of Science Technology(DST)
- National Mission on Sustaining Himalayan Eco-system (NMSHE)-Task force on Himalayan agriculture for lower and middle Himalayan region in collaboration with the Department of Science Technology(DST)
- Effect of climate change on hydrology of small watersheds vis-à-vis soil and water conservation measures, in collaboration with the NICRA (National Innovations in Climate Resilient Agriculture)
- Environmental tracer based study on erosion induced loss of soil organic carbon and its impact on agronomic productivity and environmental quality, in collaboration with the National Fellow Project (ICAR)
- Consortia Research Platform-Water Theme 1 Water Resources Augmentation/ Conservation, in collaboration with the Water Platform Project
- Efficient groundwater management for enhancing adaptive capacity to climate change in sugarcane based farming systems in Muzaffarnagar district, (U.P.), in collaboration with the NMSA-MoA Project
- Ensuing sustainable agricultural development and livelihood security in lower Shiwalik range of Uttarakhand. In collaboration with the Department of Science Technology(DST)
- Field evaluation of refinement of ravine reclamation technology in a model ravine area development project at Lohli-Bagli village in district Bundi (Rajasthan), in collaboration with the Government of Rajasthan
- Refining methodologies for data validation, planning, monitoring and evaluation of watersheds, in collaboration with the Government of Karnataka
- Establishment of model nursery for fast multiplication of new cultivars of guava, litchi, aonla, pomegranate and mango, in collaboration with the State Horticulture Mission for North East Hills, Uttarakhand
- Tripartite Memorandum of Understanding (MOU) was enacted for up scaling research on assessment of productivity, hydrological behaviour, resource conservation and intangible benefits of selected commercial bamboo species in Uttarakhand in collaboration with the International Network on Bamboo and Rattan, and Uttarakhand State Forest Department.
- Farmer participatory technology application for sustainable resource management and livelihood security in North-West Himalayas, in collaboration with the Krishi Vigyan Kendra of ICAR
- Promotion and expansion of Lemon grass (*Cymbopogon flexuosus*) cultivation as an alternative crop for livelihood security in SC and ST communities in DehraDun district, in collaboration with the Department of Science Technology(DST)
- Tripartite Memorandum of Understanding (MOU) was enacted for development of improving tree planting techniques to enhance tree establishment under rain fed condition in Jaunsar Tribal Region of Middle Himalayas in collaboration with the Eco Task Force and Van Panchayat Vikas Samiti.
- Memorandum of Understanding (MOU) was enacted to collaborate for ICT based Extension services for personalized Advisory Services on Water and Soil (PAWS) in collaboration with the Tata Consultancy Services (TCS), Mumbai.



- Memorandum of Understanding(MOU) was enacted for Plantation of improved provenance of Bhimal and other multipurpose tress in collaboration with the Van Panchyat, Almas, Tehri Garhwal.

Agra :

- Department of Agriculture and Corporation, Ministry of Agriculture, Govt. of India, New Delhi for Resource conservation and management in Jalalpur watershed, Distt. Agra (U.P.)
- Ministry of Agriculture, Government of India, New Delhi, under National Bamboo Mission for study on Hydrological and economic evaluation of bamboo plantation in gullied lands under major ravines of India
- Central Water Commission, Ministry of Water Resources, Government of India, New Delhi sponsoring Farmers' Participatory Action Research programme in ten villages of Agra district in Uttar Pradesh.
- Professional linkage was developed with Forest Department of Uttar Pradesh in research work being executed at Manikpura village of Bah tehsil in collaboration with District Forest Officer, Agra.
- Professional linkages were developed with line departments, BSA Ram Ganga Command and ICAR institutes DRMR, Bharatpur, CIRG Makhdoom, CISH, Rehmankhhera, Kakori Lucknow, IIPR Kanpur, IGFRI, Jhansi, IISS, Bhopal, IARI, New Delhi and CSSRI, KARNAL.

Bellary:

- Karnataka State Watershed Development Department has identified the Centre as an important organization in 'Partner summit and Implementation Mission' for World Bank assisted Karanataka Watershed Department Project-III (KWDP-II-SUJALA-III) program. The Centre has also participated in the KAWAD state level meetings at Directorate Office, Bengaluru under chairmanship of Secretary and Commissioner (KWDP) attended by World Bank representative and state level officers.
- The Centre is represented at various scientific consortia for watershed development. Linkages were established with District Watershed Development Department, Bellary (Karnataka) for training of grass-root functionaries.
- Seed production programme for Red Gram and Bengal Gram has been taken up in collaboration with National Seeds Corporation.
- Linkage with State Horticulture Department is being continued in respect of TOT programme.
- The centre is recognized as a centre of excellence for training of B.Tech students in SWCE from SAU's of Karnataka, Andhra Pradesh and Maharashtra.

Chandigarh:

- Collaboration with Central Ground Water Board, Chandigarh, on ground water recharge through surface ponds.
- Collaboration with Punjab Agricultural University, Ludhiana and YSPUHF, Nauni, Solan (HP) through meetings and workshops.
- Collaboration with National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, in regard to Guest Faculty.
- Collaboration with Punjab University, Chandigarh, for guest faculty.
- Collaboration with National Jute Board, Kolkatta.
- Collaboration with Institute for Spatial Planning and Environment Research (ISPER) Panchkula.
- Collaboration with DRDA, Himachal Pradesh.

- Collaboration with Department of Environment Sciences and Technology, Govt. of Himachal Pradesh.
- Collaboration with Central Institute of Temperate Horticulture, Kashmir.
- Collaboration with IVRI, Research Station, Mukteshwar.
- Collaboration with Central Agroforestry Research Institute, Jhansi.
- Collaboration with Department of Animal Sciences, Govt. of Himachal Pradesh.
- Collaboration with Department of Agriculture, Govt. of Himachal Pradesh.
- Collaboration with Department of Forest, Govt. of Union Territory of Chandigarh.
- Collaboration with Department of Agriculture, Govt. of Haryana.
- Collaboration with Department of Public Health Engineering, Govt. of Haryana
- Collaboration with State Level Nodal Agency (SLNA), Govt. of Haryana.
- Collaboration with National Mission on Sustainable Agriculture (NMSA), Govt. of Haryana.
- Collaboration with Krishi Vigyan Kendra, Ropar, Punjab.

Datia :

- During the year 2016-17 Research Centre, Datia (MP) has maintained linkages with KVK, Datia, district agriculture office, Datia, RARI, Jhansi, ICAR CAFRI, Jhansi and ICAR-IGFR Jhansi.

Koraput :

- Co-PI for the project entitled "Ensuring safe drinking water to the tribal households in Koraput region of Odisha" with collaboration with M.S. Swaminathan Research Foundation, Jeypore, Odisha. This project is funded by DST, GOI, New Delhi.
- Collaboration made with Odisha Watershed Development Mission, Bhubaneswar, Govt. of Odisha for capacitating functionaries on Land & Water Management under IWMP and preparation of District Irrigation Plan of southern six district of Odisha.
- Collaboration made with Odisha Forestry Sector Development Project, Ministry of Forest, Govt. of Odisha for conducting training programme on "Soil and Moisture Conservation Measures in Forest Areas" and to evaluate the Impact of SMC measures in Forest areas" and consultancy programme on "Evaluation of SMC measures at three forest ranges under Odisha Forestry Sector Development Project".
- Professional linkages with SCTI, Koraput; DRDA, Koraput, IGKV, Raipur, OUAT, Bhubaneswar, KVK, DWM, NBSS & LUP, NGOs, MSSRF, Jeypore, RSRS, Koraput.
- Collaboration made with ICAR RCER, Patna on conducting Integrated Farming System as per recommendation of Regional Workshop on Research Priorities and Reconciliation in Eastern Region" held on 28th May, 2014 at ICAR Research Complex for Eastern Region, Patna.
- Collaboration made with ICAR RCER, Patna on conducting Tribal Farming System as per recommendation of Regional Workshop on Research Priorities and Reconciliation in Eastern Region" held on 28th May, 2014 at ICAR Research Complex for Eastern Region, Patna.
- Linkages made with Education Department, Govt. of Odisha for imparting training to school teachers on emerging issues of NRM and climate change.
- Linkages developed with District Administration of Southern Odisha (6 nos) for preparation of "District Irrigation Plan" under Prime Minister Krishi Sinchai Yojna (PMKSY).



Udhagamandalam :

- Schools / Colleges in the Nilgiris District.
- Horticultural Research Station (HRS).
- Central Potato Research Station (CPRS), Udhagamandalam.
- Tata Institute of Fundamental Research , Udhagamandalam
- IARI, Regional station, Wellington, UPASI Tea Research Foundation, Coonoor.
- Forest department, Udhagamandalam.
- Hill Area Development Programme, Nilgiris.
- Western Ghats Development Programme, New Delhi.
- Departments of Agricultural Engineering, Horticulture, Forestry and Agriculture department of Nilgiris and other districts, Collectorate.
- All India Radio,
- NGO: NAWA, MYRADA and DWDAs.
- ICAR institutes and SAUs from different states.
- Department of Agriculture & Cooperation, Ministry of Agriculture, New Delhi.
- Hill Area Development Programme (HADP), Nilgiris
- River Valley Project (RVP), AED, Chennai.
- The Common Funds for Commodities, the Netherlands.
- National Jute board, Ministry of Textiles, Government of India.