

LINKAGES AND COLLABORATIONS

6

The Institute and its Research Centres maintained linkages and collaborations with the MoRD, Ministry of Science & Technology, Ministry of Planning, State Agencies, SAUs and other ICAR institutes alongwith running various externally projects funded by MoA, MoRD under TDET etc. as detailed below:

S. No.	Project	Collaboration with	Project sanctioned (₹ lakhs)
1.	National Mission on Sustaining Himalayan Ecosystem (NMSHE) – Task force on Himalayan agriculture for lower and middle Himalayan region	NMSHE Project	198.02
2.	Effect of climate change on hydrology of small watersheds vis-à-vis soil and water conservation measures	National Innovations in Climate Resilient Agriculture (NICRA) Project	87.50
3.	Environmental tracer based study on erosion induced loss of soil organic carbon and its impact on agronomic productivity and environmental quality	ICAR National Fellow Project	64.96
4.	Consortia Research Platform-Water Theme 1 Water Resources Augmentation/Conservation	Water Platform Project	50.00
5.	Efficient groundwater management for enhancing adaptive capacity to climate change in sugarcane based farming systems in Muzaffarnagar district, U.P.	NMSA-MoA Project	459.00
6.	Ensuing sustainable agricultural development and livelihood security in lower Shiwalik range of Uttarakhand	Department of Science and Technology, New Delhi	19.19
7.	Prototype field study on application of potentially important jute geo-textiles for hill slope stabilization.	National Jute Board, Kolkata	5.04
8.	Application of dynamic simulation models to establish erosion productivity relationships and soil organic carbon sequestration potential for a future changing climate.	Indo-Austria Scientific-Technological Cooperation	4.04
9.	Development of efficient and innovative blue and green water harvesting techniques for enhancing the land and water productivity of semi-arid districts of Gujarat.	Department of Science and Technology, New Delhi	21.86
		Total	909.61

Chandigarh

- Collaboration with National Jute Board, Ministry of Textile, Govt. of India, Kolkata in a consultancy project 'Development and application of potentially important jute geotextiles (CFC/IJSG/21)'.
- Collaboration with Central Ground Water Board, Chandigarh, on ground water recharge through surface ponds.
- Active collaboration with Punjab Soil Conservation Department on Rashtriya Krishi Vikas Yojna project.
- 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 Panjab University, Chandigarh, for guest faculty.
- Collaboration with Central Scientific Instrument Organization (CSIO) under CSIR at Chandigarh

- Collaboration with SWAN River Integrated Watershed Management Project for Evaluation of Impact assessment of soil & water conservation measures being implemented under Japan International Cooperation Agency (JICA--ODA).
- Collaboration with Institute for Spatial Planning and Environment Research (ISPER), Panchkula.
- Collaboration with DRDA, Himachal Pradesh.

Udhagamandalam

The Centre has strong linkages with State / Central Govt Institutions / Departments and leading NGOs in the region, few of them are listed below:

Institution	Collaboration with
I Local Institutions	
a. Educational Institutions	Schools / Colleges in the Nilgiris District
b. Research Institutions	Horticultural Research Station (HRS), Central Potato Research Station (CPRS), Udhagamandalam TIFR, 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, NGOs like NAWA, MYRADA DWDAs of various districts of Tamil Nadu.
c. Extension and Development Agencies	
II. National Institutes and Agricultural Universities	ICAR institutes and SAUs from different states,
III. Government of India	Deptt. of Agriculture & Cooperation, MoA, New Delhi
IV. Other Institutions	Hill Area Development Programme (HADP), Nilgiris River Valley Project (RVP), AED, Chennai (Tamil Nadu), National Jute Board, Ministry of Textiles, Govt. of India, The Common funds for Commodities, The Netherlands

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, Rehmankhara, Kakori Lucknow, IIPR Kanpur, IGFR, Jhansi, IISS, Bhopal, IARI, New Delhi and CSSRI, Karnal.

Datia

- Department of Agriculture and Cooperation, Ministry of Agriculture, Govt. of India for Development and Monitoring of model watershed Jigna Distt Datia (MP).
- Professional linkages with RSKVV, Gwalior; ICAR-IGFRI, Jhansi; ICAR-NRCAF, Jhansi through mutual participation of scientists in various scientific activities and capacity building programmes.
- Professional linkages with Krishi Vigyan Kendra (KVK), Datia through technical support in S&WC technologies, capacity building activities and dissemination of S&WC technology/ activities.
- Provided technical support to State Department of Agriculture and farmer's welfare in district level planning and monitoring of ATMA programme and nominated Technical expert (watershed development), National Mission for Sustainable Agriculture (NMSA) etc.
- Collaboration with Rani Lakshmi Bai Central Agricultural University, Jhansi (UP) in conducting practical examinations of graduate students.
- Linkages with State line department's, viz; Horticulture, Soil conservation, Animal husbandry through participation in Scientists-Staff-Farmers interface meetings/capacity building programmes /exposure visits.
- Collaboration with *Jila Panchayat*, Datia in conducting technical exposure visits for field functionaries/farmers under IWMPs.
- Collaboration with Rani Lakshmi Bai Central Agricultural University, Jhansi (U.P.) a resource person in students' Agriculture Graduation programme.

Bellary

- 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 jute and bengalgram has been taken up in collaboration with National Seeds Corporation.
- The Centre is recognized as 'Resource Centre' for imparting customized training programme for the departmental staff of District Water Management Agency (DWMA), Anantapur.
- Linkage initiated with State Forest Department in respect of mined area stabilisation.
- Karnataka State Watershed Development Department (KWDP) is identified as an important organization in 'Partner summit and Implementation Mission' for World Bank assisted Project (KWDP-II-SUJALA-III). As the World Bank is insisting on the M & E component by a 'third party' in a partnership mode as per ToR.

Koraput

- Collaboration with M.S. Swaminathan Research Foundation, Jeypore (Odisha) for the project "Ensuring safe drinking water to the tribal households in Koraput region of Odisha" with 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 in Odisha State.
- Collaboration 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 programmes at three forest ranges.
- Professional linkages with SCTI, Koraput; DRDA, Koraput; IGKV, Raipur; OUAT, Bhubaneswar; KVK, DWM, NBSS&LUP, NGOs, MSSRF, Jeypore; RSRS, Koraput;
- Collaboration with ICAR-RCER, Patna on conducting Integrated Farming System / Tribal Farming System as per recommendation of Regional Workshop on Research Priorities and Reconciliation in Eastern Region.
- 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 on preparation of six District Irrigation Plans under Prime Minister Krishi Sinchai Yojna (PMKSY).