

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 along with running various externally projects funded by MoRD under TDET; BARC and Deptt. of Science & Technology (DST) etc. as detailed below:

Dehradun

S. No.	Project	Collaboration with	Project sanctioned (₹ lakhs)
1.	Resource conservation and management in Netranhalli watershed, Chitradurga district, Karnataka (TDET-MoRD) - Bellary Centre	Deptt. of Land Resources, Ministry of Rural Development, New Delhi under TDET scheme	82.96
2.	Participatory Dissemination and Assessment of Land and water Management Technology for Livelihood Security in Rainfed Areas of North Western Himalayas	Deptt. of Land Resources, Ministry of Rural Development, New Delhi under TDET scheme	90.70
3.	Prototype field study on application of potentially important jute geo-textiles for hill slope stabilization.	National Jute Board, Kolkata	
4.	The assessment of soil erosion through re-distribution analysis of $^{137}\text{C}_s$ fallout in humid subtropical region of India.	Bhabha Atomic Research Centre, Trombay, Mumbai (M.S.)	22.19
5.	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
6.	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

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 Instruments 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 b. Research Institutions c. Extension and Development Agencies	Schools / Colleges in the Nilgiris District Horticultural Research Station (HRS), Central Potato Research Station (CPRS), Udhagamandalam IARI, Regional station, Wellington, UPASI Tea Research Foundation, Coonoor, Forest Department, Udhagamandalam, Hill Area Development Programme, Nilgiris, Western Ghats Secretariat, Planning Commission, New Delhi, Departments of Agricultural Engineering, Horticulture, Forestry and Agriculture Department of Nilgiris and other districts, Collectorate, All India Radio, NGOs like CARE, CTRD, MYRADADWDAs of various districts of Tamil Nadu.
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, IGFRI, 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 as resource person in various training programmes/exposure visits of the trainees etc.
- Professional linkages with Krishi Vigyan Kendra (KVK), Datia through technical support in NICRA project, capacity building activities and various scientific field 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 their Scientists-Staff-Farmers interface meetings/capacity building programmes.
- Collaboration with *Jila Panchayat*, Datia in conducting technical exposure visits for field functionaries/farmers under IWMPs.

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 has been recognized as 'Resource Centre' for imparting customized training programme for the departmental staff of District Water Management Agency (DWMA), Anantapur.
- Carrying out TDET project funded by the Ministry of Rural Development (MoRD), Government of India, New Delhi, at Netrenahalli, Chitradurga district (Karnataka).
- Carrying out micro management of agriculture (MMA) funded by NWDPR, Ministry of Agriculture, Government of India, New Delhi at Ramasagara, Chitradurga district (Karnataka).

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.