



Linkages and Collaborations in India and Abroad including Outside Funded Projects

S.No.	Title	Collaborative/ Funding Agency	Date of Start	Date of Completion
International Project				
1.	Mapping and cultural authority of science across Europe and India (MACAS-EU & India)	IHD, New Delhi LSE, London, UK	01 April 2012 (ICAR-IASRI association w.e.f. 18 July 2013)	30 September 2015
2.	Study on improving methods for estimating crop area, yield and production under mixed, repeated and continuous cropping.	Funding agency: Food and Agriculture Organization of the United Nations (FAO) Rome Collaborative agencies: 1. Statistics Indonesia (BPS), Indonesia 2. National Institute of Statistic of Rwanda (NISR), Rwanda 3. FAO, Kingston, Jamaica 4. Ministry of Agriculture and Fisheries, Govt. of Jamaica 5. FAO, Jakarta, Indonesia 6. FAO, Kigali, Rwanda 7. FAO, Barbados, West Indies.	18 December 2014	17 October 2016
ICAR Institutes/ SAUs				
3.	Phenomics of moisture deficit and low temperature stress tolerance in rice	ICAR-NRCPB, New Delhi ICAR-IARI, New Delhi Delhi University, New Delhi ICAR-CRRI, Cuttack; ICAR-IGKV, Raipur CAU, Barapani ICAR-RC-NEHR, Barapani	15 February 2011	30 December 2015
4.	Strengthening and refinement of Maize AgriDaksh	ICAR-DMR, New Delhi	01 April 2011	31 March 2016
5.	Planning, designing and analysis of experiments planned 'On Stations' under the AICRP on IFS	ICAR-IIFSR, Modipuram	01 April 2012	31 March 2017
6.	Planning, designing and analysis of 'On Farm' research experiments planned for AICRP on IFS	ICAR-IIFSR, Modipuram	01 April 2012	31 March 2017

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7.	Planning, designing and analysis of data relating to experiments for AICRP on long-term fertilizer experiments	AICRP on LTFE ICAR-IISS, Bhopal	01 April 2012	31 March 2017
8.	Modelling network of gene responses to abiotic stress in rice	ICAR-NRCB, New Delhi, ICAR-DRR, Hyderabad, ICAR-DKMA, New Delhi, CDAC, Pune (NFBSFARA)	01 April 2013	31 March 2017
9.	Information system for planning and analysis of experiments on All-India Coordinated Research Project on Vegetable Crops	AICRP, ICAR-IIVR, Varanasi ICAR-NAARM, Hyderabad	05 February 2014	31 March 2017
10.	Development of innovative approaches for small area estimation of crop yield, socio-economic and food insecurity parameters	ICAR, Lal Bahadur Shastri Young Scientist Award	09 December 2013	08 December 2016
11.	Network project on market intelligence	ICAR-NIAP, New Delhi (ICAR, DARE)	13 February 2014	31 March 2017
12.	Development of 16s rDNA rumen specific microb database	ICAR-NIANP, Bangalore	01 April 2014 (IASRI association w.e.f. 23 July 2014)	31 March 2017
13.	Development and application of electronic learning and diagnostic modules for health management of dogs	ICAR-IVRI, Izatnagar	01 July 2014	31 December 2015
14.	Tobacco Agridaksh: An online expert system	ICAR-CTRI, Rajahmundry	20 October 2014	20 October 2017
15.	Network project on impact assessment of agricultural research and development	ICAR-NIAP, New Delhi (ICAR)	01 January 2015 (IASRI association w.e.f. 12 January 2015)	31 March 2017
16.	ICAR network project on transgenics in crops	ICAR-NRCPB, New Delhi	27 January 2015	31 March 2017
17.	Developing a comprehensive web based system for agriculturally important microbes	ICAR-NBAIM, Mau	01 April 2015	31 March 2017
18.	Computational identification and modelling of genetic variation in relation to performance traits in buffaloes	ICAR-CIRB, Hisar	06 June 2015	31 March 2017
19.	Genomic data analysis for identification of economically important markers and viral diagnostics in pulses	ICAR-IIPR, Kanpur	06 June 2015	31 March 2017
20.	Computational approach for harnessing genome information and its integration with wheat phenome for efficient varietal development	ICAR-IIWBR, Karnal	15 June 2015	31 March 2017
21.	Mining and validation of candidate gene markers and screening on antimicrobial peptides of black pepper and small cardamom	ICAR-IISR, Kozhikode, Kerala	15 June 2015	31 March 2017
22.	Bioinformatic analysis of sequence data of brinjal and bitter gourd for identification of functional and regulatory genes for traits of economic importance	ICAR-NBPGR, New Delhi	16 June 2015	31 March 2017
23.	Molecular and computational approach to delineate metabolic pathways for better carbohydrate utilization in Labeo spp	ICAR-CIFA, Bhubaneswar	16 June 2015	31 March 2017
24.	Elucidating the mechanism of Pashmina fibre development: An OMICS approach	SKUAST-K, ICAR-NDRI, Karnal	01 July 2015	30 June 2018
25.	Microbial domain research projects on computational aspects	NBAIM, Mau	03 July 2015	31 March 2017
26.	Development of database repertoire for Clostridium perfringens strains prevalent in causing Enterotoxaemia in goats	ICAR-CIRG, Makhdoom	04 July 2015	31 March 2017

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27.	Development of database on SNPs associated with economically important traits of Indian goats	ICAR-CIRG, Makhdoom	04 July 2015	31 March 2017
28.	RiceMetaSys: Understanding rice gene network for blast resistance and drought tolerance through system biology approach	ICAR-NRCPB, New Delhi	08 July 2015	31 March 2017
29.	ICAR Research Data Repository for Knowledge Management as KRISHI: Knowledge based Resources Information System Hub for Innovations in Agriculture. Funded by ICAR Headquarter Plan Scheme under XII Plan period (2012-2017)	ICAR-NAARM, Hyderabad, ICAR-NBSS&LUP, Nagpur, ICAR-IARI, New Delhi, DKMA, New Delhi, ICAR-CMFRI, Kochi, ICAR-CRIDA, Hyderabad	24 July 2015	31 March 2017
30.	Identification of genetic polymorphisms for pathogenicity in Vibrio sp	ICAR-CIBA, Chennai	19 August 2015	31 March 2017
31.	Metagenomic applications and transcriptomes profiling for inland aquatic environmental health surveillance	ICAR-CIFRI, Barrackpore	01 September 2015	31 March 2017
32.	Cluster ensemble algorithms for germplasm evaluation on Chickpea	ICAR-NCIPM, New Delhi, ICAR-NBPGR, New Delhi	18 September 2015	17 September 2016
33.	Network project on computational biology and agricultural bioinformatics under two sub-projects: Sub-project 1: Gene regulatory networks modeling for heat stress responses of sources and sink for development of climate smart wheat Sub-project 2: Studying drought-responsive genes in subtropical maize germplasm and their utility in development of tolerant maize hybrids	ICAR-IARI, New Delhi	26 November 2015	31 March 2017
34.	Transcriptome and proteome analysis for identification of candidate genes responsible for pistillate nature in castor. Funded by Extramural funded under Crop Sciences Division	ICAR- IIOR, Hyderabad	21 January 2016	31 March 2017
35.	Knowledge management system for agriculture extension services in Indian NARES. Funded by Extramural funded under Agricultural Extension Division, ICAR	Agricultural Extension Division, ICAR	04 March 2016	31 March 2017
Government of India				
36.	Experimental designs in the presence of indirect effects of treatments	DST	01 October 2011	30 September 2015
37.	A new distributed computing framework for data mining	BITS, Pilani (Department of Electronics & Information Technology, Government of India)	15 October 2012 (IASRI association w.e.f. 01 November 2012)	31 March 2016
38.	Pilot study for estimation of seed, feed and wastage ratios of major food grains	National Accounts Division, Central Statistics Office, MOS&PI, Government of India	01 July 2013	31 March 2016
39.	Bioacoustics tool: A novel non-invasive approach for different monitoring of health and productivity in dairy animals	ICAR-NDRI, Karnal (DBT)	01 February 2013	31 January 2016
40.	Whole genome sequencing and development of allied genomics resources in two commercially important Fish- <i>Labeo rohita</i> and <i>Clarias batrachus</i>	ICAR-NBFGR, CIFA, AAU (DBT)	28 January 2014	09 September 2016

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41.	Whole genome based SNP mining and development of breed signatures for dairy and dual purpose indigenous cattle	ICAR-NBAGR, Karnal ICAR-NDRI, Karnal (DBT)	09 July 2014	08 July 2017
42.	Study to test the developed alternative methodology for estimation of area and production of horticultural crops: IASRI component of CHAMAN program under MIDH	Funding agency: Department of Agriculture, Cooperation and Farmers Welfare, Ministry of Agriculture and Farmers Welfare (MoA&FW), Government of India. Collaborative agencies: ➤ Mahalanobis National Crop Forecast Centre (MNCFC,) MoA&FW, Govt. of India, Pusa Campus, New Delhi ➤ Gujrat State Govt. ➤ Himachal Pradesh State Govt. ➤ Andhra Pradesh State Govt. ➤ Karnataka State Govt. ➤ Tamil Nadu State Govt. ➤ Maharashtra State Govt.	16 September 2014	15 June 2017
43.	Pilot study for developing state level estimates of crop area and production on the basis of sample sizes recommended by Professor Vaidyanthan Committee Report	Directorate of Economics and Statistics, Department of Agriculture Cooperation Farmers Welfare, Ministry of Agriculture Farmers Welfare, Government of India, New Delhi	16 February 2015	15 February 2017
44.	Investigation of causes of divergence between official and trade estimates of jute production	Directorate of Economics & Statistics (DES), Department of Agriculture, Cooperation and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Govt. of India	01 September 2015	31 August 2017
45.	Stochastic differential equation models and their applications to agriculture	Science and Engineering Research Board (SERB), New Delhi	06 November 2015	05 November 2018
Consultancy Studies				
46.	Study on improving methods for estimating crop area, yield and production under mixed, repeated and continuous cropping	Food and Agriculture Organization of the United Nations (FAO), Rome.	18 December 2014	17 October 2016
47.	Testing and validation of alternative methodology developed by ICAR-IASRI for estimation of area and production of horticultural crops in Madhya Pradesh State	DAC & FW MoA & FW, Govt. of India Madhya Pradesh State Govt.	01 June 2015	28 February 2018
48.	Testing and validation of alternative methodology developed by ICAR-IASRI for estimation of area and production of horticultural crops in Haryana State	DAC & FW, MoA & FW, Govt. of India haryana State Govt.	06 August 2015	05 May 2018
49.	Development of software for data entry and undertaking, analysis of data for storage losses in FCI/CWC godowns	AICRP on Post Harvest Technology, ICAR-CIPHET, Ludhiana	15 October 2015	31 March 2016