In so far as IC-IV Section is concerned, list of number of foreign collaborative Projects approved by the IC-IV Section, DARE is given below:

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| **S.No.** | **Name of Projects** |
|  | **Collaborative project entitled “Improving wheat as a source of essential micronutrients” under India Partnership Award submitted to Biotechnology and Biological Science Research Council (UK) with Dr. Peter Shewry, Rothamsted Research, UK** |
|  | **Approval for the project entitled “Food Safety and Standards in India” received from ICAR-IARI, New Delhi for collaboration with Griffith University, Australia under funding from Australia-Indian Council** |
|  | **Approval for the collaborative project entitled “Salinity and Sodicity mapping in 3D-Seeing is believing” received from ICAR-CSSRI, Karnal; CSAUAT Kanpur and University of NSW, Sydney, Australia** |
|  | **Approval for the collaborative project entitled “Evaluation costs and benefits of prophylactic health products and novel alternatives on smallholder aquaculture farmers in Asia and Africa (IMAQulate)” received from ICAR-CIFT, Kochi under DBT-BBSRC proposed under Newton Fund Global Research Partnership in Aquaculture** |
|  | **Approval for the collaborative project entitled “Characterization of nanostructure of buffalo milk” between ICAR-NDRI, Karnal and University of Queensland, Australia under ‘Australia-India Council Grants Programme, 2015 received from ICAR-NDRI, Karnal** |
|  | **Approval for Indo-French collaborative research project entitled “Spectral Assessment of Soil Services (SPASS)” received from National Bureau of Soil Survey and Land Use Planning (NBSS&LUP), Nagpur** |
|  | **Approval for the Indo-Norwegian collaboration through Department of Biotechnology (DBT)-Research Council of Norway (RCN)/NOFIMA project entitled “Genom Resist: Genomic selection for improved disease resistance of rohu carp and shrimp in India** |
|  | **Approval for Australian Centre for International Agril. Research (ACIAR) collaborative research project on “Cropping System Intensification in the salt-affected Coastal Zones of Bangladesh and West Bengal India” between ICAR-CSSRI, Karnal , CSIRO(Australia), Krishi Gobeshona Foundation (KGF), Bangladesh, BARI; BRRI; IWM; Khulna University and from India (CSSRI; BCKV West Bengal; Tagore Society for Rural Dev. (TSRD)** |
|  | **Approval for collaborative project proposal entitled “Assessment of food loss from selected gillnet and trammel net fisheries of India” in collaboration with Integrated Coastal Management (ICM), Kakinada Andhra Pradesh for a period of twelve months with full funding support through the Food and Agriculture Organization of the United Nations (FAO)- The said proposal is received from ICAR-CIFT, Kochi** |
|  | **Approval for collaborative project proposal entitled “Surveillance and interventions using Health approach: antimicrobial resistance in fish, fishing community and health care stings in India”. The said proposal is received from ICAR-CIFT, Kochi to be submitted under bilateral scientific and technological research cooperation between India-Sweden through the DST-Swedish Research Council. The collaborators are CIFT, VRC of Veraval (Gujarat) and Karolinska Institute, Department of Laboratory of Medicine, Sweden** |
|  | **Approval for foreign collaborative research project proposal entitled “The Symbiotic Microflora of Chewing Folivorous Lepidopterans and its interaction with entomonpathogenic microorganism” submitted by Dr. Vinay K Kalia, Principal Scientist, Division of Entomology, IARI for funding by DST (Indo-Russian Joint Research Proposal in the area of basic science under DST-RFBR cooperation**) |
|  | **Approval for collaborative project entitled “Genomic selection of fish & shell fish to improve food security” under bilageral Research Project Fund for S&T Cooperation in Biotechnology, DBT, Ministry of Science & Technology, Govt. of India. The collabortors are ICAR-CIFA, Bhubaneswar; La Trobe University; Flinders University; Melbourne University and James Cook University Queensland, Australia** |
|  | **Approval for collaborative project proposal entitled “Novel Molecular approaches for advancing prediction and mitigation of disease outbreaks in aquaculture for small scale farmers” under DBT (India) – BBSRC (UK) proposed under Newton Fund global Research Partnership (GRP) in Aquaculture- received from ICAR-CIFE, Mumbai** |
|  | **Approval for collaborative project proposal entitled “Metagenomic mapping of microbial diversity in rhizosphere of major crops of India and Argentina offsetting production potential” received from ICAR-IISS, Bhopal for forwarding to DST for funding under Indo-Argentina Programme of Cooperationi in Science and Technology** |
|  | **Approval for foreign collaborative research project proposal on “Genetic control and genomic selection for important traits in sugarcane and comparison of elite Indian and Australian Germplasm” under Indo-Australian Fund for S&T Cooperation in Biotechnology, (DBT-AISRF-Indo Australia collab. Res. Prog.) Received from Coimbatore. The Partner Institutes are ICAR-SBI, Coimbatore and sugar Research Australia (SRA), Queensland Australia** |
|  | **Approval for joint research grant proposal entitled “Rapid assessment and control of chemical and microbial hazards in food of animal origin” under India-Egypt Agreement on Science and Technology Cooperationi received from ICAR-NDRI, karnal for submission to the Department of Science and technology (DST) for funding** |
|  | **Approval for collaborative research project proposal on “Molecular mechanisms underlying symptom expression by plant viral suppressor of RNA silencing” under India-Japan Cooperative Science Programme of DST-JSPS Joint Research Project received from IARI, New Delhi** |
|  | **Approval for collaborative research project proposal on “Estimation herbage intake of small ruminants by n-alkanes analysis technique and developing strategies for sustainable production” received from ICAR-CSWRI, Avikanakar to be submitted to International Atomic Energy Agency (IAEA), Veinna, Austria under CRP Quantification** |
|  | **Approval for collaborative project entitled ‘AFEX (Ammonia Fibre Expension): a technology for addressing seasonality in access to quality cattle feed in India” the collaborators are NDRI and MBI (Michigan Biotechnolgy Institute) alongwith affiliate organization Michigan State University USA** |
|  | **03 years collaborative research project on “Strategic improvement of efficiency of preantral follicles and embryos of sheep and buffalo: Genomic changes with reference to apoptosis and developmental competence” under Indo-Hungarian inter-Governmental Science & Technology Cooperation Programme and jointly agreed by the DST and Hungarian National Innovation Office.** |
|  | **Cooperative agreement between Center for Disease Control and Prevention (CDC) Atlanta USA and ICAR-NIVEDI, Bengaluru through CDC India for the Collaborative research project on “Country wide surveillance for anthrax in livestock and mastitis in cattle for protection and improving health globally: Building and strengthening public health impact, systems capacity”.-** |
|  | **Collaborative project proposal entitled “Waste to wealth: Sustainable management of municipal solid waste” between ICAR-Indian Institute of Soils Science, Bhopal and CRC-CARE, University of Newcastle, Australia** |
|  | **Collaborative project on “Strengthening Agri-nutri linkage for Enhancing Nutritional Security and Empowering farm women in India: Leveraging Agriculture for Nutrition”** |
|  | **Collaborative project on “Understanding enzymatic activity in concentrated milk systems”--** |
|  | **Collaborative Research project on “Surveillance and molecular epidemiology of especially dangerous respiratory viruses in commercial and backyard poultry and migratory waterfowl in India”-** |
|  | **Collaborative Research project on “ASEAN Project on “Genetic Improvement of Hybrid Rice Parental Lines for Enhancing yield Heterosis”.** |
|  | **Collaborative Research project on “Production, Characterization and Standardization of an irradiated vaccine for surra caused by Trypanosomu evansi”** |
|  | **Collaborative Research project entitled: “Regulation of the Gonadotrophin-ovarian Axix by Kisspeptin-KISSI/R System in Cattle and buffaloes”** |
|  | **Collaborative Research project entitled: “Accompanying the adaption of irrigated agriculture to climate change (ATCHA Project)”** |
|  | **Collaborative Research project entitled: “Development of Sustainable Resources Management Systems in the water vulnerable areas of India”** |
|  | **Collaborative Research project entitled: “Optimizing sustainable use of forests whilst minimizing impacts of emerging zoonotic diseases: co-developing an interdisciplinary tool for forest ecosystems in India”** |
|  | **Collaborative Research project entitled: “Evaluation of Stress Tolerant Orphan Legumes for use in Dryland Farming Systems Across sub-saharan Africa and India-Promoting India-Africa Framework for Strategic Cooperation”.** |
|  | **Collaborative Research project entitled: “Benchmarks for ecosystem assessment: Indicators and guideline for practical ecosystem based fishery management (EBFM)”** |
|  | **Collaborative Research project entitled: “Development of an early warning system for economically important livestock diseases”-** |
|  | **Collaborative Research project entitled: “Improving Water Management, Agricultural Fund and Food Security in Drought Prone Areas”.** |
|  | **Contract Research project entitled: “Evaluation of POLY-4 (Polyhalite) in maize and wheat for enhanced yield, K and S use efficiency”** |
|  | **Collaborative Research project entitled: “Indo-Norwegian Initiative for sustainable and functional aqua feeds (INAFEED)”.** |
|  | **Collaborative Research project entitled: “climate resilient coastal protection and livelihoods planning in fisheries sector: Coastal Vulnerability Assessment for Local Self Governments”.** |
|  | **Collaborative Research project entitled: “Molecular Markers for improving Reproduction of Cattle and Buffaloes”.** |
|  | **Collaborative Research project entitled: “Belgian-Indian Networking in the field of the GMO research and analysis”.** |
|  | **Collaborative Research project entitled: “Oil Palm germplasm exchange for R&D between India and Malaysia”** |
|  | **Collaborative Research project entitled: “C.R. Edit-CRISPR/Cas9 editing to test and control genes implicated in influencing Aeromonas disease resistance in carp and salmon”** |
|  | **Collaborative Research project entitled: “Off-grid, clean energy cooling for affordable storage of perishables for BOP farmers”** |
|  | **Collaborative Research Project entitled: *Application of Next-Generation Breeding, Genotyping, and Digitalization Approaches for Improving the Genetic Gain in India Staple Crops*”** |
|  | **Three years India-UK Sandpit project entitled: “DOSA –Diagnostics for one Health and User Driven Solutions for AMR funded by DBT”** |
|  | **Collaborative Research Project entitled: Building Climate Resilience of Indian Small Holders through sustainable Intensification and Agro-ecological Farming system to Strengthen Food and Nutritional Security** |
|  | **Collaborative Research Project entitled: “Accelerating bovine tuberculosis control in developing countries-India”** |