

List of number of foreign collaborative Projects approved by DARE is given below:

| S.No. | Name of Projects  |
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| 1.    | <p><b>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</b></p> <p><i>The partners of the project are IARI, New Delhi, Rothamsted Research, University of Bristol and John Innes Centre of UK</i></p>   |
| 2.    | <p><b>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</b></p> <p><i>The partners of the project are IARI, New Delhi and Griffith University, Australia</i></p>   |
| 3.    | <p><b>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</b></p> <p><i>The collaborators of the project are CSSRI Karnal; CSAUAT Kanpur and University of NSW, Sydney, Australia</i></p>  |
| 4.    | <p><b>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</b></p> <p><i>The project partners of the project are CIFT, Kochi; Kerala University of Fisheries and Ocean Studies (KUKOS), Kerala; Kochin University of Science &amp; Technology (CUSAT), Kerala from Indian Side and University of Stirling, UK; Royal Veterinary College, UK; John Innes Centre, UK; Institute of Food Research Norwich, University of St. Andrews, University of Liverpool, World Fish, Ministry of Agriculture Livestock and Fisheries, Nairobi, Kenya and Bangladesh Agriculture University, Bangladesh as foreign agencies</i></p> |
| 5.    | <p><b>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</b></p> <p><i>ICAR-NDRI, Karnal and University of Queensland, Australia under</i></p>   |

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|     | <i>'Australia-India Council Grants Programme, 2015</i>   |
| 6.  | <p><b>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&amp;LUP), Nagpur</b></p> <p><i>The partners of the project are NBSS&amp;LUP, Nagpur, and IRSTEA Center of Grenoble, France</i></p>  |
| 7.  | <p><b>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</b></p> <p><i>The partners are CIFA, Bhubneshwar and CIBA, Chennai &amp; collaboration through Department of Biotechnology (DBT)-Research Council of Norway (RCN)/NOFIMA</i></p>  |
| 8.  | <p><b>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)</b></p> <p><i>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).</i></p> |
| 9.  | <p><b>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</b></p> <p><i>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.</i></p>                               |
| 10. | <p><b>Approval for collaborative project proposal entitled “Surveillance and interventions using Health approach: antimicrobial resistance in fish, fishing community and health</b></p>   |

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|     | <p><b>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</b></p> <p><i>The collaborators are CIFT, VRC of Veraval (Gujarat) and Karolinska Institute, Department of Laboratory of Medicine, Sweden</i></p>   |
| 11. | <p><b>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)</b></p> <p><i>Division of Entomology, IARI for funding by DST (Indo-Russian Joint Research Proposal in the area of basic science under DST-RFBR cooperation.</i></p>                                     |
| 12. | <p><b>Approval for collaborative project entitled “Genomic selection of fish &amp; shell fish to improve food security” under bilageral Research Project Fund for S&amp;T Cooperation in Biotechnology, DBT, Ministry of Science &amp; Technology, Govt. of India. The collabortors are ICAR-CIFA, Bhubaneswar; La Trobe University; Flinders University; Melbourne University and James Cook University Queensland, Australia</b></p> <p><i>The collabortors are ICAR-CIFA, Bhubaneswar; La Trobe University; Flinders University; Melbourne University and James Cook University Queensland, Australia</i></p> |
| 13. | <p><b>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</b></p> <p><i>The Collaborators are CIFE, Mumbai under DBT (India) – BBSRC (UK) proposed under Newton Fund global Research Partnership (GRP) in Aquaculture- received from ICAR-CIFE, Mumbai</i></p>   |
| 14. | <p><b>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</b></p>   |

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|     | <p><b>Cooperationi in Science and Technology</b></p> <p><i>ICAR-IISS, Bhopal DST for funding under Indo-Argentina Programme of Cooperation in Science and Technology</i></p>  |
| 15. | <p><b>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&amp;T Cooperation in Biotechnology, (DBT-AISRF-Indo Australia collab. Res. Prog.) Received from Coimbatore.</b></p> <p><i>The Partner Institutes are ICAR-SBI, Coimbatore and sugar Research Australia (SRA), Queensland Australia</i></p> |
| 16. | <p><b>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</b></p> <p><i>ICAR-NDRI, Karnal and India-Egypt Agreement on Science and Technology Cooperation</i></p>   |
| 17. | <p><b>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</b></p> <p><i>ICAR-IARI, New Delhi and India-Japan Cooperative Science Programme of DST-JSPS Joint Research Project, JAPAN</i></p>   |
| 18. | <p><b>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</b></p> <p><i>ICAR-CSWRI, Avikanakar and International Atomic Energy Agency (IAEA), Veinna, Austria under CRP Quantification</i></p>  |
| 19. | <p><b>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</b></p> <p><i>The collaborators are NDRI and MBI (Michigan Biotechnolgy</i></p>   |

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|     | <i>Institute) alongwith affiliate organization Michigan State University USA.</i>  |
| 20. | <p><b>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 &amp; Technology Cooperation Programme and jointly agreed by the DST and Hungarian National Innovation Office</b></p> <p><i>ICAR-NIANP, Bengaluru- Hungarian National Innovation Office, Govt. of Hungry.</i></p>  |
| 21. | <p><b>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</b></p> <p><i>ICAR-NIVEDI, Bengaluru- Center for Disease Control and Prevention (CDC), Atlanta USA</i></p> |
| 22. | <p><b>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</b></p> <p><i>ICAR-IISS, Bhopal- AISRF, Australia</i></p>   |
| 23. | <p><b>Collaborative project on “Strengthening Agri-nutri linkage for Enhancing Nutritional Security and Empowering farm women in India: Leveraging Agriculture for Nutrition”</b></p> <p><i>The collaborators are ICAR-Indian Agricultural Research Institute (IARI) and United Nations Development Programme (UNDP)</i></p>   |
| 24. | <p><b>Collaborative project on “Understanding enzymatic activity in concentrated milk systems”—</b></p> <p><i>ICAR- National Dairy Research Institute(NDRI), Karnal- University of Copenhagen, Denmark.</i></p>  |
| 25. | <p><b>Collaborative Research project on “Surveillance and molecular epidemiology of especially dangerous respiratory viruses in commercial and backyard poultry and migratory waterfowl in India”-</b></p> <p><i>International Collaboration with University of Minnesota, University of Pennsylvania and three SAU’s of India. (Lala Lajpat Rai University of Veterinary and Animal Sciences (LUVAS) Hisar, College of Vety.</i></p>  |

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|     | <i>&amp; Animal Science Pookode Kerala and College of Vety. Sc. &amp; Animal Husbandry, OUAT, Bhubaneswar, Odisha</i>  |
| 26. | <p><b>Collaborative Research project on “ASEAN Project on “Genetic Improvement of Hybrid Rice Parental Lines for Enhancing yield Heterosis”.</b></p> <p><i>The partners are ICAR- IIR, Hyderabad and NRRI, Cuttack- ASEAN India Cooperation Fund, Jakarta.</i></p>   |
| 27. | <p><b>Collaborative Research project on “Production, Characterization and Standardization of an irradiated vaccine for surra caused by Trypanosomu evansi”</b></p> <p><i>The Indian collaborators are Division of Parasitology, Indian Veterinary Research Institute (IVRI), Bareilly, IAEA and IIT Rorkee</i></p>   |
| 28. | <p><b>Collaborative Research project entitled: “Regulation of the Gonadotrophin-ovarian Axis by Kisspeptin-KISSI/R System in Cattle and buffaloes”</b></p> <p><i>The collaborators are Animal Reproduction Research Institute, A.R.C. GIZA, EGYPT and ICAR-NDRI, Eastern Regional Station, Kalyani (W.B.).</i></p>   |
| 29. | <p><b>Collaborative Research project entitled: “Accompanying the adaption of irrigated agriculture to climate change (ATCHA Project)”</b></p> <p><i>The partners are ICAR- NBSS&amp;LUP, Nagpur- Institut National de la Recherche Agronomique (INRA), France</i></p>  |
| 30. | <p><b>Collaborative Research project entitled: “Development of Sustainable Resources Management Systems in the water vulnerable areas of India”</b></p> <p><i>The partners are ICAR-IARI, New Delhi, CSSRI, Karnal- JIRCAS, Japan</i></p>  |
| 31. | <p><b>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”</b></p> <p><i>The partners are ICAR- National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru- ICAR- Medical Research Council (MRC), NERC Centre for Ecology and Hydrology, Swidon, UK</i></p> |
| 32. | <p><b>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</b></p>   |

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|     | <p><b>Framework for Strategic Cooperation”.</b></p> <p><i>The partners are ICAR-NBPGR, New Delhi- Kirkhouse Trust Unit 6, England</i></p>  |
| 33. | <p><b>Collaborative Research project entitled: “Benchmarks for ecosystem assessment: Indicators and guideline for practical ecosystem based fishery management (EBFM)”</b></p> <p><i>The partners are ICAR-CMFRI, Kochi- CSIRO, Australia</i></p>  |
| 34. | <p><b>Collaborative Research project entitled: “Development of an early warning system for economically important livestock diseases”-</b></p> <p><i>The partners are ICAR-NIVEDI, Bengaluru- NIVEDI, Bengaluru, CE&amp;H, UK</i></p>  |
| 35. | <p><b>Collaborative Research project entitled: “Improving Water Management, Agricultural Productivity and Food Security in Drought Prone Areas” under US-India 21st Century Knowledge Initiative Grant Program of USIEF.</b></p> <p><i>The partners are ICAR-IARI, New Delhi and University of Nebraska, USA.</i></p>  |
| 36. | <p><b>Contract Research project entitled: “Evaluation of POLY-4 (Polyhalite) in maize and wheat for enhanced yield, K and S use efficiency”</b></p> <p><i>The partners are ICAR-IARI, New Delhi- SIRIUS Minerals Plc. (Sirius), London, UK</i></p>   |
| 37. | <p><b>Collaborative Research project entitled: “Indo-Norwegian Initiative for sustainable and functional aqua feeds (INAFEED)”.</b></p> <p><i>The partners are ICAR-CIBA, Chennai- NIFES, Norway</i></p>   |
| 38. | <p><b>Collaborative Research project entitled: “climate resilient coastal protection and livelihoods planning in fisheries sector: Coastal Vulnerability Assessment for Local Self Governments”.</b></p> <p><i>The partners are NAARM, Hyderabad- DIFD, UK</i></p>   |
| 39. | <p><b>Collaborative Research project entitled: “Molecular Markers for improving Reproduction of Cattle and Buffaloes”.</b></p> <p><i>The Collaborators/partners are Central Institute for Research on Buffaloes, Hisar, ICAR-Indian Agricultural Statistical Research Institute, New Delhi, Southern regional station of NDRI, Bengaluru and Bill &amp; Milinda Gates Foundation, USA.</i></p> |
| 40. | <p><b>Collaborative Research project entitled: “Belgian-Indian Networking in the field of the GMO research and analysis”.</b></p> <p><i>The collaborators are NBPGR, New Delhi and Scientific Institute of</i></p>   |

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|     | <i>Public Health, Brussels, Belgium.</i>   |
| 41. | <p><b>Collaborative Research project entitled: “Oil Palm germplasm exchange for R&amp;D between India and Malaysia”</b></p> <p><i>Extension of Collaborative Research Project entitled: “Oil Palm germplasm exchange for R&amp;D between India and Malaysia” till March, 2019, to facilitate the transfer of twenty oil palm germplasm accession through NBPGR</i></p>   |
| 42. | <p><b>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”</b></p> <p><i>The collaborators are ICAR-CIFA, Bhubaneswar; SRM University, Chennai; Nofima and Norwegian University of Life Sciences, Norway. Duration of project is 3 years.</i></p>   |
| 43. | <p><b>Collaborative Research project entitled: “Off-grid, clean energy cooling for affordable storage of perishables for BOP farmers”</b></p> <p><i>The partners are ICAR-IARI, New Delhi- PEER, USAID, USA</i></p>  |
| 44. | <p><b>Collaborative Research Project entitled: <i>Application of Next-Generation Breeding, Genotyping, and Digitalization Approaches for Improving the Genetic Gain in India Staple Crops</i></b></p> <p><i>The collaborators of the aforesaid projects are ICAR-IARI (Lead Institute) and Bill and Melinda Gates Foundation (BMGF), USA along with IIMR, Hyderabad, IIPR, Kanpur, CPRI, Shimla, NRRI, IIRR, IIWBR, ICAR-Chickpea (AICRP), ICAR-Pearl Millet (AICRP), ICAR, CPRI (AICRP), ICAR, IASRI from ICAR side and CGIAR Collaborators, ICRISAT, EIB CIMMYT.</i></p> |
| 45. | <p><b>Three years India-UK Sandpit project entitled: “DOSA – Diagnostics for one Health and User Driven Solutions for AMR funded by DBT”</b></p> <p><i>The Collaborators are ICAR-NDRI, Karnal and UK; DBT; University of Edinburg; University of Bradford; University of Southampton; University of the Arts London; University of Edinburg; Indian Institute of Technology, Delhi; Central Institute of Fisheries Tech; ICAR-CIFT; ICAR-NDRI, Karnal; Assam University; Silchar Medical College and Hospital; Ctr for Cellular &amp; Molecular Platforms.</i></p>        |
| 46. | <p><b>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</b></p>  |



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|     | <p><i>The project partners are ICAR-NRRI, Cuttack- Norwegian Institute of Bio-economy Research (NIBIO), Norway</i></p>  |
| 47. | <p><b>Collaborative Research Project entitled: “Accelerating bovine tuberculosis control in developing countries-India”</b></p> <p><i>The Collaborators are TANUVAS, Chennai, IVRI Kolkata, LUVAS Hisar, GADVASU Ludhiana &amp; IAH&amp;VB Bengaluru, Pennsylvania State University, USA, University of Cambridge, UK and APHA, Surrey, UK.</i></p>   |
| 48. | <p><b>ICAR-CABI collaborative research project entitled</b></p> <p>a) Insect Biodiversity Documentation in Sikkim Region including research in potential for biological control of <i>Hedychium</i> species using Indian natural enemies</p> <p>b) Insect and fungal pathogen biodiversity documentation in the Indian Himalayan region (Himachal Pradesh) and Nilgiri Mountains (Tamil Nadu) including research into potential for biological control of <i>Rubus ellipticus</i> and <i>R. niveus</i> using Indian natural enemies</p> <p>c) Fungal pathogen biodiversity documentation in the Indian Himalayan region (Himachal Pradesh and Uttaranchal) including research into the potential for biological control of <i>Impatiens glandulifera</i> using Indian natural enemies involving transfer/exchange of biological resources insects and pathogens or information relating thereto between Indian Council of Agricultural Research (ICAR-NBAIR, ICAR-IARI &amp; ICAR-NBAIM) and CABI, UK</p> |
| 49. | <p><b>Collaborative research project entitled “Establishing the International Mungbean Improvement Network” between ICAR-Indian Institute of Pulse Research (IIPR), Kanpur and World Vegetable Centre (AVRDC)</b></p> <p><i>The Collaborators are ICAR-Institute of Pulses Research (IIPR), Kanpur, World Vegetable Centre (AVRDC), Taiwan, Australian Centre for International Agriculture Research (ACIAR)</i></p>  |
| 50. | <p><b>Collaborative work plan project entitled “ICAR-International Potato Center Collaboration” between Indian Council of Agricultural Research (ICAR) and International Potato Center (CIP)</b></p> <p><i>The Collaborators/Institutes involved are ICAR-CPRI, Shimla for Potato &amp; ICAR-CTCRI, Thiruvananthapuram for Sweet potato</i></p>   |
| 51. | <p><b>Collaborative research project entitled “Improving Crop-Water Productivity in Khadin Systems in Rajasthan” between International Center for Agricultural Research in the dry areas (ICARDA) and Central Arid Zone Research Institute (ICAR-CAZRI) within the ICAR-ICARDA Collaborative Research Projects (2017-18 to 2021-22)</b></p> <p><i>The Collaborators are International Center for Agricultural Research in the dry areas (ICARDA) and Central Arid Zone Research Institute (ICAR-CAZRI)</i></p>  |

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| 52. | <p><b>Collaborative research project entitled “Promoting Cactus (<i>Opuntia ficus- indica</i>) as drought-resistant feed resources under different Agro-Ecological Production systems Across India” between International Center for Agricultural Research in the dry areas (ICARDA) and Central Arid Zone Research Institute (ICAR-CAZRI) within the ICAR-ICARDA Collaborative Research Projects (April 01, 2017 to March 31st, 2022)</b></p> <p><i>The Collaborators are International Center for Agricultural Research in the dry areas (ICARDA) and Central Arid Zone Research Institute (ICAR-CAZRI), RRS Bhuj Gujarat</i></p>  |
| 53. | <p><b>Collaborative research project entitled “Exploitation of Inter-specific Diversity for Durum Wheat Improvement. The duration of the project was 2015-2018 -and extended for the year 2019. ICAR-IIWBR, Karnal is included as partner for the extended period of the project. The project has funding from Global Crop Diversity Trust, Bonn, Germany.</b></p> <p><i>The project partners are University of Nottingham, International Center for Agricultural Research in the Dry Areas (ICARDA) and International Wheat and Maize Research Centre (CIMMYT) and ICAR-Indian Institute of Wheat &amp; Barley Research (IIWBR), Karnal</i></p>   |
| 54. | <p><b>Collaborative research project entitled “Bio-fortification of rice”. The duration of the project is 3 years from 2018 onwards. HPlus program of CGIAR is Coordinated by CIAT, Columbia and IFPRI, Washington</b></p> <p><i>The Project’s Lead institute is ICAR-IIRR, Hyderabad and Collaborating Institutes are ICAR-NRRI, Cuttack and IGKV-Raipur</i></p>  |
| 55. | <p><b>Collaborative research project entitled “Indo-Swiss collaboration in Biotechnology Improvement of pigeonpea for plant type, early maturity, pod borer resistance and moisture stress tolerance”. The duration of the project is 2015-2019.</b></p> <p>MoU/Workplan of the project is:-</p> <ol style="list-style-type: none"> <li>1. Identification of QTLs, genes and markers for key agronomic and quality traits for use in pigeon pea breeding including plant type, yield, milling, cooking and nutritional qualities.</li> <li>2. Development of high yielding early maturing dwarf pigeon pea varieties.</li> </ol> <p><i>Multiparty agreement with India (DBT) and Switzerland.</i></p> <p><i>Collaborating Institute is ICAR-National Institute for Plant Biotechnology and Scientist Involved is Prof. N K Singh</i></p> |

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| 56. | <p><b>Collaborative research project entitled “Indo-UK Centre for the Improvement of Nitrogen use efficiency in Wheat (INEW) Partners”.<br/>The duration of the project is 2016-2019.</b></p> <p>MoU/Workplan of the project is:-</p> <ol style="list-style-type: none"> <li>1. Funding will be by BBSRC for UK partners and by DBT for Indian partners.</li> <li>2. There will be exchange of materials and intellectual properties between the countries.</li> <li>3. BBSRC-UK has provision for sponsoring Scientific Exchange Visit under the project.</li> </ol> <p><i>Multiparty agreement with India (DBT) and United Kingdom.</i></p> <p><i>Collaborating Institute is ICAR-National Institute for Plant Biotechnology and Scientist Involved is Dr. P K Mandal</i></p>  |
| 57. | <p><b>Collaborative research project entitled “Indo-Swiss collaboration in Biotechnology Improvement of pigeonpea for plant type, early maturity, pod borer resistance and moisture stress tolerance”.<br/>The duration of the project is 2015-2019.</b></p> <p>MoU/Workplan of the project is:-</p> <ol style="list-style-type: none"> <li>1. Classified wild relatives of pigeon pea resistant to pod borer.</li> <li>2. Generation of transcriptome and proteome profiles of the shortlisted resistant wild relatives of pigeon pea</li> <li>3. Identified candidate genes for pod borer resistance through data integration</li> <li>4. Developed robust protocol for validation of genes by expression &amp; bioassay analysis</li> <li>5. Validated genes effective against <i>H. armigera</i> proven for insect resistant in literature.</li> </ol> <p><i>Multiparty agreement with India (DBT) and Switzerland.</i></p> <p><i>Collaborating Institute is ICAR-National Institute for Plant Biotechnology and Scientist Involved is Dr. Rohini Sreevathsa</i></p> |