

List of on-going Adhoc/AICRP Projects 2017-18:

| S.No. | Title | P.I. | Budget | Funding Agency | Date of Start |
|--|---|--------------------------|--------|----------------|---------------|
| Department of Bio-Technology (DBT)=12 | | | | | |
| 1. | Socioeconomic up-liftment of rural women through development of value added meat products | Dr. Sunil Kumar | 13.22 | DBT, New Delhi | Sept.,2013 |
| 2 | Erucic acid profiling and introgression of low erucic acid trait in desirable cultivars of <i>Brassica juncea</i> L. (DBT) | Dr. Gyanendra Kumar Rai, | 34.85 | DBT, New Delhi | Sept., 2014 |
| 3. | Isolation, identification and characterization of plant viruses affecting solanaceous crops in different agro climatic zones of Jammu region | Dr. Ranbir Singh, | 51.97 | DBT, New Delhi | June,2015 |
| 4. | Expression profiling of dof genes for accumulation of seed storage protein and nitrogen profiling in beans (Rajmash) | Dr. Moni Gupta | 40.11 | DBT, New Delhi | May, 2015 |
| 5. | Exploration of respiratory meta-genome of small ruminants and establishment of referral diagnostic facility | Dr. Anil Taku | 14.37 | DBT, New Delhi | April, 2015 |
| 6. | Development of semi-dwarf blast and bacterial blight resistant version of Ranbir Basmati by marker assisted backcross breeding | Dr. R.K. Salgotra | 60.2 | DBT, New Delhi | June, 2015 |
| 7. | Genetic dissection of heat tolerance in wheat using multiple bi-parental RIL mapping populations | Dr. Bikram Singh | 130.52 | DBT, New Delhi | June, 2015 |
| 8. | Economic empowerment of rural goat farmers through scientific intervention in block R.S. Pura of Jammu Division | Dr. J.S. Soodan | 24.16 | DBT, New Delhi | June, 2015 |
| 9. | SSR based Germplasm characterization for resistance to powdery mildew in cucumber (<i>Cucumis sativus</i> L.) | Dr. Susheel Sharma | 32.53 | DBT, New Delhi | June, 2015 |
| 10. | Exploitation of existing bio-diversity for sustainability and farm profitability under rainfed agriculture | Dr. Meenakshi Gupta | 24.53 | DBT, New Delhi | June, 2015 |
| 11. | Community based mass production for bio-agents in J&K: Popularization of low cost technology for agri entrepreneurship through farm based bio-control units | Dr. R.K. Gupta | 31.86 | DBT, New Delhi | Dec., 2015 |
| 12. | Molecular Characterization of <i>Dichelobacter nodosus</i> and development | Mohd.Altaf Bhat | 39.07 | DBT, New Delhi | June,2017 |

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| | of recombinant vaccine against ovine foot rot | | | | |
| Department of Science and Technology=16 | | | | | |
| 1. | Farmers' participatory collection, characterization and conservation of endangered genetic diversity of ginger (<i>Zingiber officinale</i> Rosc.) in Shivaliks | Dr. Susheel Sharma | 6.96 | DST, New Delhi | Aug.,2014 |
| 2. | Molecular marker assisted introgression and validation of blast resistance genes in the rice cultivar K 343 recommendation for the hill zone of Jammu and Kashmir | Dr. Manmohan Sharma | 30.29 | DST, New Delhi | Dec.,2014 |
| 4. | Demonstration of techniques for improving productivity of rainfed areas in Jammu district | Dr. R.K. Srivastava | 59.36 | DST, New Delhi | Oct., 2015 |
| 5. | Genome wide analysis of small c-terminally encoded peptide (CEP) multigene family and elucidating its role in abiotic stress tolerance in rice (<i>Oryza sativa</i> L.) | Dr. Sumita Kumari | 6.2 | SERB, New Delhi | March, 2015 |
| 6. | Technological interventions to improve production of dairy and poultry in rainfed areas of Jammu district | Dr.Rajesh Katoch | 39.74 | DST, New Delhi | June,2016 |
| 7. | Estimation and Evaluation of anti-microbial residues in foods of animal origin in Jammu region and their impact on human health | Dr.Mudasir Sultana | 63.00 | DST, New Delhi | June,2016 |
| 8. | Revival of village ponds through scientific intervention | Dr.Vivek M.Arya | 41.00 | DST, New Delhi | Sept,2016 |
| 9. | Diagnosis and interventional strategies for prevention and control of common parasitic zoonoses of livestock and their reares belonging to schedule caste and schedule tribe population for socio-economic upliftment | Dr. Mohd. Rashid | 10.2 | DST, New Delhi | Oct.,2016 |
| 10. | Rural Women Technology Park in Deoli Village, Bishnah Block, Jammu District, J&K State (Technological interventions in clean meat, milk, fish production and socio economic empowerment of rural women through training's on value added livestock products)" | Dr Arvind Kumar | 43.33 | DST, New Delhi | Dec.,2016 |

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| 11. | Assessment of impact of thermal stress on dairy animals of Jammu region and designing low-cost input management interventions for its amelioration | Dr. Dipanjali Kanwar | 58.00 | DST, New Delhi | Jan.,2017 |
| 12. | Synthesis of new gene pool following introgression of disease resistance and drought tolerance genes from secondary(<i>Phaseolus coccineus</i> L.) and tertiary (<i>Phaseolus acutifolius</i> L.) gene pools into cultivated <i>Phaseolus vulgans</i> L. | Dr.Sanjeev kumar | 40.00 | SERB, NewDelhi | March,2017 |
| 13. | Enhancement of Livelihood Security among Livestock rearers through Technological Interventions | Dr.Ravleen Kour,M.V.Sc., student | 21.4 | Women Scientist Scheme-B,DST | June,2017 |
| 14. | Networking project on revival of village ponds through scientific interventions under the theme managing water cycle including, rain water storage for sustain water productivity in plains. | Dr.Vivek M.Arya, Assistant Professor,Div. of Soil Science,FOA | 28.82 | DST, New Delhi | June,2017 |
| 15. | Identification of casual SNP's in promoter sequence of CO-5 and development of functional gene based markers for Anthracnose resistance in common bean(<i>Phaseolus vulgaris</i> L.). | Dr. R. K. Salgotra School of Biotechnology | 20.59 | DST, New Delhi | Aug.,2017 |
| 16. | Identification of candidate genes associated with drought-stress response and tolerance in rice by high-throughput sequencing. | Dr.Mehak Gupta,PDF, School of Biotechnology | 19.20 | DST-SERB | May,2017 |

Ministry of Human Resource Development(MHRD)=1

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|----|---|------------------|-----|------|------|
| 1. | All India Survey on Higher Education (AISHE). | Dr. S.E.H. Rizvi | Nil | MHRD | 2011 |
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Rashtriya Krishi Vikas Yojna (RKVY)=16

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|----|--|------------------|---|------|-----------|
| 1. | Entrepreneurship development in organic farming for sustainable livelihood security of small & marginal farmers. | Dr. N.Panotra | 3 | RKVY | June,2016 |
| 2. | Composting technology for farm waste management and nutrient recycling. | Dr.Pradeep Wali | 2 | RKVY | June,2016 |
| 3. | Commercial vegetable seed and seedlings production for remunerative farming. | Dr.Arvinde Kumar | 1 | RKVY | July,2017 |

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| 4. | Livestock management for health and higher productivity. | Dr R.K.Sharma | 1 | RKVY | July,2017 |
| 5. | Farm mechanization for reducing cost of production and productivity enhancement. | Dr.Satish Sharma. | 5 | RKVY | July,2017 |
| 6. | Commercial sustainable flower production in Jammu province through dissemination of crop production & protection technologies. | Dr.Shahid Ahamad | 2 | RKVY | July,2017 |
| 7. | Condensed tannins enriched multi-nutrient blocks for livestock production and health | Dr.Rajeev Singh | 1 | RKVY | July,2017 |
| 8. | Technological interventions for promotion of Bhaderwah Rajmash | Dr.Rohit Kumar Sharma | 2 | RKVY | July,2017 |
| 9. | Large scale demonstrations on bio-pesticides for eco-friendly management of high value crops | Dr.S.K.Singh | 2 | RKVY | July,2017 |
| 10. | High cropping intensity technology transfer for income enhancement at the farm | Dr.B.C. Sharma | 2 | RKVY | July,2017 |
| 11. | Promotion of climatic resilient varieties for sustainable crop production | Dr.Bhupesh Kumar | 3 | RKVY | July,2017 |
| 12. | Participatory varietal evaluation and seed production | Dr.Amitesh Sharma | 2 | RKVY | July,2017 |
| 13. | Organic seed production entrepreneurship in cash crops | Dr.Satesh Kumar | 2 | RKVY | July,2017 |
| 14. | <i>In situ</i> moisture conservation for higher maize production under rainfed conditions | Dr.A.P. Singh | 1.2 | RKVY | July,2017 |
| 15. | Development of organic production pacakage for field crops | Dr. Vikas Sharma | 37.5 | RKVY | March, 2016 |
| 16. | Demonstration of agro-techniques and mass production of planting material of kala zeera in Paddar Valley | Dr.Sushil Kr.Gupta | 1.0 | RKVY | 2016-17 |

Application of Microorganisms in Agriculture and Allied Sectors (AMAAS) =2

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|----|--|------------------|-------|---------------------------------|-------------|
| 1. | Exploration of Plant Growth Promoting Rhizo-bacteria antagonistic and plant pathogenic microbial resources from high altitude agro-climatic/cropping systems of Jammu and Kashmir State for sustainable agriculture... | Dr. Vishal Gupta | 43.82 | AMAAS NBAIM (ICAR) Mau | April, 2014 |
| 2. | Degradation and effective utilization of agro-wastes through technologies evolving mushroom or macro-fungi... | Dr. Sachin Gupta | 38.92 | AMAAS NBAIM (ICAR),Mau | April, 2014 |

| National Bank For Agriculture and Rural Development (NABARD)=9 | | | | | |
|--|---|--------------------------------|--------|-----------|---------------|
| 1. | Production & demonstration of quality planting material of commercially important cut and loose flowers in Jammu region under FITF. | Dr. R.K.Pandey | 8.68 | NABARD | Oct.,2014 |
| 2. | Commercial production of vegetable seedlings for livelihood security: An entrepreneurship venture . | Dr.Manoj Kumar | 9.9 | NABARD | March, 2014 |
| 3. | Interventional strategies for prevention and control of common parasitic zoonoses of sheep, goats and nomadic women for socio-economic upliftment of nomads . | Dr. Mohd. Rashid | 2.7 | NABARD | March, 2015 |
| 4. | Promotion of vermi-composting and vermi-wash as a Venture for the upliftment of socio-economic status of the rural youth district Jammu and Samba . | Dr. Pardeep Kumar Rai, | 9.53 | NABARD | January, 2016 |
| 5. | Scientific intervention for validation and popularization of traps intensive insect pest management in vegetable growing areas of Jammu region . | Dr. Devinder Sharma | 8.58 | NABARD | January, 2016 |
| 6. | Training and demonstration of Leaf Color Chart (LCC) based fertilizer N management to farmers under Climate Smart Agriculture Practices (CSAP) . | Dr. Vivak M. Arya, | 9.859 | NABARD | January, 2016 |
| 7. | Production and demonstration of quality planting material of commercially important medicinal trees for livelihood security. | Dr. Punit Choudhary | 10.97 | NABARD | January, 2016 |
| 8. | On-farm training and demonstration of biochar for carbon sequestration and climate change mitigation in kandi belt of Jammu. | Dr. Peeyush Sharma | 9.94 | NABARD | January, 2016 |
| 9. | Setting of Spawn production | Dr. Amrish Vaid | 10.00 | NABARD | 2015 |
| National Food Security Mission (NFSM)=2 | | | | | |
| 1. | Quality seed production for higher productivity of pulses through farmer's participatory programme in Shiwalik foot hills of Jammu region (NFSM) | Dr. Brij Nandan | 48.96 | (NFSM) | 2015 |
| 2. | Creation of seed hubs for increasing indigenous production of pulses in India | Dr.B.S. Jamwal (Nodal Officer) | 150.00 | NFSM Cell | 2017 |
| Horticulture Mission for North East Himalayas (HMNEH) (MIDH)=17 | | | | | |
| 1. | Commercial promotion of Mandarin | Dr.Kiran | 4.55 | MIDH | Aug.,2017 |

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| | and Tangerine citrus in Jammu Province. | Kour | | | |
| 2. | Development of Commercial orchards in <i>anardana</i> in Jammu Province | Dr.Parshant Bakshi | 4.67 | MIDH | Aug.,2017 |
| 3. | Popularization of useful microbial commercial formulation for sustainable horticulture promotion | Dr.Vishal Gupta | 14.4 | MIDH | Aug.,2017 |
| 4. | Demonstrations and Trainings of Plant Protection Technologies for Organic Farming of Vegetable crops | Dr.S.K.Singh | 4 | MIDH | Aug.,2017 |
| 5. | Commercialization of high yielding Litchi cultivars through farmers participation programme in Jammu subtropics | Dr.Rakesh Kumar | 5.51 | MIDH | Aug.,2017 |
| 6. | Promotion of peacanut and walnut in low temperate climatic zone of Jammu province through quality planting material | Dr.Vinod Gupta | 10.3 | MIDH | Aug.,2017 |
| 7. | Standardization and Promotion of Growing Media-Mix for profitable horticulture in the Jammu region. | Dr.P.K.Rai | 5 | MIDH | Aug.,2017 |
| 8. | Dissemination of plant protection technologies for Sustainable Commercial Vegetable production in Jammu province. | Dr. Shahid Ahamad | 5.05 | MIDH | Aug.,2017 |
| 9. | Technology Refinement and Dissemination of Quality Seed Production of Gladiolus and Marigold (African and French). | Dr.Arvindeer Singh | 4 | MIDH | Aug.,2017 |
| 10. | “Refinement and dissemination of nutrition and irrigation modules for sustainable orchard management and better soil quality in orchards of Jammu region. | Dr.Vivek M.Arya | 4 | MIDH | Aug.,2017 |
| 11. | Production of quality planting materials through Tissue culture | Dr.Sheetal Dogra | 8 | MIDH | Aug.,2017 |
| 12. | Technical interventions for high density organic fruit orchard | Dr.Akas Sharma | 8.47 | MIDH | Aug.,2017 |
| 13. | Doubling quality planting material production of apples in Jammu Province | Dr.Mahital Jamwal | 4 | MIDH | Aug.,2017 |
| 14. | Mechanization for integrated development of Horticulture | Dr.Sushmita M.Dadichi | 18.05 | MIDH | Aug.,2017 |
| 15. | Establishment of biological control laboratory in SKUAST-J (MIDH) | Dr. Kamlesh Bali and Dr Vishal Gupta | 90 | HMNEH (MIDH) | June,2014 |
| 16. | Centre of Excellence for Horticulture | Director | 1000.00 | MIDH | June,2015 |

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| | (MIDH) | Research | | | |
| 17. | Setting up of New Tissue Culture Unit (MIDH) | Dr. V.K. Wali, | 6.00 | MIDH | July,2015 |
| National Mission for Sustainable Agriculture (NMSA)=3 | | | | | |
| 1. | Establishment of micro irrigation systems under On farm water management component (NMSA) | Dr. Susheel Sharma | 43.96 | NMSA | Dec.,2014 |
| 2. | Soil sampling /analysis under Soil Health card (NMSA) | Dr.K.R. Sharma | 1.00 | NMSA | Nov.,2016 |
| 3. | Updation of District Agriculture Contingency Plan | Dr.Abhijeet Samanta | 3.00 | NMSA | Feb.,2017 |
| UMEED....Govt. Of J&K=1 | | | | | |
| 1. | Creation & capacity building of women self help group members from UMEED as paravets (Pashu Sakhi) of Jammu Division of J&K State.... | Dr. M.S. Bhadwal | 14.57 | UMEED.... Govt. Of J&K | May, 2015 |
| Defence R & D Establishment, Ministry of Defence, Jhansi Road, Gwalior=1 | | | | | |
| 1. | Screening of suspected animal samples for the presence of <i>Coxiella burnetii</i> (DRDE) | Dr. S.K. Kotwal | 5.95 | Defence R&D Establishment | April, 2015 |
| Department of Atomic Energy(DAE),Board of Research in Nuclear Sciences(BRNS)=1 | | | | | |
| 1. | Induction of Anthracnose resistant mutants in locally adopted genotypes of Rajmash(<i>Phaseolus vulgaris</i> L.) | Dr. Sanjeev Kumar | 29.80 | DAE-BRNS | Aug.,2017 |
| Directorate of Agriculture, Talab Tillo, Jammu=2 | | | | | |
| 1. | Centre of Excellence in Vegetables | Dr.R.K.Gupta, Vegetable Science | 100 | Directorate of Agriculture | Jan.,2017 |
| 2. | Climate Resilient Sustainable Agriculture Project-Bhalwal | Dr.Anil Sharma,ACR A,Dhiansar | 10 | Directorate of Agriculture | Jan.,2017 |
| ICAR funded projects under NAIP, Mega Seed Project, NICRA etc. (All long Term)=7 | | | | | |
| 1. | Seed Production in Agricultural Crops | Dr. Pradeep Bali | 10.28 | Directorate of Seed Research (ICAR) | 2010 |
| 2. | National Initiative on Climate Resilient Agriculture (AICRPAM-NICRA) | Dr. Mahender Singh | 20.57 | CRIDA (ICAR), Hyderabad | 2011 |
| 3. | National Initiative on Climate Resilient | Dr. | 12.3 | CRIDA | 2011 |

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| | Agriculture, AICRPDA-NICRA-Component-II | A.P.Singh | | (ICAR), Hyderabad | |
| 4. | National Initiative on Climate Resilient Agriculture (AICRP) | Dr. Amrish Vaid | Yearly variable | CRIDA (ICAR), Hyderabad | 2012 |
| 5. | Soil erosion mitigation and carbon sequestration potential of climate resilient agriculture practices in foothill shivaliks of Jammu province | Dr.Vikas Sharma | 41.75 | NICRA | 2016 |
| 6. | Exploring economic opportunities for farmers of kandi villages through application of proven rainfed technologies | Dr.R.K. Arora | 16.77 | ICAR | Jan.,2017 |
| 7. | Development of sensitive and specific diagnostic assay for the detection of warble fly infestation in goats and eradication of disease from Jammu and Kashmir | Dr.Anish Yadav,Div. of Veterinay Parasitology | 250.00 | ICAR | June,2017 |
| IMD=1 | | | | | |
| 1. | Forecasting Agricultural Output using Space, Agrometerology and Land based observations (FASAL), Jammu | Dr. Mahender Singh | 11.15 | IMD (MOES), New Delhi | 2011 |
| NHB(National Horticulture Board)=1 | | | | | |
| 1. | Establishment of mother plant nurseries for high pedigree plant material for fruit crops | Dr. V. K. Wali | 43 | NHB, Gurgaon | 2012 |
| AICRP (Main Centres)=11 | | | | | |
| 1. | All India Co-ordinated Rice Improvement Project, Chatha | Dr. Anil Gupta | 75:25 (ICAR: State) | IIRR, (ICAR) Hyderabad IIRR, (ICAR) Hyderabad | 1998 |
| 2. | All India Co-ordinated Project on Wheat and Barley, Chatha | Dr. Tuhina Dey | 75:25 (ICAR: State) | IIWBR (ICAR) Karnal | 2002 |
| 3. | All India Co-ordinated Research Project on Dryland Research | Dr. A P Singh | 75:25 (ICAR: State) | CRIDA (ICAR), Hyderabad | 1972 |
| 4. | All India Co-ordinated Research Project on Integrated Farming System, Chatha | Dr. N.P. Thakur | 75:25(ICAR: State) | PDFSR (ICAR), Modipurram | 1982 |
| 5. | All India Co-ordinated Research Project on Water Management, Chatha | Dr. A.K. Raina | 75:25(ICAR: State) | DWM (ICAR) Bhuneswar | 1984 |
| 6. | All India Co-ordinated Research Project | Dr. B.S. | 100 % | IIPR (ICAR) | 1995 |

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| | on Chickpea | Jamwal | ICAR | Kanpur | |
| 7. | All India Co-ordinated Research Project on Agrometeorology, Chatha | Dr. Mahender Singh | 75:25 (ICAR: State) | DRMR (ICAR) Bharatpur | 2009 |
| 8. | All India Co-ordinated Research Project on Rapeseed and Mustard, Chatha | Dr. S.K. Gupta | 75:25 (ICAR: State) | CRIDA (ICAR), Hyderabad | 1998 |
| 9. | All India Co-ordinated Research Project on Maize, Udhampur | Dr. R.S. Sudan | 75:25 (ICAR: State) | IIMR (ICAR) New Delhi | 2006 |
| 10. | All India Co-ordinated Research Project on Weed Management | Dr.B.R. Bazaya | 75:25 (ICAR: State) | DWSR (ICAR) Jabalpur | 2015 |
| 11. | All India Co-ordinated Research Project on Honeybee and Pollinators | Dr. Devender Sharma | 75:25 (ICAR: State) | IARI (ICAR) New Delhi | 2015 |

Networking/AICRP (Voluntary Centers) presently operating in the University with nominal funds (Long Term)=5

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|----|---|----------------------|--|--|-----------|
| 1. | Conservation of Lac Insect Genetic Resources | Dr. R.K. Gupta | 53.93 | ICAR, New Delhi | June,2014 |
| 2. | Outreach Programme on Zoonotic Disease | Dr. S.K. Kotwal | 55 | IVRI(ICAR), IzatNagar, Bareilly | Feb.,2015 |
| 3. | Integrated Agro Advisory Services (Jammu) | Dr. Mahender Singh | As per requirement /yr 100 % funded by IMD | IMD(Ministry of Earth Sciences), New Delhi | 1995 |
| 4. | Agro Advisory Services (Rajouri) mid to high intermediate zone of J&K (Gramin Krishi Mausam Sewa) | Dr Rohit Sharma (TO) | As per requirement /yr 100 % funded by IMD | IMD(Ministry of Earth Sciences), New Delhi | 2007 |
| 5. | Biotic Stress management in wheat triple Rust | Dr. Tuhina Dey | 11.00 | IWBR (ICAR) Karnal | 2013 |

VOLUNTARY CENTRES (Long Term)=11

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|----|---|-------------------|-----|--------------------|------|
| 1. | All India Network Research Project on Onion and Garlic | Dr. Satish Kumar | 7.5 | DOGR, Pune | 2010 |
| 2. | All India Co-ordinated Research Project on Vegetables | Dr R. K. Gupta | 1 | IIVR, Varanasi | 2005 |
| 3. | All India Co-ordinated Project on Wheat and Barley, Rajouri | I/C RARS, Rajouri | 0.2 | IWBR (ICAR),Karnal | 1998 |
| 4. | All India Co-ordinated Rice | I/C RARS, | 0.2 | IIRR, (ICAR) | 2005 |

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|-----|---|-------------------|------|--|------|
| | Improvement Project, Rajouri | Rajouri | | Hyderabad | |
| 5. | All India Co-ordinated Research Project on Linseed | Dr. D.P. Abrol | 0.2 | CSAUAS, AICRP's Linseed, Kanpur | 2009 |
| 6. | Coordinating Centre under AICRP on Agroforestry | Dr. S.K. Gupta, | 1 | ICAR, CARI, Jhansi | 2015 |
| 7. | All India Co-ordinated Maize Improvement Project, Maize | I/C RARS, Rajouri | 0.6 | IIMR (ICAR) New Delhi | 2005 |
| 8. | All India Co-ordinated Maize Improvement Project, Maize | Dr Praveen Singh | | IIMR (ICAR) New Delhi | 2012 |
| 9. | All India Co-ordinated Project on Wheat and Barley, Rajouri | Dr. Tuhina Dey | 0.12 | IIWBR (ICAR) Karnal | 2009 |
| 10. | All India Coordinated Research Project on Nematodes | Dr. Rajan Salalia | Nil | AICRP(ICAR) IARI, New Delhi | 2016 |
| 11. | All India Co-ordinated Research Project on Mushroom, Chatha | Dr. Sachin Gupta | 1.3 | AICRP on Mushroom Directorate of Mushroom, Solan | 2015 |

Total Number of Projects: 119