

LIST OF RESEARCH PROJECTS

DEVELOPMENT AND ANALYSIS OF EXPERIMENTAL DESIGNS FOR AGRICULTURAL SYSTEMS RESEARCH

ICAR National Professor Scheme

Completed

1. Designs for single factor and multi-factor experiments and their applications in agricultural systems research. VK Gupta: 05.04.2006-16.03.2016

On-going

Institute Funded

2. Planning, designing and analysis of data relating to experiments for AICRP on long-term fertilizer experiments. (SIX1206)
Krishan Lal (till 31.03.2014), BN Mandal (from 01.10.2012 to 21.09.2013 and 22.10.2014 onwards) and LM Bhar (from 01.10.2013 to 30.10.2014): 01.04.2012–31.03.2017
3. Planning, designing and analysis of 'On Farm' research experiments planned for AICRP on IFS. (SIX1207)
NK Sharma (till 30.09.2014), Cini Varghese (from 01.10.2014), Sukanta Dash (from 01.10.2012) and Arpan Bhowmik (from 01.10.2014): 01.04.2012–31.03.2017
4. Information system for designed experiments. (SIX1208)
OP Khanduri (till 13.11.2014), DK Sehgal (till 31.08.2012), Soumen Pal (till 30.09.2012 and rejoined w.e.f. 31.10.2015), Susheel Kumar Sarkar (w.e.f. 01.10.2012) and Shashi Dahiya (on study leave from 03.07.2014): 01.04.2012–31.03.2017
5. Planning, designing and analysis of experiments planned 'On Stations' under the AICRP on IFS. (SIX1209)
Anil Kumar and Eldho Varghese (w.e.f. 01.10.2012): 01.04.2012–31.03.2017
6. Factorial experiments with minimum level changes in run sequences. (AGENIASRISIL201301200013)
Arpan Bhowmik, Eldho Varghese, Cini Varghese and Seema Jaggi: 16.08.2013-04.04.2016
7. Minimal response surface designs for resource optimization in agricultural experiments. (AGENIASRISIL 201401500034) Eldho Varghese, Arpan Bhowmik, Seema Jaggi and Cini Varghese: 04.09.2014-03.09.2017
8. A optimal block designs for comparing test treatments with control treatment(s)-an algorithmic approach. (AGENIASRISIL201500200039)
BN Mandal, Rajender Parsad, VK Gupta (till 16.03.2016) and Sukanta Dash: 18.02.2015-17.02.2018

Outside Funded

9. Information system for planning and analysis of experiments on All-India Coordinated Research Project on Vegetable Crops. Funded by AICRP (VC), IIVR, Varanasi. (AGENIASRICOL201400200021)
ICAR-IASRI: Rajender Parsad and Sukanta Dash, NAARM, Hyderabad: A Dhandapani, IIVR, Varanasi: B Singh, PM Singh (January 2015-10.12.2015), Satyandra Singh (October 2014-May 15, 2015), Major Singh ((since 11.12.2015) and T Choubey: 05.02.2014-31.03.2017

Completed

Outside Funded

10. Experimental designs in the presence of indirect effects of treatments. Funded by DST (SOX1115)
Seema Jaggi, Cini Varghese, Anu Sharma (till 04.09.2013) and Eldho Varghese: 01.10.2011–30.09.2015

11. Bioacoustics tool: A novel non-invasive approach for different monitoring of health and productivity in dairy animals. Funded by DBT (AGENIASRICOP201300400005)
NDRI, Karnal: Surender Singh Lathwal, Shiv Prasad, TK Mohanty, Archana Verma, AP Ruhil and SV Singh, ICAR-IASRI: Anil Kumar: 01.02.2013-31.01.2016

New Initiated

Institute Funded

12. Some investigations on trend resistant row-column designs. (AGENIASRISIL201502900066)
Arpan Bhowmik, Seema Jaggi, Eldho Varghese and Sunil Kumar Yadav: 24.09.2015-31.03.2018
13. On construction of orthogonal and nested orthogonal Latin hypercube designs. (AGENIASRISIL201503200069)
Sukanta Dash, Rajender Parsad, B.N.Mandal and Susheel Kumar Sarkar: 16.11.2015-15.11.2018

Outside Funded

14. 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). (AGENIASRICOL201503100068)
ICAR-IASRI: Rajender Parsad, AK Choubey, Anil Kumar, Mukesh Kumar, Anshu Bharadwaj, Susheel Sarkar, Arpan Bhowmik, Raju Kumar and Vandita Kumari Choudhary
ICAR-NAARM, Hyderabad: A Dhandapan
ICAR-NBSS&LUP, Nagpur: GP Obi Reddy, Nirmal Kumar and Sudipto Chattaraj
ICAR-IARI, New Delhi: Vinay Kumar Seghal and Joydeep Mukerjee
ICAR-DKMA, New Delhi: Mitali Ghosh Roy
ICAR-CMFRI, Kochi: J Jayasankar
ICAR-CRIDA, Hyderabad: NS Raju: 24.07.2015-31.03.2017

FORECASTING, MODELLING AND SIMULATION TECHNIQUES IN BIOLOGICAL AND ECONOMIC PHENOMENA

On-going

Institute Funded

15. Estimation of heritability under correlated errors. (AGENIASRISIL201400100020)
Amrit Kumar Paul and SD Wahi: 04.01.2014-03.05.2016
16. Study on volatility spillover of agricultural commodity prices. (AGENIASRISIL201401000029)
Kanchan Sinha, Wasi Alam, Sanjeev Panwar and Bishal Gurung: 12.05.2014-11.05.2016

Outside Funded

17. Network project on market intelligence. Funded by ICAR, DARE, Ministry of Agriculture, New Delhi (AGENIASRICOP201400300022)
NIAP: Raka Saxena, IASRI: Ranjit Kumar Paul: 13.02.2014-31.03.2017
18. Network project on impact assessment of agricultural research and development. Funded by ICAR. (AGENIASRICOP201500100038)
NIAP: PS BIRTHAL (till 26.01.2016), Shiv Kumar (since 27.01.2016), Jaya Jumrani, Kingsly IT and SK Srivastava
IASRI: Ranjit Kumar Paul: 01.01.2015-31.03.2017 (Association of IASRI w.e.f. 12.01.2015)

Completed

Institute Funded

19. A study on modelling and forecasting of time-series with long memory processes. (AGENIASRISIL201300700008)
Ranjit Kumar Paul, Himadri Ghosh and Bishal Gurung: 01.05.2013-30.04.2015

20. A study on STAR and SV families of nonlinear time-series models for describing cyclicity and volatility in Agriculture. (AGENIASRISIL20130080009)

Bishal Gurung, Himadri Ghosh and Ranjit Kumar Paul: 21.05.2013-22.05.2015

Outside Funded

21. Mapping and cultural authority of science across Europe and India (MACAS-EU & India). Funded by ICSSR, New Delhi. (AGENIASRISOL201301600017) IHD: Rajesh Shukla, IASRI: KN Singh: 01.04.2012 -30.09.2015 (Association of IASRI w.e.f. 18.07.2013)

New Initiated

Institute Funded

22. A Study on price efficiency in agricultural commodity market. (AGENIASRISIL201500700044)
SP Bhardwaj, Bishal Gurung and Kanchan Sinha: 13.05.2015-12.05.2017
23. Forecasting of spatio-temporal time series data using Space Time Autoregressive Moving Average (STARMA) model. (AGENIASRISIL202300060)
Santosha Rathod, Mrinmoy Ray, Ajit, KN Singh and Bishal Gurung (from 20.09.2015): 20.08.2015-19.02.2018
24. Nonparametric bootstrap approach for constructing prediction intervals for non-linear and bivariate time series models. (AGENIASRISIL201502200059)
Mrinmoy Ray, Santosha Rathod, Wasi Alam and KN Singh: 19.08.2015-18.08.2017
25. Development of hybrid time series models using machine learning techniques for forecasting crop yield with covariates. (AGENIASRISIL201502000057)
Wasi Alam, Kanchan Sinha, Mrinmoy Ray, Santosha Rathod and KN Singh: 14.07.2015-13.01.2018

DEVELOPMENT OF TECHNIQUES FOR PLANNING AND EXECUTION OF SURVEYS AND STATISTICAL APPLICATIONS OF GIS AND REMOTE SENSING IN AGRICULTURAL SYSTEMS

On-going

Institute Funded

26. Calibration estimators under two stage sampling design when study variable is inversely related to auxiliary variable. (AGENIASRISIL201400800027)
Ankur Biswas, Kaustav Aditya and UC Sud: 01.05.2014-30.04.2016

Outside Funded

27. Development of innovative approaches for small area estimation of crop yield, socio-economic and food insecurity parameters-under ICAR's Lal Bahadur Shastri Young Scientist award- 2012. (AGENIASRISOL201301800019)
Hukum Chandra and Kaustav Aditya: 09.12.2013-08.12.2016
28. Study to test the developed alternative methodology for estimation of area and production of horticultural crops. IASRI component of CHAMAN program under MIDH, Funded by Department of Agriculture and Cooperation and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Government of India. (AGENIASRISOL201401700036)
Tauqueer Ahmad, UC Sud, Prachi Misra Sahoo, Kaustava Aditya, AK Gupta and Ankur Biswas: 16.09.2014-15.06.2017
29. Pilot study for developing state level estimates of crop area and production on the basis of sample sizes recommended by Professor Vaidyanthan Committee Report. Funded by Directorate of Economics and Statistics, Department of Agriculture Cooperation and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Government of India, New Delhi. (AGENIASRISOL201500300040)
UC Sud, Kaustava Aditya, Hukum Chandra, AK Gupta, Ankur Biswas, Vandita Kumari, Raju Kumar, Anshu Bhardwaj and Anil Kumar: 16.02.2015- 15.02.2017

Completed

Outside Funded

30. Pilot study for estimation of seed, feed and wastage ratios of major food grains. Funded by National Accounts Division, Central Statistics Office, MOS&PI, Government of India. (AGENIASRISOL201300900010)

UC Sud, KK Tyagi (till 30.09.2014), Hukum Chandra, Tauqueer Ahmad, VK Jain (till 31.10.2013), Kaustav Aditya, Prachi Misra Sahoo and Ankur Biswas: 01.07.2013-31.03.2016

New Initiated

Outside Funded

32. Investigation of causes of divergence between official and trade estimates of Jute production. Funded by Directorate of Economics & Statistics (DES), Department of Agriculture, Cooperation and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Govt. of India. (AGENIASRISOL201502800065)

Prachi Misra Sahoo, UC Sud, Tauqueer Ahmad, Ajit, Kaustav Aditya, Ankur Biswas: 01.09.2015-31.08.2017

DEVELOPMENT OF STATISTICAL TECHNIQUES FOR GENETICS/ COMPUTATIONAL BIOLOGY AND APPLICATIONS OF BIOINFORMATICS IN AGRICULTURAL RESEARCH

On-going

Institute Funded Annual Report 2014-15

33. Development of a tool for comparison of protein 3D structure using graph theoretic approach.

(AGENIASRISIL201400500024)

UB Angadi, KK Chaturvedi, Monendra Grover and Sudhir Srivastava (till 01.08.2015): 18.03.2014- 31.01.2017

34. Multilevel functional classification of abiotic stress related proteins in poaceae. (AGENIASRISIL201400600025)

Monendra Grover, UB Angadi and Sudhir Srivastava (till 01.08.2015): 20.03.2014-14.08.2016

35. Estimation of breeding value using longitudinal data. (AGENIASRISIL201400700026)

Upendra Kumar Pradhan, Prabina Kumar Meher, AR Rao and AK Paul: 23.04.2014-22.10.2016

36. Modelling and construction of transcriptional regulatory network using time-series gene expression data. (AGENIASRISIL201401100030)

Samrendra Das, Bishal Gurung, Sanjeev Kumar and SD Wah: 22.05.2014 – 21.11.2016

Outside Funded

37. Modelling network of gene responses to abiotic stress in rice. Funded by NFBSFARA, ICAR

(AGENIASRICOL201300500006)

IASRI: Sanjeev Kumar, Dinesh Kumar, Anil Rai, SB Lal and DC Mishra, NRCPB: Kishore Gaikwad, NK Singh and Vandana Rai, DRR: D Subramanyam, P Senguttuvel, DKMA: Himanshu, CDAC: Rajendra Joshi: 01.04.2013-31.03.2017

38. Whole genome sequencing and development of allied genomic research in two commercially important Fish-Labeo rohita and Clarias batrachus. Funded by DBT (AGENIASRISOL201301400015)

IASRI: Dinesh Kumar, Sarika (w.e.f. 28.01.2014) and Mir Asif Iquebal (w.e.f. 28.01.2014), NBFGR: NS Nagpure (till 07.12.2015), Basdeo Kushwaha and Ravindra Kumar, CIFA: Paramananda Das, P Jayasankar and L Sahoo, Anand Agricultural University: Chaitanya G Joshi, PG Koringa: 10.09.2013-09.09.2016

39. Whole genome based SNP mining and development of breed signatures for dairy and dual-purpose indigenous cattle. Funded by DBT. (AGENIASRICOL201401600035)

NBAGR, Karnal: Satpal Dixit, Jaya Kumar S, NDRI, Karnal: Ajay Kumar Dang, Avtar Singh, IASRI: Mir Asif Iquebal, Dinesh Kumar: 09.07.2014-08.07.2017

40. ICAR Network Project on Transgenics in Crops (NPTC). New Delhi

(AGENIASRICOP201500400041)

NRCPB: NK Singh (till 11.05.2015), TR Sharma (since 12.05.2015), IASRI: MA Iquebal, Sarika, Dinesh Kumar, Anil Rai: 27.01.2015-31.03.2017

Completed

Institute Funded

41. Development of statistical approach for prediction of eukaryotic splice sites. (AGENIASRISIL201301300014)

Prabina Kumar Meher, SD Wah: 03.09.2013-31.08.2015

42. Methodology for protein structure comparison and its web implementation. (AGENIASRISIL201300600007)
Sudhir Srivastava, MNV Prasad Gajula (till 31.03.2014), DC Mishra and SB Lal (since 04.04.2014): 18.04.2013-17.04.2015
43. Bioinformatics approaches for data analysis and functional inferences in soil metagenome(s). (Collaboration with NBAIM, Mau). (AGENIASRICIP201401200031)
NBAIM, Mau: DP Singh, Renu, Sunil Kumar, IASRI: Anil Rai, Sanjeev Kumar and Samir Farooqi: 01.07.2014-30.06.2017 (As per the recommendations of IRC (March 19-20, 2015) the project has been closed)

Outside Funded

44. Phenomics of moisture deficit and low temperature stress tolerance in rice (Funded by NRCPB, New Delhi). (COP1106)
NRCPB: P Ananda Kumar, IARI: Viswanathan Chinnusamy, IASRI: Sudeep, SD Wahi, Alka Arora and AR Rao (w.e.f. 01.10.2013), IIT: S Chaudhury, University of Delhi: JP Khurana, CRRI, Cuttack: ON Singh, IGKV, Raipur: G Chandel, CAU, Barapani: Wricha Tyagi, ICAR RC-NEHR, Barapani: A Pattanaik: 15.02.2011–31.12.2015
45. A new distributed computing frame work for data mining. Funded by Department of Information Technology. (COP1222)
BITS, Pilani: Navneet Goyal, Poonam Goyal and Sundar Balasubramaniam, IASRI: Sanjeev Kumar and Sudhir Srivastava (w.e.f. 02.05.2013-01.08.2015):15.10.2012–31.03.2016 (Association of IASRI w.e.f. 01.11.2012)

New Initiated

Institute Funded

46. Development of methodology for nonparametric modelling of time-series data and its application in agriculture. (AGENIASRISIL201500800045)
Himadri Ghosh and Soumen Pal (October, 2015):06.06.2015-05.12.2017
47. Development of rank based stability measures for selecting genotypes. (AGENIASRISIL201502500062)
Prakash Kumar, Amrit Kumar Paul, Samrendra Das and LM Bhar: 10.09.2015-31.08.2017
48. Gene Selection for Classification of Crop Gene Expression Data. (AGENIASRISIL201503000067)
Samarendra Das, P K Meher, RK Paul and UK Pradhan: 20.10.2015-19.09.2018
49. A study on sequence encoding based approaches for splice site prediction in agricultural species. (AGENIASRISIL201603300070)
Prabina Kumar Meher, UK Pradhan, SD Wahi and AR Rao: 01.01.2016-31.12.2017

Outside Funded

50. Computational identification and modelling of genetic variation in relation to performance traits in buffaloes. Funded by CABin. (AGENIASRICOP201500900046)
CIRB, Hisar: Punam Sikka, KP Singh, SS Paul, A Jerome, S Balhara and Varij Nayan
IASRI, New Delhi: Dwijesh Chandra Mishra, AR Rao and KK Chaturvedi: 06.06.2015-31.03.2017
51. Genomic data analysis for identification of economically important markers and viral diagnostics in pulses. Funded by CABin. (AGENIASRICOP201501000047)
IIPR, Kanpur: Abhishek Bohra, Khela Ram Soren and Akram
IASRI, New Delhi: MA Iquebal, Dinesh Kumar, Sarika and UB Angadi: 06.06.2015-31.03.2017
52. Computational approach for harnessing genome information and its integration with wheat phenome for efficient varietal development. Funded by CABin. (AGENIASRICOP201501200049) IIWBR, Karnal: Ratan Tiwari, Pradeep Sharma, Rajender Singh and Sonia Sheoran
IASRI, New Delhi: Dinesh Kumar, MA Iquebal, Sarika and UB Angadi: 15.06.2015-31.03.2017
53. Mining and validation of candidate gene markers and screening on antimicrobial peptides of black pepper and small cardamom. Funded by CABin. (AGENIASRICOP201501100048)
IISR, Kozhikode, Kerala: Johnson K George, P Umadevi, KV Saji and Sharon Aravind
IASRI, New Delhi: UB Angadi, Dinesh Kumar, MA Iquebal and Sarika: 15.06.2015-31.03.2017

54. Bioinformatic analysis of sequence data of brinjal and bitter gourd for identification of functional and regulatory genes for traits of economic importance. Funded by CABin. (AGENIASRICOP201501300050)
NBPGR: KV Bhat, Soma S Marla, AB Gaikwad, S Archak and DP Wankhede
IASRI: Monendra Grover and SB Lal: 16.06.2015-31.03.2017
55. Molecular and computational approach to delineate metabolic pathways for better carbohydrate utilization in *Labeo* spp. Funded by CABin. (AGENIASRICOP201501400051)
CIFA, Bhubaneshwar: JK Sundaray, S Nandi, PK Maher, L Sahoo, KD Rasal, P Nandanpawar and UK Udit
IASRI, New Delhi: Sarika, Dinesh Kumar, MA Iquebal and UB Angadi: 16.06.2015-31.03.2017
56. Elucidating the mechanism of Pashmina fibre development: An OMICS approach. Funded by National Agricultural Science Fund (NASF) (AGENIASRICOP201501500052)
SKUAST-K: Nazir A Ganai
IASRI, New Delhi AR Rao and PK Meher
NDRI, Karnal: Jai K Kaushik: 01.07.2015-30.06.2018
57. Microbial domain research projects on computational aspects. Funded by CABin. (AGENIASRICOP201501600053)
ICAR-NBAIM, Mau: DP Singh, Renu and Lalan Sharma
ICAR-IASRI, New Delhi: Sanjeev Kumar, KK Chaturvedi and Samir Farooqi: 03.07.2015-31.03.2017
58. Development of database repertoire for *Clostridium perfringens* strains prevalent in causing Enterotoxaemia in goats. Funded by CABin. (AGENIASRICOP201501700054)
CIRG, Makhdoom: RVS. Pawaiya
IASRI: AR Rao: 04.07.2015-31.03.2017
59. Development of database on SNPs associated with economically important traits of Indian goats. Funded by CABin. (AGENIASRICOP201501800055)
CIRG, Makhdoom: RVS Pawaiya
IASRI: AR Rao: 04.07.2015-31.03.2017
60. RiceMetaSys: Understanding rice gene network for blast resistance and drought tolerance through system biology approach. Funded by CABin. (AGENIASRICOP201501900056)
NRCPB: Amol Kumar U Solanke, TR Sharma, Amitha SV Mithra and Ramawatar
IASRI: Dwijesh Chandra Mishra and KK Chaturvedi: 08.07.2015-31.03.2017
61. Identification of genetic polymorphisms for pathogenicity in *Vibrio* sp. Funded by CABin. (AGENIASRICOP201502100058) CIBA, Chennai: Ashok Kumar Jangam, SV Alavandi, K Vinaya Kumar, B Sivamani and Satheesha Avunje IASRI: Monendra Grover: 19.08.2015-31.03.2017
62. Computational and analytical solutions for high-throughput biological data. Funded by CABin. (AGENIASRISOL201502400061)
Anil Rai, Dinesh Kumar, AR Rao, Monendra Grover, KK Chaturvedi, Sanjeev Kumar and Dwijesh Chandra Mishra: 04.09.2015-31.03.2017
63. Metagenomic applications and transcriptomes profiling for inland aquatic environmental health surveillance. Funded by CABin. (AGENIASRICOP201502700064)
ICAR-CIFRI, Barrackpore : BK Behera, ICAR-IASRI: AR Rao: 01.09.2015-31.03.2017
64. Stochastic differential equation models and their applications to agriculture. Funded by Science and Engineering Research Board (SERB), New Delhi. (AGENIASRICOP201603400071)
Ex. Emeritus Scientist, ICAR: Prajneshu
ICAR-IASRI: Himadri Ghosh and Lal Mohan Bhar: 06.11.2015-05.11.2018
65. Network project on computational biology and agricultural bioinformatics under two sub-projects: Funded by CABin. (AGENIASRICOP201603500072): 26.11.2015-31.03.2017

Sub-project 1:

Gene regulatory networks modeling for heat stress responses of sources and sink for development of climate smart Wheat.

ICAR-IARI: C Viswanathan, RR Kumar, Suneja Goswami, GP Singh, PK Singh, Neelu Jain and Puja Rai

ICAR-IASRI: DC Mishra, M Grover, Sanjeev Kumar and KK Chaturvedi

Sub-project 2:

Studying drought-responsive genes in subtropical maize germplasm and their utility in development of tolerant maize hybrids.

ICAR-IARI: T Nepolean, MG Mallikarjuna and Shailendra K Jha

ICAR-IASRI: AR Rao and PK Meher

DEVELOPMENT OF INFORMATICS IN AGRICULTURAL RESEARCH

On-going

Institute Funded

66. Management system for post graduate education - II. (SIX1218)
Sudeep, PK Malhotra (30.09.2014), RC Goyal (till 30.06.2013), Yogesh Gautam (till 15.08.2014) and Pal Singh (w.e.f. 01.10.2013): 01.04.2012– 31.03.2017
67. National Information System on Agricultural Education Network in India. (NISAGENET-IV). (SIX1217)
RC Goyal (till 30.06.2013), Sudeep, Alka Arora, Pal Singh, Shashi Dahiya and Soumen Pal (till 30.09.2012) and Anshu Bhardwaj (since 01.10.2014): 01.04.2012–31.03.2017
68. Results framework document management system in ICAR (RFD-MS). (AGENIASRISIL201400900028)
N Srinivasa Rao, Mukesh Kumar and AK Choubey: 09.05.2014-30.04.2017
69. Development of 16s rRNA rumen specific microbes database. (Collaboration with NIANP, Bangalore) (AGENIASRICIP201401400033)
NIANP, Bangalore: M Bagath and AP Kolte, IASRI: UB Angadi and Monendra Grover (since 21.11.2014): 23.07.2014-31.03.2017
70. Tobacco Agridaksh: An online expert system. (AGENIASRICIP201401800037)
ICAR-CTRI, Rajahmundry: H Ravisankar, D Damodar Reddy, U Sreedhar, K Sivaraju, K Sarala, S Kasturi Krishna and M Anuradha, ICAR-IASRI: N Srinivasa Rao and Sudeep: 20.10.2014-20.10.2017

Completed

Institute Funded

71. Project information and management system of ICAR (PIMS-ICAR). (SIX0901)
RC Goyal (till 30.06.2013), Pal Singh, PK Malhotra (till 30.09.2014), Sudeep and Alka Arora: 01.01.2009–30.09.2015
72. Development of web based mushroom expert system. (CIP1110)
DMR, Solan: Mahantesh Shirur (till 30.09.2012), K Manikandan (from 01.10.2012 to July 2014), B Vijay, RC Upadhyay, VP Sharma, OP Ahlawat, Satish Kumar, Shwet Kamal and Goraksha C Wokchaure, IASRI: Sudeep (w.e.f. 01.10.2013), Yogesh Gautam (w.e.f. 01.10.2011), Pal Singh, Hari Om Agarwal (till 29.02.2012) and Harnam Singh (till 01.02.2012): 01.04.2011–31.03.2015
73. Strengthening and refinement of maize AgriDaksh. (CIP1113)
DMR: Virendra Kumar Yadav (till June 2014), KP Singh (from July 2014), P Kumar, Vinay Mahajan, KS Hooda, Jyoti Kaul, Ashok Kumar, Aditya Kumar Singh, Ishwar Singh, Meena Shekhar, DP Choudhary, Avinash Singode, CM Parihar, Chikkappa G Karjagi, and Ambika Rajendran; IASRI: Sudeep (w.e.f. 01.03.2012), Yogesh Gautam (w.e.f. 01.10.2011), Pal Singh, Hari Om Agarwal (till 29.02.2012) and Harnam Singh Sikarwar (till 01.02.2012), NS Rao (from 01.10.2014): 01.04.2011–31.03.2016
74. Development and application of electronic learning and diagnostic modules for health management of dogs. (Collaboration with IVRI, Izatnagar) (AGENIASRICIP201401300032)
IVRI, Izatnagar: Rupasi Tiwari, MC Sharma, BP Singh, Yash Pal and KK Mishra
IASRI, New Delhi: Mukesh Kumar: 01.07.2014-31.12.2015

New Initiated**Institute Funded**

75. Developing a comprehensive web based system for agriculturally important microbes. Collaboration with NBAIM, Mau. (AGENIASRICIP201500500042)
SN Islam, Anshu Bharadwaj and N Srinivasa Rao: 01.04.2015-31.03.2017
76. Implementation of ICAR-ERP, unified communication and web hosting solution. (AGENIASRISIL201500600043)
AK Choubey, Alka Arora, Sudeep, N Srinivasa Rao, Mukesh Kumar, SN Islam, Anshu Bhardwaj and Sangeeta Ahuja: 10.04.2015-09.04.2018
77. Cluster ensemble algorithms for germplasms evaluation on Chickpea. (AGENIASRISIL201502600063) IASRI: Sangeeta Ahuja and AK Choubey
NCIPM: OP Sharma NBPGR: HL Raiger: 18.09.2015-17.09.2016

Extramural Projects

78. Transcriptome and proteome analysis for identification of candidate genes responsible for pistillate nature in castor. Funded by Extramural funded under Crop Sciences Division. (AGENIASRICOP201603600073)
IIOR: M Sujatha
ICAR-IASRI: MA Iquebal: 21.01.2016-31.03.2017
79. Knowledge management system for agriculture extension services in Indian NARES. Funded by Extramural funded under Agricultural Extension Division, ICAR. (AGENIASRICOL201603700074) ICAR-IASRI: Alka Arora, AK Choubey, NS Rao, SN Islam, Soumen Pal and Sudeep
Agricultural Extension Division, ICAR. : P Adiguru: 04.03.2016-31.03.2017

Consultancy Project

80. Study on improving methods for estimating crop area, yield and production under mixed, repeated and continuous cropping. Funded by Food and Agriculture Organization (FAO) of the United Nations.
UC Sud, Tauqueer Ahmad, Hukum Chandra, Prachi Misra Sahoo, Kaustav Aditya, Ankur Biswas, Man Singh, GM Pathak and Neelam Chandra: 18.12.2014-17.10.2016
81. Testing and validation of alternative methodology developed by IASRI for estimation of area and production of horticultural crops in Madhya Pradesh State. Tauqueer Ahmad UC Sud, Prachi Misra Sahoo, Anil Rai, Kaustav Aditya, Raju Kumar and Man Singh: 01.06.2015-28.02.2018
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