

DIRECTORATE OF RESEARCH
BIHAR AGRICULTURAL UNIVERSITY, SABOUR-813210 (BHAGALPUR)

Year Wise State Non Plan Research Projects

Financial year	Group	Sl. No.	Project Code	Title of the Project	Principal Investigator	Remarks
2012-13	Crop Improvement	1	S.P/C.I/BAC/2012-1	Molecular characterization and marker assisted selection of tomato germplasms for fruit quality and stress tolerance.	Tirthartha Chattopadhyay, BAC, Sabour	Concluded
		2	S.P/C.I/BAC/2012-2	Molecular characterization of germplasms and marker assisted selection in wheat for terminal heat tolerance in the eastern gangetic plains of India.	Deepak Kumar Baranwal, BAC, Sabour	Concluded
		3	S.P/C.I/BAC/2012-3	Development and identification of suitable double haploid (DH) lines for terminal heat and drought tolerance in spring wheat for eastern gangetic plains of India	Awadhesh Kumar Pal, BAC, Sabour	Concluded
		4	S.P/C.I/BAC/2012-4	Engineered resistance in rice against fungal pathogens.	Bishun Deo Prasad, BAC, Sabour	
		5	S.P/C.I/BAC/2012-5	Standardization of transformation and regeneration of Banana in perspective of producing value added transgenic drought resistant variety.	Tushar Ranjan, BAC, Sabour	Concluded
		6	S.P/C.I/BAC/2012-6	Development of Transgenic Rice Resistant to Glyphosate {N-(phosphonomethyl)glycine} Herbicide.	Ravi Kesari, BAC, Sabour	Concluded

		7	S.P/C.I/BAC/ 2012-7	Molecular and morphological characterization of local germplasm of rice.	Mankesh Kumar, BAC, Sabour	Concluded
		8	S.P/C.I/BAC/ 2012-8	Development of hybrids for speciality corn.	Kumari Rashmi, BAC, Sabour	
		9	S.P/C.I/BAC/ 2012-9	Short duration single cross hybrid maize for <i>Kharif</i> season in Bihar.	Birender Singh, BAC, Sabour	
		10	S.P/C.I/BAC/ 2012-10	Identification of YMV resistant donor parents for development of breeding material and development of high yielding, early and synchronous maturity variety in mung bean (<i>Vigna radiata</i> L.)	Anil Kumar, BAC, Sabour	
		11	S.P/C.I/BAC/ 2012-11	Identification of donor parents resistant to fusarium wilt and generation of breeding material in lentil (<i>Lense culinaris</i>)	Anil Kumar, BAC, Sabour	
		12	S.P/C.I/BAC/ 2012-12	Development of high yielding Indian mustard for late sown condition.	Chandan Kishore, BAC, Sabour	Concluded
		13	S.P/C.I/BAC/ 2012-13	Development of early and medium maturity high yielding rice hybrids suitable for cultivation in the ecosystem of Bihar.	Satyendra, BAC, Sabour	Concluded
		14	S.P/C.I/BAC/ 2012-14	Development of high yielding brinjal genotype(s) for plains of Bihar	Shirin Akhtar, BAC, Sabour	Concluded

		15	S.P/C.I/BAC/ 2012-15	Screening and identification of heat and drought tolerant genotypes in tomato (<i>Solanum lycopersicum</i> L.)	Shashank Shekhar Solankey, BAC, Sabour	Concluded
		16	S.P/C.I/BAC/ 2012-16	Varietal Improvement in Early Cauliflower.	Chandan Roy, BAC, Sabour	
		17	S.P/C.I/COH, Noorsarai/2012 -17	Development of high yielding hybrid with good fruit quality in Tomato (<i>L.Esculentum Mill</i>)	Satish Kumar, Asstt. Prof.-cum-Junior Scientist (Veg.), COH, Noorsarai.	
		18	S.P/C.I/BAC/ 2012-18	Exploitation of Genetic Resources for Varietal Improvement of Point Gourd.	R.B. Verma, BAC, Sabour.	
	Natural Resource Management	1	S.P/NRM/ BAC/2012-1	Evaluation of AM Fungi on Phosphorus Dynamics and Microbial Activity in Rhizospheric Soil Under Maize Crop.	Mahendra Singh, BAC, Sabour	Concluded
		2	S.P/NRM/ BAC/2012-2	Standardization of cultivation techniques for Medicinal & Aromatic Plants and development of Herbal Garden.	Mahender Pal, BAC, Sabour	Concluded
		3	S.P/NRM/ BAC/2012-3	Mapping of fertility status of Agriculture farm of different colleges of the University.	Ghanshyam Singh, BAC, Sabour	Concluded
		4	S.P/NRM/ BAC/2012-4	Soil Application effects of Biochar in cereal system of Bihar.	Anshuman Kohli , BAC, Sabour	

		5	S.P/NRM/ COH/2012-5	Diversification and intensification of rice based cropping system for high productivity and profitability.	Santosh Kumar Chaudhary, COH, Noorsarai.	Concluded
		6	S.P/NRM/ BAC/2012-6	Molecular characterization of litchi [Litchi chinensis Sonn.] genotypes using RAPID and SSR markers.	Hidayatullah Mir, BAC, Sabour	
		7	S.P/NRM/ BAC/2012-7	Development of micropropagation protocol for mass multiplication of strawberry.	Hidayatullah Mir, BAC, Sabour	
		8	S.P/NRM/ BAC/2012-8	Screening of mango seedling for abiotic stress (Water logging condition).	Muneshwar Prasad , BAC, Sabour	
		9	S.P/NRM/ BAC/2012-9	Pericarp Browning and Quality Management of Litchi Fruit through Postharvest Treatment and Modified Atmosphere Packaging.	Kalyan Barman, BAC, Sabour	
		10	S.P/NRM/ BAC/2012-10	Geostatistical Approach to the Land Evaluation and Land use Classification of Agro-climatic Zones - II of Bihar.	M.K. Dwivedi, BAC, Sabour	
		11	S.P/NRM/ BAC/2012-11	Composting and enrichment of agro-waste through bacterial and fungal consortia.	M.K. Dwivedi, BAC, Sabour	

		12	S.P/NRM/ BAC/2012-12	Studies on the agro ecosystem restoration in rice-wheat cropping sequence through agronomic management practise in the perspective of climate change.	Suborna Roy Choudhury, BAC, Sabour	
		13	S.P/NRM/ BAC/2012-13	Modelling the impact of temporal variability of Rice-Wheat production system and its adaptation to climate change.	Swaraj Kumar Dutta, BAC, Sabour	Concluded
		14	S.P/NRM/ BAC/2012-14	Precision Nitrogen Management for Improving Productivity and Nitrogen Use Efficiency of Rice-Wheat Cropping System.	Mainak Ghosh,BAC, Sabour	Concluded
		15	S.P/NRM/ BAC/2012-15	Pollinating efficiency of honey bees in enhancing crop productivity.	Ramanuj Vishwakarma, BAC, Sabour	Concluded
		16	S.P/NRM/ BAC/2012-16	Studies on the effect of FYM, Zn and B on yield, nutrient uptake and quality of tomato and brinjal.	Bholanath Saha, BAC, Sabour	Concluded
		17	S.P/NRM/BA C/2012-17	Changes in dynamics of soil carbon under conservation tillage in rice and maize based cropping system.	Rakesh Kumar, BAC, Sabour	
		18	S.P/NRM/BA C/2012-18	Preparation of Microbial Cultural Library of Bihar.	N.Chattopadhyaya, BAC, Sabour	Concluded
		19	S.P/NRM/BA C/2012-19	Determination of Suitable extractant and critical level of Boron in soils of B.A.C, Sabour under Cauliflower.	Mr Jajati Mandal,BAC, Sabour	Concluded

		20	S.P/NRM/BAC/2012-20	Bioremediation of arsenic from contaminated soils and water.	Bishun Deo Prasad, BAC, Sabour	
		21	S.P/NRM/BAC/2012-21	Spatial Data Base generation of Agron-climatic Zone II, IIIA & IIIB under the jurisdiction of BAU, Sabour.	Binod Kumar Vimal, BAC, Sabour.	Concluded
		22	S.P/NRM/SSAC/2012-22	Extent, Distribution & Mitigation of Arsenic and Fluoride contamination in Bhagalpur districts, Bihar.	Sunil Kumar, BAC, Sabour	Concluded
		23	S.P/NRM/BPSAC, Purnea 2012-23	(A) Survey , Collection, Conservation, Characterization and Evaluation of Makhana germ plasm (B) 1. Development of Makhana based cropping system for sustainable livelihood improvement of Makhana growers. 2. Standarization of spacing and fertilizers requirement of makhana improved variety Gajab.	Anil Kumar, BPSAC, Purnea	
		24	S.P/NRM/BAC/2012-24	Development of forage based cropping system for quality fodder production in agro-climatic Zone III A of Bihar.	G.S.Panwar, BAC, Sabour	
		25	S.P/NRM/BAC/2012-25	Effect of System of Root Intensification on yield of rapeseed.	S. Tyagi, BAC, Sabour	Concluded
		26	S.P/NRM/BAC/2012-26	Productivity Performance of Rabi, Maize under Predictable Climate Change	M.K. Singh, BAC, Sabour	Concluded

		27	S.P/NRM/COH, Noorsarai/ 2012-27	Effect of Planting date and spacing on Productivity of Rabi Onion.	M.D. Ojha, COH, Noorsari	Concluded
		28	S.P/NRM/BPSAC/ 2012-28	Sustainable Livelihood development through integrated livestock farming system in Koshi region of Bihar.	Anil Kumar, BPSAC, Purnea.	Concluded
	Crop Protection	1	S.P/C.P/BAC/ 2012-1	Survey and surveillance for key insect-pests and diseases of major crops.	Arshad Anwar, BAC, Sabour	Concluded
		2	S.P/C.P/BAC/ 2012-2	Host-parasite interaction and evaluation of melanin biosynthesis inhibitors against dry root rot pathogen of chickpea.	A. Ghatak, BAC, Sabour	Concluded
		3	S.P/C.P/BAC/ 2012-3	Studies on Alternaria blight disease of Mustard.	Chanda Kushwaha, BAC, Sabour	Concluded
		4	S.P/C.P/BAC/ 2012-4	Host-Parasite Interaction and Management strategy for Panama Wilt of Banana.	Gireesh Chand, BAC, Sabour	
		5	S.P/C.P/BAC/ 2012-5	Epidemiology and management of persistently transmitted viral diseases in tomato and chili.	Md. Ansar, BAC, Sabour	Concluded
		6	S.P/C.P/BAC/ 2012-6	Vermiwash against Virus Diseases of Tomato.	A.P.Bhagat, BAC, Sabour	Concluded

		7	S.P/C.P/BAC/ 2012-7	Studies on the Natural Enemy Complex of Rabi Oil Seeds (Mustard and Linseed) at Sabour Region of Bihar.	Tarak Nath Goswami, BAC, Sabour	Concluded
		8	S.P/C.P/BAC/ 2012-8	Occurrence and Management of Economically Important Nematode Pest of Crops.	Ajay Kumar Maru, BAC, Sabour.	Concluded
		9	S.P/C.P/BAC/ 2012-9	Integrated Pest Management for important pests of major crops.	Kiran Kumari, BAC, Sabour	Concluded
	Product Development & Marketing	1	S.P/PDM/BAC /2012-1	Extending the shelf-life and availability of cauliflower.	Wasim Siddiqui, BAC, Sabour	Concluded
		2	S.P/PDM/BAC /2012-2	Preparation and standardization of vegetable sauces.	J.P.singh, BAC, Sabour	Concluded
		3	S.P/PDM/BAC /2012-3	Preparation of Dehydrated products of Banana.	Samsheer Ahmad, BAC, Sabour	Concluded
		4	S.P/PDM/BAC /2012-4	Preparation of Multigrain Extruded Product for Celiac Disease.	Prem Prakash, BAC, Sabour	Concluded
		5	S.P/PDM/BAC /2012-5	Design and development of a manual-cum-power operated mango harvester.	M.K.Sharma, BAC, Sabour	Concluded

	Social Science	1	S.P/S.S/BAC/2012-1	Catalyzing Rural leadership for accelerated dissemination of information; An Action Research	Aditya, BAC, Sabour	Concluded
		2	S.P/S.S/BAC/2012-2	Agri-entrepreneurs Development: An Action Research.	Ram Datt, BAC, Sabour	Concluded
		3	S.P/S.S/BPSA C/2012-3	Impact of KVK Training.	Ashok Kumar, BPSAC, Purnea.	Concluded
		4	S.P/S.S/BAC/2012-4	An Impact of successful self help group of Bhagalpur District in Bihar.	A.S. Tigga, BAC, Sabour	Concluded
		5	S.P/S.S/BPSA C, Purnea & MBAC, Saharsa/2012-5	Agricultural Production System and their constraints in Agro-Climatic Zone II.	Mani Bhushan, BPSAC, Purnea & S.R. Singh, MBAC, Agawanpur	Concluded
		6	S.P/S.S/JRS/2012-6	Enterprenurship Development and value addition in Jute Fibers.S.K.	S.K. Sinha, JRS, Katihar & Pankaj Kumar, KVK, Katihar	Concluded
		7	S.P/S.S/BVC/2012-7	Training need assessment and capacity building of Dairy owners for enterpnurship development in Diara area of Bihar.	Pankaj Kumar, BVC, Patna	Concluded

2013-14	Crop Improvement	1	S.P/C.I/Rabi/2013-1	Identification of high yielding wheat genotypes suitable for limited irrigation.	Sudhir Kumar, Asstt. Prof.-cum-Jr. Scientist, Deptt. of PBG, BAC, Sabour	Concluded
		2	S.P/C.I/Rabi/2013-2	Collection, evaluation and conservation of cape gooseberry (<i>Physalis peruviana</i> L.).	Vijay Kumar, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Horticulture Fruit, CoH, Noorsarai.	Concluded
		3	S.P/C.I/Rabi/2013-3	Identification of suitable Chickpea varieties for Zone – III B in general and Buxar in particular through Farmers participatory varietal selection approach.	Sunil Kumar, Asstt. Prof.-cum-Jr. Scientist (PBG), , Asstt. Prof.-cum-Jr. Scientist, Deptt. of PBG, VKS CoA, Dumraon	Concluded
		4	S.P/C.I/Rabi/2013-4	Screening and identification of chilli leaf curl virus (CLCV) resistant genotypes in chilli (<i>Capsicum annuum</i> L.).	Aniruddh Pratap Singh, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Horticulture, CoH, Noorsarai.	Concluded
		5	S.P/C.I/Rabi/2013-5	Screening and selection of tomato genotypes suitable for summer season for Zone III B.	Nitu Kumari, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Hort. (Veg.), VKS, CoA, Dumraon, Buxar.	
		6	S.P/C.I/BAC/2013-1	Identification of Marigold lines suitable for summer cultivation.	Shyama Kumari, Jr. Scientist, (Veg. & Flor.), BAC, Sabour	

		7	S.P/C.I/BAC/ 2013-2	Identification and characterization of root physiological and biochemical trials in significance of water uptake in rice grown under drought.	Sareeta Nahakpam, Jr. Scientist, PBG, BAC, Sabour	
		8	S.P/C.I/BAC/ 2013-3	Population improvement with respect to the isolation of desirable inbred lines in cauliflower (<i>Brassica oleracea var botrytis</i>)	Chandan Roy, Jr. Scientist, PBG, BAC, Sabour	
		9	S.P/C.I/BAC/ 2013-4	Pigeonpea hybrid: A variable approach to increase its production and productivity in the state of Bihar.	Rafat Sultana, Jr. Scientist, PBG, BAC, Sabour.	
		10	S.P/C.I/BAC/ 2013-5	Maintenance Breeding of crops.	Kumari Rashmi, Jr. Scientist, PBG, BAC, Sabour.	Concluded
		11	S.P/C.I/BAC/ 2013-6	Varietal improvement of garlic for yield & storability.	Sangeeta Kumari, Jr. Scientist, (Veg.), BAC, Sabour	
	Natural Resource Management	1	S.P/NRM/Rabi /2013-1	Preliminary study on the physiological disorders of fruits grown in Bihar.	V.B. Patel, Univ. Prof.-cum-Chief Scientist, Deptt. of Hort. (Fruit & Fruit Technology), BAC, Sabour.	

		2	S.P/NRM/Rabi /2013-2	Canopy management practices and fertigation schedule in guava under high density plantation for Nalanda region.	Divya Tiwari, Asstt. Prof.-cum-Jr. Scientist, (Hort. Fruit), COH, Noorsarai.	Concluded
		3	S.P/NRM/Rabi /2013-3	To standardize improved production technology, plant perpetuation and disease management in strawberry in sub tropical climate of Bihar.	Ruby Rani, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Fruit and Fruit Technology, BAC, Sabour	Concluded
		4	S.P/NRM/Rabi /2013-4	Light annual pruning and chemical treatment for improving fruit yield and quality of mango.	Abhay Mankar, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Hort. (Fruit & Fruit Technology), BAC, Sabour	
		5	S.P/NRM/Rabi /2013-5	Precise fertilizer management through fertigation in kinnow mandarin and sweet orange.	K.Karuna, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Hort. (Fruit & Fruit Technology), BAC, Sabour	Concluded
		6	S.P/NRM/Rabi /2013-6	Stabilizing yield of different cropping systems under conservation agriculture.	Sanjay Kumar, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Agron., BAC, Sabour	

		7	S.P/NRM/Rabi /2013-7	Mitigation of high temperature stress in late sown wheat (<i>Triticum aestivum</i> L.) through exogenous application of synthetic compounds.	Arnab Roychowdhury, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Agron., BAC, Sabour.	Concluded
		8	S.P/NRM/Rabi /2013-8	Survey and Phyto-sociological studies of weed flora in major crops (Rice, Wheat, Maize, Lentil & Chickpea) of south Bihar.	Uday Kumar, Asstt. Prof.-cum-Jr. Scientist (Agron.), VKSCOA, Dumraon.	
		9	S.P/NRM/Rabi /2013-9	Nutrient management using omission plot studies in maize crop.	Y.K. Singh, Asstt. Prof.-cum-Jr. Scientist, Deptt. of SSAC, BAC, Sabour.	Concluded
		10	S.P/NRM/BAC/2013-1	"Studies on soil quality index (SQI), C sequestration potential and O.M. dynamics under L.T. rice based diversified cropping system" Sub Project I: SQI as affected by continuous application of O.M. and mineral fertilizer under L.T. fertilizer expt. (28 years) of BAU, Sabour. Sub Project II: Soil C sequestration potential of rice based diversified cropping system. Sub Project III: Soil organic matter fractions and pools of C under L.T. organic farming system.	Rajiv Rakshit, Co. P.I.: Anupam Das, and Co. P.I.: Rajeev Padbhushan, Jr. Scientist. (SSAC), BAC, Sabour.	Concluded

		11	S.P/NRM/ BAC/2013-2	Rootstock studies in mango.	M. Feza Ahmed, Chief Scientist, Deptt. of Hort., BAC, Sabour.	
		12	S.P/NRM/ BAC/2013-3	To impart training on soil sampling technique among farmers and preparing digital soil fertility map of Bihar	Dilip Kr., Jr. Scientist, ARI, Patna	
		13	S.P/NRM/ SSAC/2013-4	Development of novel fertilizer formulation using nontechnology for cereals. Sub Project I: Development of nanoclay polymer composites (NCPCs) based multi-nutrient fertilizer formulation for Maize. Sub Project II: Development of partially acidulated nanorock phosphate (PANRP) formulation for increasing P use efficiency in rice-wheat cropping system.	Nintu Mandal, Co. P.I. : Kasturikasen Beura, Jr. Scientist, Deptt. (SSAC), BAC, Sabour.	
		14	S.P/NRM/ BPSAC/ 2013-5	Development of herbal garden of medicinal and aromatic plants for koshi region.	Kamini Kumari, Jr. Scientists, BPSAC, Purnea	Concluded
		15	S.P/NRM/ JRS/2013-6	Studies on effect of I.N.M. in Tossa jute and its residual effect on mustard crop.	Lakshman K, Jr. Scientist (SS), JRS, Katihar.	Concluded

		16	S.P/NRM/ BAC/2013-7	Predicting regional crop yields and predictor variables affecting yields using modelling approach for stochastic crop decision planning in ACZ of III A and B Bihar.	S.S. Mahdi, Jr. Scientist (Agron), BAC, Sabour.	Concluded
		17	S.P/NRM/ BAC/2013-8	Impact of aerosol on cloud formation, on set of monsoon, rainfall variability and yield of rice and wheat crop in Bihar	Sunil Kumar, Asstt. Prof.-cum-Jr. Scientist (Agron), BAC, Sabour.	Concluded
		18	S.P/NRM/ BAC/2013-9	Collection, characterization & evaluation of agro-forestry species suitable for ACZ III (A) of Bihar.	S. Tyagi, Jr. Scientist (Agron.), BAC, Sabour.	Concluded
		19	S.P/NRM/ BAC/2013-10	Survey, collection and evaluation of small millet varieties for rainfed area of south Bihar.	M.K. Singh, Jr. Scientist (Agron), BAC, Sabour.	Concluded
		20	S.P/NRM/ RRS/2013-11	Study on native P. Solubilizers of NEAP of Bihar for development of efficacious phosphate bio fertilizers.	Ajeet Kumar, Jr. Scientist (SSAC), RRS, Agwanpur.	
		21	S.P/NRM/ BAC/2013-12	Impact of Fly Ash on Physico-chemical properties of Light Textured Soils of Koshi Region of Bihar.	S.C. Paul, Jr. Scientist, SSAC, BAC, Sabour.	Concluded
		22	S.P/NRM/ BAC/2013-13	Development of micropropagation protocol or mass multiplication of Gerbera.	Shyama Kumari, Jr. Scientist, (Veg. & Flori.), BAC, Sabour.	Concluded

Crop Protection	1	S.P/CP/Rabi/2013-1	Survey and surveillance for diseases and key insect pests of major crops in Zone IIIB.	Reyaz Ahmed, Assoc. Prof.-cum-Sr. Scientist, Deptt. of Plant Pathology, VKS CoA, Dumraon.	
	2	S.P/CP/Rabi/2013-2	An investigation of soil microflora with reference to Plant pathogen and Bio-control agents in conservation agriculture ecology.	Erayya, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Plant Pathology, BAC, Sabour.	
	3	S.P/CP/Rabi/2013-3	Impact of nanoparticles on different fungal Patho- systems.	Abhijeet Ghatak. Prof.-cum-Jr. Scientist, Deptt. of Plant Pathology, BAC, Sabour.	
	4	S.P/CP/Rabi/2013-4	Eco-friendly management of banana scarring beetle by bio-pesticides and mechanical barriers in Koshi Region of Bihar.	Shyam Babu Sah, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Entomology, BPSAC, Purnea.	Concluded
	5	S.P/CP/BAC/2013-1	Status and management of important insect pests of lentil, chickpea and pigeon pea with bio-rational and botanicals with special reference to pod borer complex.	Kiran Kumari, Jr. Scientist, Entomology, BAC, Sabour.	
	6	S.P/CP/BAC/2013-2	Taxonomic studies on the velvet ants of India (<i>Hymenoptera Mutillidae</i>)	Nitya Chandran, Jr. Scientist, Entomology, BAC, Sabour.	

		7	S.P/CP/BAC/ 2013-3	Influence of tillage and residue management on macrofauna with special reference to herbivores and natural enemies in a pulse based cropping system.	Nitya Chandran, Jr. Scientist, Entomology, BAC, Sabour.	Concluded
		8	S.P/CP/BAC/ 2013-4	Studies on population dynamics of fruit flies in cucurbitaceous vegetables and their management through various eco-friendly trapping methods.	Tamoghna Saha, Jr. Scientist, Entomology, BAC, Sabour.	Concluded
		9	S.P/CP/BAC/ 2013-5	Mass multiplication of Trichogramma spp. And entomopathogenic nematodes.	Anil, Jr. Scientist, Entomology, BAC, Sabour.	Concluded
		10	S.P/CP/BAC/ 2013-6	Development of FLY ASH based biopesticides.	Md. Arshad Anwer, Jr. Scientist, Plant Pathology, BAC, Sabour.	
		11	S.P/CP/BAC/ 2013-7	Studies on epidemiology of banana bunchy top diseases in Bihar.	Subhashish Sarkhel, Jr. Scientist, Plant Pathology, BAC, Sabour.	Concluded
		12	S.P/CP/BAC/ 2013-8	Molecular Breeding for Bacterial Blight (Xanthomonas oryzae pv. oryzae) Resistant genes in Rice.	Amrendra Kumar, Jr. Scientist, Plant Pathology, BAC, Sabour.	
		13	S.P/CP/ BAC/2013-9	Evaluate the efficacy of Fungicides against False Smut disease of Rice.	Amrendra Kumar, Jr. Scientist, Plant Pathology, BAC, Sabour.	

		14	S.P/CP/MBAC /2013-10	Eco-friendly management of sheath blight and blast diseases of rice (<i>Oryza sativa</i> L.) under natural field conditions during Kharif, 2013 & 2014 at MBAC, Agwanpur.	Durga Prasad, Jr. Scientist, Plant Pathology, MBAC, Agwanpur.	Concluded
		15	S.P/CP/MBAC /2013-11	Evaluation of efficacy of important antibiotics, chemicals and botanicals against causing bacterial leaf blight of rice.	Durga Prasad, Jr. Scientist, Plant Pathology, MBAC, Agwanpur.	Concluded
		16	S.P/CP/BRC/2013-12	Development of a module for integrated disease management of fungal and bacterial diseases of betel vine.	Prabhat Kumar, Jr. Scientist, Plant Pathology, BRC, Islampur.	
		17	S.P/CP/BRC/2013-13	Survey in Magadha region for incidence of diseases and collection of superior Magahi clone as well as chemical management of two major diseases Phytophthora leaf rot (<i>Phytophthora parasitica</i> var. <i>piperrina</i>) and Anthracnose leaf spot (<i>Colletotrichum capsici</i>) of betel vine.	Prabhat Kumar, Jr. Scientist, Plant Pathology, BRC, Islampur.	
	Product Development & Marketing	1	S.P/PDM/Rabi / 2013-1	Synthesis of novel nanopolymer-based antimicrobial coating and its impact on functionality and storage potential of fresh fruits.	Kalyan Barman, Asstt. Prof. - cum - Jr. Scientist, Deptt. of Hori. (Fruit), BAC, Sabour.	
		2	S.P/PDM/Rabi / 2013-2	Optimising osmotic dehydration of fruit slices.	Ahmar Aftab, Assoc. Prof. - cum - Sr. Scientist, Deptt. FST, BAC, Sabour.	Concluded

		3	S.P/PDM/Rabi / 2013-3	Development of nutraceutical beverage using Ginger and Honey.	J.P. Singh, Assoc. Prof. - cum - Sr. Scientist, Deptt. of FST, BAC, Sabour	Concluded
		4	S.P/PDM/Rabi /2013-4	In package sulphuring of litchi fruit.	Shamsher Ahmed, Asstt. Prof. -cum-Jr. Scientist, Deptt. FST, BAC, Sabour.	Concluded
		5	S.P/PDM/Rabi / 2013-5	Tracking the postharvest defense responses of Pointed Gourd using novel molecules and MAP.	Wasim Siddiqui, Asstt. Prof.-cum-Jr. Scientist, Deptt. of FST, BAC, Sabour	Concluded
		6	S.P/PDM/Rabi / 2013-6	Development and processing of Makhana (Euryale ferox) Popping Machine.	Jitendra Kumar, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Agri. Engg., MBAC, Agwanpur.	
		7	S.P/PDM/Rabi /2013-7	Design and development of Makhana Harvester.	Manish Kumar, Asstt. Prof.-cum-Jr. Scientist, BPSAC, Purnea	Concluded
		8	S.P/PDM/Rabi / 2013-8	Development of functional cookies and toffee using honey.	Ahmar Aftab, Assoc. Prof.-cum-Sr. Scientist, FST, BAC, Sabour	Concluded
		9	S.P/PDM/ BAC/2013-1	Design and Development of Manually operated Rotary Weeder.	Satish Kumar, Jr. Scientist, Agri. Engg., BAC, Sabour.	Concluded

		10	S.P/PDM/ BAC/ 2013-2	Design and Development of Cereal Flanking Machine and Study on Flaking Mechanism.	Satish Kumar, Jr. Scientist, Agri. Engg., BAC, Sabour.	
		11	S.P/PDM/ BAC/2013-3	Development of a maize cum potato planter attachment with a Power Tiller.	Ashok Kumar, Jr. Scientist, Agri. Engg., BAC, Sabour.	
		12	S.P/PDM/ BAC/2013-4	Design and Development of a self propelled secondary tillage machine	Sanoj Kumar, Jr. Scientist, Agri. Engg., BAC, Sabour.	Concluded
		13	S.P/PDM/ BAC/2013-5	Development of Postharvest Protocol to Control Sapburn and Postharvest Diseases in Mango.	Kalyan Barman, Jr. Scientist, (Fruit), BAC, Sabour	
		14	S.P/PDM/ BAC/2013-6	Analysis of Supply Chain Management of Maize in Bihar	Rajesh Kujmar, Jr. Scientist, BAC, Sabour	
	Social Science	1	S.P/SS/BAC/ 2013-1	Development of Efficient Estimation Techniques in Sample Surveys.	Ms. Fozia Homa, Jr. Scientist, SMCA, BAC, Sabour.	Concluded
		2	S.P/SS/BAC/ 2013-2	Impact of withdrawal of fertilizer subsidy on its consumption & crop production in Bihar.	M.K. Wadhvani, Chief Scientist, Agri. Economics. BAC, Sabour.	Concluded

		3	S.P/SS/BAC/ 2013-3	Development of Research Resources Server in Bihar Agricultural University, Sabour.	Basudev Kole, Jr. Scientist, Deptt. of SMCA, BAC, Sabour.	Concluded
	Animal Husbandry	1	S.P/A.I/BVC/ 2013 - 1	Study on DNA polymorphism at Fec B gene and its association with litter size trait of local goats in Bihar.	Ramesh Kumar Singh, Jr. Scientist (ABG), BVC, Patna.	Concluded
		2	S.P/LSPDM/ DT/2013-2	Enhancement of shelf-life of paneer by using bio-preservatives.	Suryamani Kumar, Jr. Scientist (DT), SGIDT, Patna.	Concluded
		3	S.P/ LSPDM /BVC/2013-3	Exploitation of dietary tannins on gastrointestinal health and growth performance in goats.	Kaushalendra Kumar, Jr. Scientist (Animal Nutrition), BVC, Patna.	Concluded
		4	S.P/ LSPDM /BVC/ 2013-4	Growth performance of buffalo calves fed protected protein.	Sanjay Kumar, Jr. Scientist (Animal Nutrition), BVC, Patna.	Concluded
		5	S.P/S.S/BVC/ 2013-5	Popularization of Indigenous technical knowledge (ITK's) in Animal Husbandry, through demonstration and training in Bihar.	Saroj Kumar Rajak, Jr. Scientist (A.H.), BVC, Patna.	Concluded

		6	S.P/A.H/BVC/ 2013-6	Pathomorphological & immunopathological studies of selection toxicity induced in broiler chicken & natural cases of animals in prone area on Bihar.	Deepak Kumar, Jr. Scientist (V. Path.), BVC, Patna.	Concluded
		7	S.P/A.H/BVC/ 2013-7	Incidence of gastrointestinal helminth parasites in goat and their therapeutic management.	Arvind Kumar Das, Jr. Scientist (V.C.M.), BVC, Patna.	Concluded
		8	S.P/A.H/BVC/ 2013-8	Prevalence of gastroenteritis in dogs with special reference to etiology, haematological changes and its therapeutic management in and around Patna.	Bipin Kumar, Jr. Scientist, BVC, Patna.	Concluded
		9	S.P/A.H/BVC/ 2013-9	Studies on ectoparasitic dermatitis in domesticated animals ; role of some common herbal extracts for common prevalent ectoparasite management.	Pankaj Kumar, Jr. Scientist, BVC, Patna.	Concluded
		10	S.P/A.H/BVC/ 2013-10	Evaluation of anthelmintic properties of ethnovetterinary plant preparations used as livestock dewormers by pastoralists and farmers in Bihar.	Ajit Kumar, Jr. Scientist, BVC, Patna.	Concluded

		11	S.P/A.H/BVC/ 2013-11	Surveillance monitoring forecasting of gastro-intestinal parasitic diseases of cattle and buffalo in Bihar.	Raj Kishor Sharma, Jr. Scientist, BVC, Patna.	Concluded
		12	S.P/A.H/BVC/ 2013-12	To prepare visual add of leg conformation of Horse.	Manoj Kumar Singh, Jr. Scientist, BVC, Patna.	Concluded
		13	S.P/A.H/BVC/ 2013-13	Prevalence and etiopathology of early chicks mortality in poultry farm in and around Patna.	Imran Ali, Jr. Scientist (V.P), BVC, Patna.	Concluded
		14	S.P/A.H/BVC/ 2013-14	Cytopathological and histopathological diagnosis & grading of superficial neoplasia in animals.	Sanjiv Kumar, Jr. Scientist (V.P), BVC, Patna.	Concluded
		15	S.P/A.H/BVC/ 2013-15	Detection of rotavirus in diarrheic calves in and around Patna.	Savita Kumari, Jr. Scientist (V.M), BVC, Patna.	Concluded
		16	S.P/A.H/BVC/ 2013-16	Evaluation of economical external skeletal fixations in long bone fracture repair of small ruminant.	Rajesh Kujmar, Jr. Scientist, BVC, Patna.	Concluded
		17	S.P/A.H/BVC/ 2013-17	Efficacy of certain immunomodulation in therapeutic management of endometritis in Buffaloes.	C.S. Azad, Jr. Scientist (AGRO), BVC, Patna.	Concluded

		18	S.P/A.H/BVC/ 2013-18	Evaluation of blood biochemical profile in different parasitic infection in ruminants.	Anil Gattani, Jr. Scientist, BVC, Patna.	Concluded
		19	S.P/A.H/BVC/ 2013-19	Blood profiling during transition period in cross bred dairy cattle and their association with milk production.	Ajeet Kumar, Jr. Scientist, BVC, Patna.	Concluded
		20	S.P/A.H/BAC/ 2013-20	Productivity performance of Japans quail breeds under deep litter system of housing.	Amit Kumar, Jr. Scientist (Agron), BAC, Sabour.	Concluded
2014-15	Crop Improvement	1	S.P/CI/Rabi / 2014-1	Selection of suitable vegetable and flower cultivars for protected cultivation in Bihar.	Paramveer Singh, Jr. Scientist, Horti. (Veg. & Flori.), BAC, Sabour.	
	Natural Resource Management	1	S.P/NRM/Rabi / 2014-1	Studies on sporocarp viability, nutritional management, nitrogen release from <i>Azolla</i> and development on <i>Azolla</i> based INMS module for higher storability of Karif onion.	Arun Kumar, Jr. Scientist, SSAC, BAC, Sabour	Concluded
		2	S.P/NRM/Rabi / 2014-2	Evaluation of multi-location trials on fertility levels under high plant density on Rabi Maize productivity in Bihar. Dr. Mahesh Kumar Singh, Jr. Scientist, Agronomy, BAC, Sabour.	Mahesh Kumar Singh, Jr. Scientist, Agronomy, BAC, Sabour.	
		3	S.P/NRM/Rabi / 2014-3	Makhana-cum-Fish farming for standardization of Fingerling stocking density under INM condition.	Anil Kumar, Jr. Scientist, BPSAC, Purnea.	

		4	S.P/NRM/Rabi /2014-4	Fulfilment of quality Onion and Garlic seed requirement of Bihar through promote seed production of Onion and Garlic in public-private mode.	M.D. Ojha, Sr. Scientist, CoH, Noorsarai.	Concluded
	Crop Protection	1	S.P/CP/Rabi / 2014-1	Studies on insect and gastropod pest complex and their management in Makhana Ecosystem.	Paras Nath Sr. Scientist (Entomology), BPSAC, Purnea.	Concluded
		2	S.P/CP/Rabi / 2014-2	Validation of Technologies for Knowledge - Based Management of Lentil Wilt.	Dr. Reyaz Ahmad, Sr. Scientist, Plant Pathology, VKSCOA, Dumraon, Buxer.	
		3	S.P/CP/Rabi / 2014-3	Studies on ecological approaches for sustainable management of mustard aphid.	Tarak Nath Goswami, Jr. Scientist, Entomology, BAC, Sabour.	
		4	S.P/CP/Rabi / 2014-4	Biochemical and molecular mechanisms of virulence and signaling in necrotrophic interactions.	Chanda Kushwaha, Jr. Scientist, Plant Pathology, BAC, Sabour.	
	Product Development & Marketing	1	S.P/PDM/Kharif/2014-1	Development of cold storage facility in the Maize Section, BAC, Sabour.	Sanoj Kumar, Jr. Scientist-cum-Asstt. Prof., Deptt. of Agril. Engg., BAC, Sabour.	Concluded
		2	S.P/PDM/Rabi /2014-1	Alleviation of senescence linked oxidative damage for improved postharvest quality of Banana.	Wasim Siddiqui, Jr. Scientist, FST, BAC, Sabour	

2015-16	Crop Improvement	1	S.P/C.I./Kharif /2015-1	Isolation and Characterization of plant growth promoting Rhizobacteria (PGPR) from Maize rhizosphere with bio-technological potential in agriculture.	Md. Shamim, Asstt. Prof.-cum-Jr. Scientist, Bio-technology, Deptt. of PBG, BAC, Sabour.	
		2	S.P/C.I./Kharif /2015-2	Development of high yielding aerobic Rice through MAS.	Anand Kumar, Asstt. Prof.-cum-Jr. Scientist, Deptt. of PBG, BAC, Sabour.	
		3	S.P/C.I./Kharif /2015-3	Association mapping for drought tolerance traits in maize.	Vinod Kumar, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Molecular Biology & Genetic Engineering, BAC, Sabour.	
		4	S.P/C.I./Kharif /2015-4	Development of high yield as short duration varieties of Sesame (<i>Sesamum indicum</i> L.) for Bihar.	Sima Sinha, Asstt. Prof.-cum-Jr. Scientist, Deptt. of PBG, BAC, Sabour.	
		5	S.P/C.I./Kharif /2015-5	Development of terminal heat tolerant wheat genotypes through marker assisted interventions.	Anita Yadav, BAC, Sabour.	
		6	S.P/C.I./Kharif / 2015-6	Effect of seed in enhancement treatment on vigour and field performance of lentil.	Mukesh Kumar, Asstt. Prof.-cum-Jr. Scientist, Seed Technology, (PG Deptt.), BAU, Sabour.	

		7	S.P/C.I./Kharif / 2015-7	Development of parthenocarpic gynoecious lines in cucumber (<i>Cucumis sativus</i> L.) for protected cultivation.	Ajay Bhardwaj, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Horticulture (Veg. & Flori.), BAC, Sabour.	
		8	S.P/C.I./Kharif /2015-8	Marker assisted introgression of sub I locus to transfer submergence tolerance in rice.	Sweta Sihna, Asstt. Prof.-cum-Jr. Scientist, Deptt. of PBG, BAC, Sabour.	
		9	S.P/C.I./Kharif / 2015-9	Molecular characterization of candidate genes conferring heat tolerance in Cheackpea.	Rafat Sultana, Asstt. Prof.-cum-Jr. Scientist, Deptt. of PBG, BAC, Sabour.	
		10	S.P/C.I./Kharif / 2015-10	Identification and molecular characterization of necrosis viruses in Groundnut, Sunflower and Mungbean yellow mosaic virus in Mungbean.	Mahesh Kumar, Asstt. Prof.-cum-Jr. Scientist, Bio-technology, Deptt. of PBG, BAC, Sabour.	
	Natural Resource Management	1	S.P/NRM/ Kharif /2015-1	Development of edible vaccine against Mastitis.	Dharamsheela, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Molecular Biology & Genetic Engineering (PBG), BAC, Sabour.	
		2	S.P/NRM/ Kharif /2015-2	Extent and distribution of arsenic contamination in gound water soil and plant in Buxer and Bhojpur district and curbing of its Phyto-availability to crops.	Priyanka Rani, VKS,COA, Dumraon, Buxar.	

		3	S.P/NRM/ Kharif / 2015-3	Response of arbuscular micorrhizae (A.M) fungi on plant performance of guava (<i>Psidium guajava</i> L).	Rupa Rani, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Horticulture (FFT), BAC, Sabour.	Concluded
		4	S.P/NRM/ Kharif / 2015-4	Effect of conservation agriculture in Banana and Mango.	Suraj Prakash, Asstt. Prof.-cum-Jr. Scientist (Horticulture), BPSAC, Purnea	
		5	S.P/NRM/ Kharif / 2015-5	Collection and evaluation of suitable cluster-bean varieties for Koshi region of Bihar.	Gopal Lal Choudhary, Asstt. Prof.-cum-Jr. Scientist (Agronomy), RRSS, Jalalgarh, Purnea.	Concluded
		6	S.P/NRM/ Rabi /2015-1	Effect of pre and post emergence herbicides for control of Smell melon (<i>Gurmi</i>) { <i>Cucumis melo</i> Var. <i>dudaim</i> (Naud.)} in summer green gram for <i>Koshi</i> region of Bihar.	Umesh Singh, Assoc. Director Research, RRS, Agwanpur.	
		7	S.P/NRM/ Rabi /2015-2			
		8	S.P/NRM/ Rabi /2015-3	Minimizing weeds in Onion.	Sangeeta Kumari, ARI, Patna	
	Crop Protection	1	S.P/CP/Kharif / 2015-1	Molecular diversity of fruit flies (Tephritidae Diptera) and their host plant determination from major fruit and cucurbits growing regions of Bihar.	Chandra Shekhar Prabhakar, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Entomology, BAC, Sabour.	

	Product Development & Marketing	1	S.P/PDM/Kharif / 2015-1	Application of essential oils for extending the shelf life of tomato, mango and guava” with two objectives: (i) To assess the effect of essential oils on physic chemical changes in fruits. (ii) To extend the shelf life of perishable fruits.	Shashi Kala, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Food Science & Post Harvest Technology, BAC, Sabour.	
		2	S.P/PDM/Kharif / 2015-2	Value addition of flowers through dehydration techniques.	Deepti Singh, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Horticulture (Veg. & Flori.), BAC, Sabour.	
	Social Science	1	S.P/SS/Kharif / 2015-1	Need based interactive crop specific information delivery services using kiosk.	Arindam Nag, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Agril. Extn, Education, BAC, Sabour.	
		2	S.P/SS/Kharif / 2015-2	Production and Marketing of Onion in Bihar.	Lokesh Kumar Meena, Asstt. Prof.-cum-Jr. Scintion, Deptt. of Agril. Exconomics, BAC, Sabour.	
		3	S.P/SS/Kharif / 2015-3	Market mapping: A frame work for rural entrepreneur’s development through market linkage.	Meera Kumari, Asstt. Prof.-cum-Jr. Scintion, Deptt. of Agril. Economics, BAC, Sabour.	
	2016-17	Crop Improvement	1	S.P/C.I./Kharif /2016-1	Screening the germplasm for high yield and quality traits in Bitter-gourd (Memordica charantia L.).	Ranju Kumari, Asstt. Prof.-cum-Jr. Scientist (PBG), NCoH,

				Noorsarai.	
2	S.P/C.I./Kharif /2016-2	Exploitation of genetic resources for varietal improvement of Spine gourd (<i>Momordica dioica</i> Roxb) and Ivy gourd (<i>Coccinia cordifolia</i> L.)	Ramesh Kumar Sharma, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Horti. (Olericulture & Floriculture), BAC, Sabour		
3	S.P/C.I./Kharif /2016-3	Identification of high yielding early genotypes in vegetable pea (<i>Pisum sativum</i> L).	Dr. Alok Kumar, Asstt. Prof.-cum-Jr. Scientist (Basic Science & Humanities), NCOH, Noorsarai.		
4	S.P/C.I./Kharif /2016-4	Improvement of popular lentil (<i>Lens culinaris</i> L.) cultivars of Zone III (B) of Bihar for high yield and pod porer tolerance through induced mutagenesis.	Dr. Prakash Singh, Asstt. Prof.-cum-Jr. Scientist (PBG), VKSCOA, Dumraon, Buxar.		
5	S.P/C.I./Kharif /2016-5	Development of gynoecious lines in bitter gourd (<i>Momordica charantia</i> L.).	Dr. Ajay Bhardwaj, Asstt. Prof.-cum-Jr. Scientist (Horticulture-Olericulture & Floriculture), BAC, Sabour.		

		6	S.P/C.I./Kharif /2016-6	Transcriptome Analysis and Development of SSR Molecular Markers in Makhana (Earyale ferox Salish.)	Dr. Anil Kumar, Asstt. Prof.-cum-Jr. Scientist (Horticulture-Fruit), BPSAC, Purnea	
		7	S.P/C.I./Kharif /2016-7	Collection, Conservation, Multiplication, Training, Distribution, Development and Sustainable Management of Medicinal Plants in Bihar.	Dr. M.P. Mandal, Asstt. Prof.-cum-Jr. Scientist (PBG), BAC, Sabour.	
		8	S.P/C.I./Kharif /2016-8	Standardization of micropropagation procedure in Bamboo for large scale production of disease free planting materials.	Dr. Awadhesh Kumar Pal, Asstt. Prof.-cum-Jr. Scientist (PBG), BAC, Sabour.	
		9	S.P/C.I./Kharif /2016-9	Identification of heat tolerant and early maturing lines of lentil for late sown condition.	Dr. Anil Kumar, Asstt. Prof.-cum-Jr. Scientist (PBG), BAC, Sabour.	
		10	S.P/C.I./Kharif /2016-10	Breeding for terminal heat tolerance in wheat using marker assisted back cross program.	Dr. Chandan Roy, Asstt. Prof.-cum-Jr. Scientist (PBG), BAC, Sabour.	
		11	S.P/C.I./Kharif /2016-11	Standardization of embryo rescue technique for interspecific hybrid between Brassica fraticulosa and B. rapa.	Mr. Chandan Kishore, Asstt. Prof.-cum-Jr. Scientist (PBG), BAC, Sabour.	

		12	S.P/C.I./Kharif /2016-12	Development of brinjal hybrids for summer season.	Dr. Shirin Akhtar, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Horti. (Veg. & Flori.), BAC, Sabour.	
		13	S.P/C.I./Kharif /2016-13	Collection and evaluation of underutilized vegetables for yield and quality parameter under Zone - IIIB.	Mr. Satish Kumar, Asstt. Prof.-cum-Jr. Scientist (Horti. Veg.), NCOH, Noorsarai.	
		14	S.P/C.I./Kharif /2016-14	Evaluation of papaya varieties geotypes with respect to yield. TSS and virus tolerance for suitability under Zone - IIIB of Bihar. .	Dr. Mahender Pal, Asstt. Prof.-cum-Jr. Scientist, NCOH, Noorsarai.	
	Natural Resource Management	1	S.P/NRM/Kharif/ 2016-1	Studies on crop establishment and nitrogen management practices for mitigating the impact of climate change in direct seeded rice based cropping systems.	Suborna Roy Choudhury, Asstt. Prof.-cum-Jr. Scientist (Agronomy), BAC, Sabour.	
		2	S.P/NRM/Kharif/ 2016-2	Potassium management under different cropping systems in Eastern Bihar.	Saurabh Kr. Choudhary, Asstt. Prof.-cum-Jr. Scientist (Agronomy), BAC, Sabour	
		3	S.P/NRM/Kharif/ 2016-3	Preventing the flower drop and enhancing the production and productivity of pigeonpea through the application of plant growth regulators and chemicals.	Pravesh Kumar, Asstt. Prof.-cum-Jr. Scientist (Agronomy), BAC, Sabour	

		4	S.P/NRM/Kharif/ 2016-4	Performance of different grape cultivars for their yield and quality parameters under the agro-climatic condition of IIIB Zone of Bihar	Manoj Kundu, Asstt. Prof.-cum-Jr. Scientist (Horti-Fruit & Fruit Technology), BAC, Sabour	
		5	S.P/NRM/Kharif/ 2016-5	Identification of the suitable varieties and herbicide combinations in DSR- Zero-till wheat cropping system for Zone IIIB through farmers participatory approach.	Uday Kumar, Asstt. Prof.-cum-Jr. Scientist (Agronomy), VKSCOA, Dumraon (Buxar).	
		6	S.P/NRM/Kharif/ 2016-6	Development of Organic Farming Package for High Value Vegetable Crops.	Dr. Santosh Kumar Chaudhary, Asstt. Prof.-cum-Jr. Scientist (Agronomy), NCOH, Noorsarai.	
		7	S.P/NRM/Kharif/ 2016-7	Management of Vetch Weeds (Vicia spp) in Lentil.	Dr. G.S. Panwar, Assoc. Prof.-cum-Sr. Scientist (Agronomy), BAC, Sabour.	
		8	S.P/NRM/Kharif/ 2016-8	Development Agro-techniques for Improving Quality Fodder Production in Bihar.	Dr. Sanjeev Kumar Gupta, Asstt. Prof.-cum-Jr. Scientist (Agronomy), BAC, Sabour.	

		9	S.P/NRM/Kharif/ 2016-9	Assessment of mixed crop combinations on production and productivity over sole cropping and farmer's practice.	Mr. Pravesh Kumar, Asstt. Prof.-cum-Jr. Scientist (Agronomy), BAC, Sabour.	
		10	S.P/NRM/Kharif/ 2016-10	Effect of moisture conservation practices and nutrient management on productivity of mustard.	Dr. Shashank Tyagi, Asstt. Prof.-cum-Jr. Scientist (Agronomy), BAC, Sabour.	
		11	S.P/NRM/Kharif/ 2016-11	Standardization of water requirement and nutrient management of mango cv. Amrapali under high density orchard in Nalanda region.	Dr. Pawan Kumar, Asstt. Prof.-cum-Jr. Scientist (Horti. Fruitt), NCOH, Noorsarai.	
		12	S.P/NRM/Kharif/ 2016-12	To study the effect of different levels of Boron & Zinc on growth yield and quality of early Cauliflower.	Dr. Mahesh Kumar, Asstt. Prof.-cum-Jr. Scientist (Horticulture), NCOH, Noorsarai.	
	Crop Protection	1	S.P/CP/Kharif / 2016-1	Exploration and characterization of native Pseudomonas fluorescens for biological control activity.	Srinivasaranghavan A., Asstt. Prof.-cum_jr. Scientist, Deptt. of Plant Pathology, BAC, Sabour.	
		2	S.P/CP/Kharif / 2016-2	Epidemiology and Management of Yellow Mosaic Disease of Mungbean.	Dr. Srinivasaraghavan A., Asstt. Prof.-cum-Jr. Scientist (Plant Pathology), BAC, Sabour.	

		3	S.P/CP/Kharif / 2016-3	Bio-ecology and management of red banded mango caterpillar on mango.	Dr. Anil, Asstt. Prof.-cum-Jr. Scientist (Entomology), BAC, Sabour.	
		4	S.P/CP/Kharif / 2016-4	Evaluation of different colour traps and wooden blocks for lure absorption in capturing fruit flies.	Dr. Tamoghna Saha., Asstt. Prof.-cum-Jr. Scientist (Entomology), BAC, Sabour.	
		5	S.P/CP/Kharif / 2016-5	Bio-diversity and evaluation of entomopathogenic nematodes in Bihar.	Dr. Sanjay Kumar Sharma, Asstt. Prof.-cum-Jr. Scientist (Nematology), BAC, Sabour.	
		6	S.P/CP/Kharif / 2016-6	Field monitoring of whiteflies transmitting Yellow vein mosaic virus characterization and development of management strategies.	Dr. A.P. Bhagat, Chief Scientist-cum-Univ. Prof. (Plant Pathology), BAC, Sabour.	
		7	S.P/CP/Kharif / 2016-7	Prevention of Charcoal Rot through Mushroom Waste Amendment in Chickpea.	Dr. Abhijeet Ghatak, Asstt. Prof.-cum-Jr. Scientist (Plant Pathology), BAC, Sabour.	
		8	S.P/CP/Kharif / 2016-8	Molecular Characterization of brinjal shoot and fruit borer (<i>Leucinodes orbonalis</i> Guenee).	Dr. Tamoghna Saha Asstt. Prof.-cum-Jr. Scientist (Entomology), BAC, Sabour.	

Product Development & Marketing	1	S.P/PDM/Kharif / 2016-1	Development, standardization and quality characterization of different Palmyrah products.	Mr. Prem Prakash, Asstt. Prof.-cum-Jr. Scientist (FST), BAC, Sabour	
	2	S.P/PDM/Kharif / 2016-2	Novel Green Nano-particles for Enhancing Postharvest Defence Mechanism of Fresh Fruits.	Dr. Md. Wasim Siddiqui, Asstt. Prof.-cum-Jr. Scientist (FST), BAC, Sabour	
	3	S.P/PDM/Kharif / 2016-3	Standardization and quality evaluation of low sugar mango products.	Dr. Md. Shamsher Ahmad, Asstt. Prof.-cum-Jr. Scientist (FST), BAC, Sabour	
	4	S.P/PDM/Kharif / 2016-4	Standardization of cultivation techniques for Kharif onion.	Dr. Vijay Kumar Singh, Asstt. Prof.-cum-Jr. Scientist (Horti-Vege.), BAC, Sabour	
	5	S.P/PDM/Kharif / 2016-5	Effect of planting time, planting ratio on seed production and storage and its standardization in hybrid maize.	Dr. Arun Kumar, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Seed Science & Technology (PG Deptt.), BAU, Sabour. Co.P.I: Dr. Birender Singh, Asstt. Prof.-cum-Jr. Scientist (PBG), BAC, Sabour	

		6	S.P/PDM/Kharif / 2016-6	Design and Development of Manual Operated low cost Onion transplanter from small and marginal farmers.	Dr. Manish Kumar, Asstt. Prof.-cum-Jr. Scientist (Agril. Engg.), NCOH, Noorsarai.	
	Social Science	1	S.P/SS./Kharif /2016-1	Designing and development of branding strategies for selected released technologies of BAU, Sabour, Bhagalpur.	Ram Datt. Asstt. Prof.-cum-Jr. Scientist, Deptt. of Extn. Edu., BAC, Sabour.	
		2	S.P/SS./Kharif / 2016-2	Assessment of production system constraints and development of research & recommendation domain priorities for the major Farming systems of Agro-climatic Zones II and III A of the Bihar State.	Mr. Shridhar Patil, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Extn. Edu., BAC, Sabour	
		3	S.P/SS./Kharif/ 2016-3	Farmers motivation to adopt sustainable farm technology and modelling farmers behaviour.	Sri S. Divakar, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Extension Education, BAC, Sabour	
		4	S.P/SS./Kharif/ 2016-4	Impact Assessment of Innovative Extension Approaches adapted by Bihar Agriculture University, Sabour.	Sri Shridhar Patil, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Extension Education, BAC, Sabour	
	Animal Husbandry	1	S.P/A.H/BAC/ 2016-01	Residual Analysis of Aflatoxin in Food Producing Animal Origin in Different District of Bihar.	Dr. Ramesh Kumar Nirala, Asstt. Prof.-cum-Jr. Scientist, Deptt. of Veterinary Pharmacology & Toxicology, BVC, Patna.	

2017-18	Crop Improvement	1	S.N.P/C.I./Rabi/2017-01	Understanding the bearing habit in Mango.	Dr. B.D. Prasad, Asstt. Prof.-cum-Jr. Scientist (PBG), BAC, Sabour.	
		2	S.N.P/C.I./Rabi/2017-02	Development of efficient Pine-apple micro-propagation protocol for commercial production.	Dr.Tushar Ranjan, Asstt. Prof.-cum-Jr. Scientist (PBG), BAC, Sabour.	
		3	S.N.P/C.I./Rabi/2017-03	Breeding for spot blotch resistance in wheat.	Mr. Sudhir Kumar, Asstt. Prof.-cum-Jr. Scientist (PBG), BAC, Sabour.	
		4	S.N.P/C.I./Rabi/2017-04	Genetic Characterization of Wheat genotypes to initiate wheat precise breeding database.	Dr. T. Chattopadhyay, Asstt. Prof.-cum-Jr. Scientist (PBG), BAC, Sabour.	
		5	S.N.P/C.I./Rabi/2017-05	Development of short duration, high yield and synchronous maturity Mungbean (<i>Vigna radiate</i> L.) genotypes for Bihar.	Dr. Anil Kumar, Asstt. Prof.-cum-Jr. Scientist (PBG), BAC, Sabour.	
		6	S.N.P/C.I./Rabi/2017-06	Development of bud fly resistant linseed lines using mutation breeding.	Dr. R.B.P. Nirala, Asstt. Prof.-cum-Jr. Scientist (PBG), BAC, Sabour.	
		7	S.N.P/C.I./Rabi/2017-07	Development of a microcontroller based smart sensor platform for monitoring environmental parameters related to tissue culture rooms, green houses and plant science laboratories.	Dr. Ravi Keshari, Asstt. Prof.-cum-Jr. Scientist (PBG), BPSAC, Purnea	

		8	S.N.P/C.I./Rabi/2017-08	Identification of high yielding early genotypes in French Bean (<i>Phaseolus vulgaris</i> L.)	Dr.Sardar Sunil Singh, NCOH, Noorsarai	
	Natural Resource Management	1	S.N.P/NRM/Kharif/ 2017-01	Developing and validating modified STCR equations for prominent crops in Agroclimatic Zone II, IIIA and IIIB of Bihar.	Dr.Anshuman Kohli, Assoc. Prof.-cum-Sr. Scientist (SSAC), BAC, Sabour.	
		2	S.N.P/NRM/Kharif/ 2017-02	Organic based Nutrient Management in Katarni Rice and its Residual Effect on Chick Pea.	Dr.Shambhu Prasad, Asstt.Prof.-cum-Jr. Scientist (Agronomy), BAC, Sabour.	
		3	S.N.P/NRM/Kharif/ 2017-03	Studies on split application of potassium for higher productivity, profitability and improved Soil Health of Rice based cropping system.	Dr.Saurabh Kumar Choudhary Asstt.Prof.-cum-Jr. Scientist (Agronomy), BAC, Sabour.	
		4	S.N.P/NRM/Kharif/ 2017-04	Development of Liquid Microbial Inoculants (Biofertilizers) formulations.	Dr. Mahendra Singh, Asstt.Prof.-cum-Jr. Scientist (SSAC), BAC, Sabour.	
		5	S.N.P/NRM/Kharif/ 2017-05	Determination of soil physical quality index (SPI) in a long-term integrated nutrient management options in Rice-Wheat cropping system on typical alluvial soils.	Dr. Vinay Kumar, Asstt.Prof.-cum-Jr. Scientist (SSAC), BAC, Sabour.	
		6	S.N.P/NRM/Rabi/ 2017-01	Multiplication and establishment of Strawberry plants and demonstration of strawberry production technology of Bihar.	Dr. Ruby Rani, Asstt.Prof.-cum-Jr. Scientist (Horti-Fruit), BAC, Sabour.	

		7	S.N.P/NRM/ Rabi/ 2017-02	Response of potassium on growth and productivity of wheat in Zone-III B of Bihar.	Dr. A.K. Jain, VKSCOA, Dumraon	
		8	S.N.P/NRM/ Rabi/ 2017-03	Persistence behaviour and risk assessment of propineb in Jute.	Dr.Pritam Ganguly, JRS, Katihar	
		9	S.N.P/NRM/ Rabi/ 2017-04	Exploring the enzymatic distribution and kinetics of enzymes in soil particle size fractions.	Dr. Rajiv Rakshit, Asstt.Prof.-cum-Jr. Scientist (SSAC), BAC, Sabour.	
		10	S.N.P/NRM/ Rabi/ 2017-05	Production potential of early, mid and late sown potato under different potassium levels.	Dr. S.K. Singh, BPSAC, Purnea	
		11	S.N.P/NRM/ Rabi/ 2017-06	Assessment of gonadal maturity and spawning behaviour of Indian Major Corps in South Bihar.	Dr.Suday Prasad, VKSCOA, Dumraon	
		12	S.N.P/NRM/ Rabi/ 2017-07	Effect of different planting time and varieties on growth, flowering behaviour and corn production of Gladiolus (<i>Gladiolus grandiflorus</i> L.) in Bihar.	Dr. S.R.P. Singh, NCOH, Noorsarai	
		13	S.N.P/NRM/ Rabi/ 2017-08	Identification, Collection and Evaluation of local genotypes of guava, banana and papaya in III-B zone of Bihar.	Dr.Divya Tiwari, NCOH, Noorsarai	
		14	S.N.P/NRM/ Rabi/ 2017-09	Development of organic production system in Banana (<i>Musa</i> Spp.)	Dr.Suraj Prakash, BPSAC, Purnea.	

		15	S.N.P/NRM/ Rabi/ 2017-10	Effect of micronutrient and sulphur application on productivity of maize in Koshi region.	Sri S.P. Sinha, BPSAC, Purnea	
		16	S.N.P/NRM/ Rabi/ 2017-11	Evaluation of natural resources under Agro-climatic Zone – II.	Dr. Rajkishore Kumar, Asstt. Prof.- cum-Jr. Scientist (SSAC), BAC, Sabour	
	Crop Protection	1	S.N.P/CP/ Kharif / 2017- 01	Survey, surveillance and etiology of major diseases in makhana (<i>Euryale ferox</i>).	Dr. Santosh Kumar, Asstt. Prof.-cum-Jr. Scientist (Plant Pathology), MBAC, Agwanpur.	
		2	S.N.P/CP/ Kharif / 2017- 02	Development of screening technique and fungicide control of rice false smut.	Dr. Durga Prasad, Asstt. Prof.-cum-Jr. Scientist (Plant Pathology), BAC, Sabour.	
		3	S.N.P/CP/ Rabi/ 2017-01	Nano particles mediated altered melanin Biosynthesis in Fungal Pathosystem.	Dr. A. Ghatak, Asstt. Prof.-cum-Jr. Scientist (Plant Pathology), BAC, Sabour.	
		4	S.N.P/CP/ Rabi/ 2017-02	Diversity study of Panama Wilt of Banana pathogen prevalent in Bihar.	Dr. Gireesh Chand, Assoc. Prof.-cum-Sr. Scientist (Plant Pathology), BAC, Sabour	
		5	S.N.P/CP/ Rabi/ 2017-03	Exploration of viral complexity in papaya plantation.	Dr. Md. Ansar, Asstt. Prof.-cum-Jr. Scientist (Plant Pathology), BAC, Sabour.	

		6	S.N.P/CP/ Rabi/ 2017-04	Analysing Alternaria brassisicola Brassica interactions at an elevated temperatures.	Dr. Chanda Kushwaha, Asstt. Prof.-cum-Jr. Scientist (Plant Pathology), BAC, Sabour.	
		7	S.N.P/CP/ Rabi/ 2017-05	Survey of immerging insect pests and diseases of maize, pluses, mango and banana in context to climate change.	Dr. Arshad Anwar, Asstt. Prof.-cum-Jr. Scientist (Plant Pathology), BAC, Sabour.	
		8	S.N.P/CP/ Rabi/ 2017-06	Fumigant toxicity of essential oils against three stored product beetles.	Dr. Ranjeet Kumar, MBAC, Saharsa	
		9	S.N.P/CP/ Rabi/ 2017-07	Insect Fauna of maize with special reference to management of maize stem borer.	Dr. Kiran Kumari, Asstt. Prof.-cum-Jr. Scientist (Plant Pathology), BAC, Sabour.	
		10	S.N.P/CP/ Rabi/ 2017-08	Biotic stress management though organic amendmets and bio-pesticides in Mokama.	Dr. Paras Nath, BPSAC, Purnea	
		11	S.N.P/CP/ Rabi/ 2017-09	Role of insect pollinators on onion seed production in zone III-B of Bihar.	Dr. Beer Bahadur Singh, NCOH, Noorsarai	
	Product Development & Marketing	1	S.N.P/PDM/ Kharif / 2017-01	Survey & Surveillance of Palmyrah-Palm trees in Bihar for yield & quality attributes of neera and other product.	Dr. M.A Aftab, Assoc.-Prof.-cum-Sr. Scientist (FS&PHT), BAC, Sabour.	

		2	S.N.P/PDM/ Kharif / 2017- 02	Standardization of canning process in ice apple (Palmyra palm kernel).	Md. Shamsher Ahmad, Asstt. Prof.-cum-Jr. Scientist (FS&PHT), BAC, Sabour.	
		3	S.N.P/PDM/ Kharif / 2017- 03	Modelling and Forecasting of yield of major cereal crops of Bihar.	Dr. FoziaHoma, Asstt. Prof.-cum-Jr. Scientist (SMCA), BAC, Sabour.	
		4	S.N.P/PDM/ Rabi/ 2017-01	Development of real time on package freshness indicator for fruit packaging.	Dr.Wasim Siddiqui, Asstt. Prof.-cum-Jr. Scientist (FS&PHT), BAC, Sabour.	
		5	S.N.P/PDM/ Rabi/ 2017-02	Prediction of seed viability through developing seed longevity chart.	Dr.Mukesh Kumar, Asstt. Prof.-cum-Jr. Scientist (SS&T), BAU, Sabour.	
	Social Science	1	S.N.P/SS./ Kharif/ 2017-01	Ex-ante Appraisal of Farmers Information Needs and Networks for Tailoring ICT Tools in the Dynamics of Agricultural Extension Approaches to Improve Decision Making.	Dr. Chandan Kumar Panda, Asstt. Prof.-cum-Jr. Scientist (Extn. Edu.), BAC, Sabour.	
		2	S.N.P/SS./ Kharif/ 2017-02	Construction and analysis of supersaturated designs and their use in Agricultural Research System.	Dr. Basudev Kole, Asstt. Prof.-cum-Jr. Scientist (SMCA), BAC, Sabour.	
		3	S.N.P/SS./ Rabi/ 2017-01	Construction and analysis of super saturated designs and their use in Agricultural Research System.	Dr. Basudev Kole, Asstt. Prof.-cum-Jr. Scientist (SMCA), BAC, Sabour.	

		4	S.N.P/SS./ Rabi/ 2017-02	Adoption behaviour of Soil Health Card Holders in Saharsa district.	Mr. Deepak Kr. Patel, MBAC, Saharsa	
	Animal Husbandry	1	S.N.P/A.H/ Kharif/2017-01	Enrichment of Paneer to improve its acceptability & marketing.	Dr. Sushma Kumari, Asstt. Prof.-cum-Jr. Scientist (LPT), BVC, Patna.	
2018-19	Crop Improvement	1	S.N.P/C.I./Kh/ 2018-01	Evaluation of high yielding varieties in Capsularies Jute with high quality fibre.	Dr. Vinod Kumar Singh, Asstt. Prof. (PBG), JRS, Katihar	
		2	S.N.P/C.I./Kh/ 2018-02	Evaluation of Rice genotypes for their suitability under boro season.	Dr. Jai Prakash Prasad, Asstt. Prof. (PBG), BPSAC, Purnea	
		3	S.N.P/C.I./Kh/ 2018-03	Identification, collection, characterization and evaluation of Mango and Guavas local genotypes of west Bihar.	Dr. Pranava Pandey, Asstt. Prof. (Horticulture - Pomology), VKSCOA, Dumraon, Buxar.	
		4	S.N.P/C.I./Kh/ 2018-04	Survey, Collection and Characterization of available minor fruits of Bihar	Dr. Samik Sen Gupta, Asstt. Prof. (Horticulture-Fruit), BAC, Sabour.	
		5	S.N.P/C.I./Kh/ 2018-05	Suitability of different germplasm of Pineapple (<i>Ananascomosum</i> -M.) in new edaphic condition.	Dr. Devendra Prasad Saha, Asstt. Prof. (Fruits), DKAC, Arrabari, Kishanganj	

		6	S.N.P/C.I./Kh/ 2018-06	Breeding for early and medium maturity rice hybrids.	Dr. Satyendra, Asstt. Prof. (PBG), BAC, Sabour.	
		7	S.N.P/C.I./Kh/ 2018-01	Marker assisted breeding for anaerobic germination in rice (<i>oryza sativa</i> L.)	Dr. Satyendra, Asstt. Prof. (PBG), BAC, Sabour.	
		8	S.N.P/C.I./Kh/ 2018-07	SNP Identification and marker assay development for high-throughput selection in rice.	Dr. Sweta Sinha, Asstt. Prof.- (MBGE), BAC, Sabour.	
		9	S.N.P/C.I./Kh/ 2018-09	Analysis of leaf area development and carbohydrate reserve of drought tolerant rice genotypes.	Dr. Sareeta Nahakpam, Asstt. Prof. (Biochemistry and Crop Physiology), BAC, Sabour.	
		10		Improvement of local onion variety for shape and size through selection.	Dr. Sangeeta Shree, Asstt. Prof. (Veg. & Flor.), BAC, Sabour.	
		11		Identification of water logging stress responsive micro RNAs in Pigeonpea (<i>cajanus cajan</i> L.)	Dr. Dharamsheela Thakur, Asstt. Prof. (MBGE), BAC, Sabour.	
		12		Morphological & molecular characterization of <i>Sesamum indicum</i> L. of Bihar.	Dr. Sima Sinha, Asstt. Prof. (PBG), BAC, Sabour.	
		13		Development and identification of DH lines for spot blotch resistance in spring Wheat (<i>Triticum aestivum</i> L.)	Dr. A.K. Pal, Asstt. Prof. (PBG), BAC, Sabour.	

		14		Marker assisted breeding for different disease resistance alleles in tomato.	Dr. Tirthartha Chattopadhyay, Asstt. Prof. (PBG), BAC, Sabour.	
		15		Collection, conservation, characterization and evaluation of Bakala (<i>Vicia faba</i>) germplasm for green pod, seed yield and development of varieties.	Dr. Anuj Kumar Choudhary, Asstt. Prof. (PBG), BPSAC, Purnea.	
	Natural Resource Management	1	S.N.P/NRM/Kh/2018-01	Identification of suitable short duration varieties and weed management practices of pigeonpea (<i>Cajanus cajan</i> L Millsp.) in Zone IIB of south Bihar.	Dr. Uday Kumar, Asstt. Prof. (Agron.), VKSCOA, Dumraon.	
		2	S.N.P/NRM/Kh/2018-02	Exploring the suitable sowing windows of Rabi maize crop and crop modelling in changing climate scenario of Bihar.	Dr. Sunil Kumar, Asstt. Prof. (Agron.), BAC, Sabour	
		3	S.N.P/NRM/Kh/2018-03	Compatibility and adaptability study of different root stocks in Kinnow mandarin and sweet orange (mosambi) under Zone IIIA region of Bihar	Dr. Kumari Karuna, Asstt. Prof. (Horticulture-Fruit), BAC, Sabour.	
		4	S.N.P/NRM/Kh/2018-04	Standardization of organic module of nutrition for augmenting productivity of Cauliflower-Pea-Onion cropping system.	Dr. Raj Bhawan Verma, Assoc. Prof. (Horti.-Veg.), BAC, Sabour.	
		5	S.N.P/NRM/Kh/2018-05	Determination of safe limit of arsenic in soil and exploration of potential mitigation option.	Dr. Jajati Mandal, Asstt. Prof. (SSAC), BAC, Sabour.	
		6	S.N.P/NRM/Kh/2018-06	Evaluation of N - containing superabsorbent hydrogel in wheat, chickpea, lentil and linseed.	Dr. Nintu Mandal, Asstt. Prof. (SSAC), BAC, Sabour.	

		7	S.N.P/NRM/ Kh/2018-07	Bioremediation of arsenic contaminated soil using bacterial isolate (As17) in Rice.	Dr. Bishun Dev Prasad, Asstt. Prof. (MBGE), BAC, Sabour.	
		8	S.N.P/NRM/ Kh/2018-08	Iron and Zinc biofortification of popularly grown rice and wheat cultivars intensively cultivated in Bihar.	Dr. Bhola Nath Saha, Asstt. Prof. (SSAC), DKAC, Arrabari, Kishanganj	
		9		Potential uses of Parthenium, Bhang and Water hyacinth in Agriculture.	Dr. Sankar Ch. Paul, Asstt. Prof. (SSAC), BAC, Sabour.	
		10		Standardization of efficient propagation method of some minor fruit crops.	Dr. Pawan Kumar, Asstt. Prof. (Fruit), BAC, Sabour.	
		11		Nutrient and weed management in mustard under rice-mustard cropping system.	Dr. Shashank Tyagi, Asstt. Prof. (Agro.), BAC, Sabour.	
		12		Standardization of planting dates for exotic vegetables in zone IIIB of Bihar.	Dr. Sangeeta Kumari, Jr. Scientist (Veg. & Flor.), ARI, Patna	
		13		Development of nutritional module for system based organic farming of vegetable production.	Dr. Uma Kant Singh, Jr. Scientist, RRS, Agwanpur.	
		14		Identification of promising material for controlling algal growth in Makhana field.	Dr. Ruby Saha, Asstt. Prof. (SSAC), BPSAC, Purnea.	

		15		Response of varieties to fertility level and plant spacing on garden pea (<i>Pisum sativum</i> L.) in Koshi area of Bihar.	Dr. Indra Deo Prasad, Assoc. Prof. (Horticulture), BPSAC, Purnea	
	Crop Protection	1	S.N.P/CP/Kh/2018-01	Enhancement of microbial biopesticides shelf-life.	Dr. Md. Arshad Anwar, Asstt. Prof. (Plant Pathology), BAC, Sabour.	
		2	S.N.P/CP/Kh/2018-02	Marker assisted introgression of bacterial blight resistance genes in Rajendra Sweta variety of Rice.	Dr. Amrendra Kumar, Asstt. Prof. (Plant Pathology), BAC, Sabour.	
		3	S.N.P/CP/Kh/2018-03	Identification and evaluation of potential <i>Trichoderma</i> spp. against major soil-borne fungi.	Dr. Erayya, Asstt. Prof. (Plant Pathology), DKAC, Arrabari, Kishanganj	
		4	S.N.P/CP/Kh/2018-04	Management of major foliar diseases of Makhana (<i>Euryale ferox</i>) in Koshi region of Bihar	Dr. Santosh Kumar, Asstt. Prof. (Plant Pathology), MBAC, Agwanpur.	
		5	S.N.P/CP/Kh/2018-05	Promotion of ecofriendly management of yellow stem borer among Katarni rice growers by the application of Trichocards (<i>Trichogramma japonicum</i>)	Dr. Tarak Nath Goswami, Asstt. Prof. (Entomology), BAC, Sabour.	
		6	S.N.P/CP/Kh/2018-06	Incidence of emerging pest of paddy and management of army worm in Koshi Region of Bihar.	Dr. Shyam Babu Sah, Asstt. Prof. (Entomology), BPSAC, Purnea	

		7	S.N.P/CP/ Kh/2018-07	Management of Rhizome weevil of organic banana in Koshi Region of Bihar.	Dr. Shyam Babu Sah, Asstt. Prof. (Entomology), BPSAC, Purnea	
		8	S.N.P/CP/ Kh/2018-08	Biodiversity of Plant Parasitic Nematodes in Koshi Region of Bihar.	Dr. Matcha Udaya Kumar, Asstt. Prof. (Entomology), MBAC, Purnea	
		9		Survey and management of Mango bark eating caterpillar in Koshi region of Bihar.	Dr. Shyam Babu Sah, Asstt. Prof. (Entomology), BPSAC, Purnea	
		10		Influence of climatic factors against web blight disease of black gram in Koshi Zone of Bihar.	Dr. Mithilesh Kumar, Asstt. Prof. (Plant Pathology), BPSAC, Purnea.	
		11		Monitoring of mosaic complexity in onion and garlic and their management.	Dr. A.P. Bhagat, Chief Scientist (Plant Pathology), BAC, Sabour.	
		12		Lentil Stemphylium Blight Disease forecasting system in Bangladesh, India and Nepal: Disease Identification and its Epidemics.	Dr. Abhijeet Ghatak, Asstt. Prof. (Plant Pathology), BAC, Sabour.	
		13		Population Dynamics of Insect Pest and their management in Summer / Boro paddy.	Dr. Paras Nath, Assoc. Prof. (Entomolgy), BPSAC, Purnea.	

		14		Major diseases in Boro / Summer Paddy and their management in Koshi region of Bihar.	Dr. Anupam Kumari, Asstt. Prof. (Plant Pathology), BPSAC, Purnea.	
	Social Science	1	S.N.P/SS/Kh/2018-01	Intervention opportunities in Agriculture and allied areas for the livelihood security of tribal farmers of Bhagalpur district of Bihar.	Dr. A.S. Tigga, Asstt. Prof. (Extension Education), BAC, Sabour.	
		2	S.N.P/SS/Kh/2018-02	Development and Feasibility Assessment of Mobile Based Agri Retailing (MBAR) model for the agricultural input and output in Kishanganj district of Bihar.	Dr. Shoji Lal Bairwa, Asstt. Pror. (Agril. Economics), DKAC, Kishanganj.	
		3	S.N.P/SS/Kh/2018-03	Assessment on student Retention, Attrition and Destination survey of passed out students of Bihar Agricultural University.	Dr. C.K. Panda, Asstt. Prof. (Extension Education), BAC, Sabour.	
		4	S.N.P/SS/Kh/2018-04	Economic opportunity of the technologies developed and transferred by BAU, Sabour	Mr. S.K. Mahidur Rahaman, Asstt. Prof. (Agril. Econ.), BAC, Sabour.	
		5	S.N.P/SS/Kh/2018-05	Post Flood Agro-Economic Behaviour of the Farmers in regularly flooded villages in Purnea district of Bihar.	Dr. Narendra Kumar Sharma, Asstt. Prof. (Extension Education), BPSAC, Purnea.	