

Theme Wise Concluded Research Projects 2024-25

Sl. No.	Project code	Project Title	Name of PI & Co-PI	Start year	Comp Year	Funding agency
Theme 1. Farming System Research including Climate Resilient Agriculture Theme Leader: Head, Division of Crop Research						
1.0 Integrated Farming System and Cropping System for Eastern Region						
1.1	ICAR-RCER/AICRP / IFS/EF / 2010/ 25(i)	Development of location specific Integrated Farming System models for small and marginal farmers of Bihar	Sanjeev Kumar A. Dey Ujjwal Kumar Kamal Sarma Shivani Ajay Kumar R.K.Raman Rachana Dubey A.K. Dubey Kirti Saurabh Kumari Shubha Saurabh Kumar Abhishek Kumar	June 2010	June 2024	AICRP on IFS
1.2	ICAR-RCER/RC Ranchi/ 2019/ 225	Evaluation of Organic and Natural Farming for Eastern Plateau and Hill Region	B.K. Jha S.K. Naik A. K. Jha S.S. Mali J.S. Choudhary	2019	2025	ICAR-RCER
1.3		Optimization of Integrated Farming System model design	Manibhushan A Upadhyaya Sanjeev Kumar Akram Ahmed	2023	2026	ICAR-RCER
1.4		FLD on Mustard	Sanjeev Kumar Rakesh Kumar Shivani Dhiraj Kr. Singh A. K. Dubey Abhishek Kumar	Oct. 2023	2024	DRMR, Bharatpur
2.0 Resource Conservation Technology						
2.1	ICAR-RCER/DCR/EF/ 2016/	Cereal Systems Initiative for South Asia (CSISA) Phase IV	Team leader- Anup Das PI- Rakesh Kumar Rachana Dubey Ghous Ali Saurabh Kumar J.S.Choudhary	2016	Dec. 2021 Extd. March 2025	CIMMYT

			Kirti Saurabh			
2.2		Characterization and appraisal of soil microbiome under conservation agriculture	Sonaka Ghosh	July 2024	June 2025	ICAR-RCER
3.0 Climate Resilient Agriculture						
3.1	ICAR-RCER/ DSEE/ EF/ 2019/	Climate Resilient Agriculture Programme	Project Leader - Anup Das PI- Abhay Kumar Ujjwal Kumar Md. Monobrullah P.K. Sundaram Rakesh Kumar Dhiraj Kr Singh Santosh Kumar Rachana Dubey R.K. Raman A Mukherjee Manisha Tamta Saurabh Kumar Kirti Saurabh Ramkewal Banda Sainath Sarfaraj Ahmad	Nov. 2019	Mar. 2025	Govt. of Bihar
3.2	ICAR-RCER/ 2021/ PME/ 250	Weed seed bank dynamics, resource-use efficiency and greenhouse gas footprint under diverse tillage production systems in Eastern Indo-Gangetic Plains	Sonaka Ghosh Rakesh Kumar Rachana Dubey R. K. Raman Saurabh Kumar Ved Prakash Kirti Saurabh	July 2021	June 2024 Extd. Dec. 2024	ICAR-RCER
Theme- 2. Genetic Resource Management and Improved Production Technologies Theme Leader: Head, FSRCHPR, Ranchi						
4.1.1	ICAR-RCER/	Improvement of French bean	Meenu Kumari R.S. Pan	July 2021	June 2025	ICAR-RCER

	RC Ranchi / 2021/ 274	for disease resistance	A. K. Jha J.S. Chaudhary			
5.0	Production Technologies					
5.1	ICAR-RCER/DCR/2020/236	Standardization of agro-techniques in nutri-cereals for enhancing the productivity in eastern Indo-Gangetic plains	Rakesh Kumar N. Bhakta	July 2020	Dec. 2025	ICAR-RCER
5.2	ICAR-RCER/DCR/2021/257	Sustainable fodder production system under different nitrogen and zinc management practices in eastern India	Ghous Ali Sanjeev Kumar A. Dey Saurabh Kumar	2021	2024 Extd June 2025	ICAR-RCER
5.3	-	Promotion of Commercial Custard Apple Cultivation in Jharkhand	M K Dhakar Meenu Kumari	April, 2022	March, 2025	MIDH
5.4	ICAR-RCER/RC Ranchi / 2022/ 277	Development of technology for post-harvest management and value addition of jackfruit in Eastern region	Prerna Nath M.K. Dhakar Ajit K Jha S. J. Kale (ICAR-NISA, Ranchi)	Jan, 2022	Dec, 2024 Extd. 2025	ICAR-RCER
5.5		Nutritional Profiling of Low-BOAA Grass Pea (<i>Lathyrus sativus</i> L.) Germplasm for Green Leafy Vegetables in rice –fallow System	Kumari Shubha	July 2024	June 2025	ICAR-RCER

6.0	Protection Technologies					
6.1	ICAR-RCER/RC Ranchi / 2021/ 276	Morphological and molecular characterization of bottle gourd wilt complex	Ajit Kumar Jha J.S. Chaudhary P. Bhavana Meenu Kumari Awani K. Singh	July 2021	June 2025	ICAR-RCER
Theme- 3. Natural Resource Management for Enhancing Land & Water Productivity Theme Leader: Head, Division of Land and Water Management						
7.0 Land & Water Management						
7.1	-	Umbrella project on floodplains of E. India				
7.1.1	ICAR-RCER/DSEE/ 2020/ 242	Resource inventorization of floodplain wetlands in eastern India	R. K. Raman Jyoti Kumar Dhiraj Kr Singh V Bharti	July 2020	June 2024 Extd. June 2025	ICAR-RCER
7.1.2	ICAR-RCER/DLW M/ 2020/ 251	Mapping of flood in eastern India and its management strategies	Akram Ahmed Shivani	July 2020	June 2024 Extd. Dec. 2024	ICAR-RCER
7.1.3	ICAR-RCER/DLW M/ 2021/ 267	Resource assessment and management framework for sustainable fisheries in selected wetland	V. Bharti T. Kumar R.K. Raman S.K. Ahirwal	2021	2024 Extd. 2025	
7.2	ICAR-RCER/DCR/ 2021/ 266	Assessment of bacterial diversity and characterization of PGPR in arsenic contaminated soil	Saurabh Kumar Kirti Saurabh Rachana Dubey S.K. Naik (Associate)	Jan. 2021	Dec. 2024	ICAR-RCER
7.3	--	Determining optimum decision variables in furrow irrigated system	Ajay Kumar A. Upadhyaya Sanjeev Kumar Pawan Jeet Kirti Saurabh	2022	2025	ICAR-RCER

7.4		Simulation of soil water dynamics in rice-wheat-moong bean cropping system	A. Upadhyaya Pawan Jeet Kirti Saurabh	2022	2026	ICAR-RCER
7.5		Water budgeting in various rice establishment techniques	M. Debnath Ajay Kumar Arti Kumari Rakesh Kumar (Associate)	2023	2026	ICAR-RCER
Theme-4. Livestock and Fisheries Management						
Theme Leader: Head, Division of Livestock and Fisheries Management						
8.1	ICAR-RCER/ DLFM/ 2020/24 3	Assessment of antimicrobial drug resistance in bacteria of animal origin	Jyoti Kumar Shanker Dayal P.K. Ray	July 2020	June 2025	ICAR-RCER
8.2	ICAR-RCER/ DLFM / 2021/ 268	Exploring genetic basis of Mastitis resistance in livestock	Shanker Dayal Rajni Kumari Jyoti Kumar P.C.Chandran M.K. Tripathi Rakesh Kumar	2021	2025	ICAR-RCER
Theme- 5. Socio-Economics, Extension and Policy Research						
Theme Leader: Head, Division of Socio-Economics and Extension						
10.1	ICAR-RCER/ DSEE/ 2019/ 230	Status of utilization of digital tools in agriculture sector in Eastern India	Ujjwal Kumar Dhiraj K. Singh R.K. Raman T.K. Koley PC, KVK Buxar Indrajeet, SMS, KVK Ramgarh	Oct. 2019	Sep. 2024	ICAR-RCER
10.2	ICAR-RCER/ DSEE/ 2021/ 246	Model based inference on agricultural crops for food security in Eastern India	R.K. Raman Abhay Kumar Ujjwal Kumar Akram Ahmed	2021	2024	ICAR-RCER