

ICAR-CENTRAL AVIAN RESEARCH INSTITUTE, IZATNAGAR - 243 122

APPROVED ON-GOING RESEARCH PROJECTS 2025-26

Total Institute Projects - 13 Institute + 04 Service + 05 Externally + 01 AICRP + 01 CRP (Total 24 Projects)

<i>Sl.</i>	<i>Project Code No.</i>	<i>Project Title</i>	<i>Principal Investigator</i>	<i>Co-Investigator</i>
PROGRAMME-1: PRODUCTIVITY ENHANCEMENT OF SELECTED POULTRY SPECIES (7)				
<i>Sub Programme - (i) Enhancement of productivity, reproductive efficiency and immune-competence of selected diversified poultry species along with development of improved package of practices. (6)</i>				
1.	P-1/2020/1-IAV/L10/6600 DOS: 28.10.2020 DOC: 13.05.2027	Genetic improvement of turkey for higher body weight and feed efficiency	Dr. Simmi Tomar	Dr Raj Narayan Dr Chandra Deo
2.	P-1/2023/1-IAV/L30/6000 DOS:13.10.2023 DOC:12.10.2026	Non-antibiotic approaches to enhance host immunity, gut health and growth performance in poultry.	Dr.(Mrs) Divya	Dr. Chandra Deo Dr. Mohd. Matin Ansari Dr Gautham Kolluri
3.	No.CAU/COVSc-JLK/ICAR-NEH-COMP/2023-24/1111 dated 28.02.2024 DOS:04.03.2024 DOC:31.03.2028	Evaluation of CARL improved germplasm in NEH region and its popularization under the aegis of ICAR-NEH scheme	Dr. Mohd. Matin Ansari	Dr Gautham Kolluri Dr Rokade JJ Dr Imtiwati Dr Bhabesh Mili
4.	<i>Service project</i>	Quality assessment of feed stuffs and poultry feed	Dr. Chandra Deo	--
5.	<i>Service Project</i>	Monitoring of poultry diseases and implementation of bio-security measures including vaccination for achieving better survivability and productivity in CARL birds.	Dr.Gautham Kolluri	--
6.	<i>Service Project</i>	Production of DOCs of diversified poultry germplasm	Dr Jagbir Singh Tyagi	--
<i>Sub Programme - (ii) Development of package of practices for rural poultry production system (1)</i>				
1.	P-1/2025/1-IAV/L50/6100 DOS: 01.06.2025 DOC: 31.05.2028	Development of stabilized coloured dual purpose improved chicken variety for rural poultry	Dr Jagbir Singh Tyagi	Dr Raj Narayan Dr Sandeep Saran Dr Gautham Kolluri

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				Dr Md. Matin Ansari Dr Jaydip Rokade
PROGRAMME 2: CLIMATE RESILIENT POULTRY PRODUCTION SYSTEM AND WASTE MANAGEMENT (2) <i>Sub Programme - Impact assessment, adaptation evaluation and amelioration strategies to combat extremes of climate through genetic / molecular, nutritional, physiological, shelter management and evolving efficient technologies for utilization of poultry waste.(2)</i>				
1.	P-1/2023/1-IAV/L50/6510 DOS:01.08.2023 DOC:31.07.2026	Effect of thermal conditioning of Japanese quail embryo on epigenetic changes induced postnatal thermo-tolerance.	Dr Mohd. Matin Ansari	Dr Jagbir Singh Tyagi Dr Gautham Kolluri Dr Rokade J. J.
2.	P-1/2024/1-IAV/L50/6100 DOS:01.07.2024 DOC:30.06.2027 (Inter-Institutional Collaborative Project with NBAGR, Karnal)	Identification of physiological and molecular signatures responsible for thermal resilience in chicken of different genetic backgrounds under changing climate scenario.	Dr Gautham Kolluri	Dr Jagbir Singh Tyagi Dr. Mohd. Matin Ansari Dr Rokade J. J. Dr G.V.P.P.S. Ravi Kumar
PROGRAMME 3: VALUE ADDITION, FOOD SAFETY, QUALITY ASSURANCE AND PRODUCT DEVELOPMENT (3) <i>Sub Programme - Development of value added poultry feed and poultry products with functional attributes and quality assurance including product development.(3)</i>				
1.	P-1/2023/1-IAV/L36/6100 DOS:01.09.2023 DOC:30.08.2026	Development of feeding package for CARINIRBHEEK and CARISHYAMA improved native chickens for optimum meat and eggs production	Dr Chandra Deo	Dr. Divya Dr. Jaydip J. Rokade
2.	P-1/2025/1-IAV/L00/3910/6000 DOS: 01.09.2025 DOC: 31.08.2028	A one health approach to assess heavy metal and antibiotic residues in poultry production systems	Dr Geeta	Dr Jaydip Rokade Dr T.U. Singh Dr M. Suman Kumar
3.	Service project	Development of different value added poultry products for income generation	Dr Jaydip Rokade	Dr Geeta (w.e.f. 10.10.2025)
PROGRAMME 4: HRD, MARKET INTELLIGENCE AND TECHNOLOGY DISSEMINATION (5) <i>Sub Programme - (i) Market intelligence, contingency planning and economic implications of emerging issues in poultry value chain.(3)</i>				
1.	P-1/2022/1-IAV/C00/6000 DOS: 28.07.2022 DOC: 27.07.2026	Development of training modules and digital applications for transfer of poultry production technologies	Dr. M. P. Sagar	--

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	(Including one year extension as per IRC held on 8-9 May, 2025)			
2.	P-1/2023/1-IAV/L00/6100 DOS:01.08.2023 DOC:31.07.2026	Innovative strategies to reduce post-harvest losses to achieve better welfare of chicken	Dr. Rokade, J.J.	Dr A K Tiwari (till 30.09.2025) Dr Gautham Kolluri Dr Akhilesh Dr. Mohd. Matin Ansari
3.	P-1/2024/1-IAV/E10/6000 DOS: 15.12.2024 DOC: 31.07.2027	Assessing economic impact of selected CARI technologies and services	Dr Sandeep Saran	Dr Jagbir Singh Tyagi Dr Divya
Sub Programme - (ii) Skill development, capacity building for different stakeholders and transfer of technology. (2)				
1.	P-1/2024/1-IAV/E30/6000 DOS: 01.07.2024 DOC: 30.06.2028 DAPSC Project	Entrepreneurship opportunities and skill development for self-sustainable livelihood and nutritional security for socially privileged groups (Scheduled Caste)-II	Dr. Jagbir Singh Tyagi	Dr. Sandeep Saran Dr. Gautham kolluri Dr. Rokade J.J. Dr.(Mrs) Divya Dr. Mohd. Matin Ansari
2.	P-1/2024/1-IAV/E00/6000 DOS: 01.04.2024 DOC: 31.03.2029 DAPST Project	Socio-economic empowerment of tribal through intervention of poultry and other technologies	Dr.(Mrs) Divya	Dr. Sandeep Saran Dr Chandra Deo Dr Jagbir Singh Tyagi Dr Raj Narayan Dr M P Sagar Dr Monika M. Dr Shilpi Kerketta

EXTERNALLY FUNDED PROJECTS - (6)

Sl.	Sanction order No.	Title of the project	Name of PI	Name of Co-PI
1.	No.IP&TM-7(5)/2013-IPR dated 1.1.2016 (ABI Project); extended vide F.No.1(1)/2023-PIM dated 29.03.2023 Extended vide F.No. 01(01)/2026-PIM dated	Poultry Entrepreneurship Development Initiative - The Agri Business Incubator	Dr Sandeep Saran	Dr. Jagbir Singh Tyagi Dr J.J. Rokade

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	25.03.2026 DOS : 01.01.2016 DOC: 30.09.2026			
2.	F.No. IP&TM-7(1)/2017-IPR dated 02.01.2018 extended vide F.No.1(1)/2023-PIM dated 29.03.2023 Extended vide F.No. 01(01)/2026-PIM dated 25.03.2026 DOS: 02.01.2018 DOC: 30.09.2026	Institute technology Management Project- National Agriculture Innovation Fund (NAIF)- Component-1	Dr Sandeep Saran	Dr Jagbir Singh Tyagi Dr Jaydip Rokade
3.	No.A.Extn.-20-3/2011-AE.I dated 28.10.16 DOS : 28.10.2016 DOC:30.09.2026 (extended vide F.No.1(1)/2023- PIM dated 29.03.2023)	Enhancing livelihood security of farming community through livestock and crop integration using proven technologies	Dr. Jagbir Singh (CCPI)	--
4.	Ref: email dated 8.12.2022 from Dr H. Rehman, Regional Representative for South Asia, ILRI, Pusa, New Delhi-12 No.CARI/2023/ILRI Project DOS: 01.01.2023 DOC: 31.12.2026	Pan-genome analysis and identification of selection signatures for conservation of Red Jungle fowl	Dr Simmi Tomar (CCPI)	Dr A. K. Tiwari (till 30.09.2025) Dr J. J. Rokade
5.	F.No.R-300121 I 12022-DADF- Dept-Part (I) (E- 22977) dated 17 Jan 2024 (NLM Project) DOS: 19.01.2024 DOC: 18.01.2027	Development of True Breeding Improved Native Chicken with Higher Productivity for Backyard Poultry Production	Dr Jaydip Rokade	Dr Raj Narayan Dr Gautham Kolluri Dr Mohd Matin Ansari Dr Chandrahas
6.	Component - AICRP-PB,	Improving the broiler parent lines and to	Dr Simmi Tomar	Dr Jaydip Rokade

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	Hyderabad (w.e.f. 21.07.2018)	develop the meat type crosses for rural poultry production		
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CONTRACT RESEARCH PROJECTS - (1)

Sl.	Sponsoring Agencies / Date of Start and Completion	Title of the project	Name of PI	Name of Co-PI
1.	M/s Envu India Pvt. Ltd., Mumbai DOS: 03.02.2025 DOC: 03.08.2026	Evaluating the efficacy of diverse range of chemicals in mitigating house fly and bed bug infestation under commercial layer settings.	Dr Gautham Kolluri	Dr Mohd Matin Ansari Dr Jagbir Singh Tyagi Dr Sandeep Saran Dr Jaydip Rokade