

Completed Projects List FY 2024-25

SN	Project Number	Project Name	PI/NS	Project Team	Funding Agency	Start Date	Completion Date	Project Cost (Lakh)	Participating Labs
1	GAP 3491	Deciphering limb regeneration potential in ladybird beetles	Praveen Chandra Verma	PI: PC Verma	SERB, New Delhi	30-Dec-20	29-Apr-24	28.20	Lucknow University, Lucknow, CSIR-NBRI, Lucknow
2	GAP 3494	Deciphering the role of <i>Paenibacillus lentimorbis</i> NRRL B-30488 in controlling the early blight in Tomato caused by <i>Alternaria solani</i> by using metabolomics approach.	Garima Gupta	PI: Garima Gupta; Mentor: PS Chauhan	SERB, New Delhi	01-Jan-21	30-Apr-24	5.72	No institution other than CSIR-NBRI associated in this project.
3	GAP 3459	Unravelling the missing links of light signalling for the divergent plant responses to vegetation proximity	Manish Tiwari	PI: Manish Tewari; PC: SK Bag, SK Barik	DBT, New Delhi	01-Jan-19	01-Jul-24	66.67	No institution other than CSIR-NBRI associated in this project.
4	MLP 0056	Preparation of certified reference material of important phytomolecules	Manjoosha Srivastava	PI: Manjoosha Srivastava; Co-PIs: Mahesh Pal, Subha Rastogi, Anil Kumar,	CSIR, New Delhi	18-Aug-22	31-Jul-24	64.49	No institution other than CSIR-NBRI associated in this project.


			Abhishek Niranjani, Babita Kumari						
5	MLP 0057	Optimization of Beta 1.3 glucan production using heterotrophic microalga	Sachitra Kumar Ratha	PI: Sachitra Kumar Ratha; Co-PIs: Manish S. Bhoyar, CS Mohanty, PS Chauhan; TM: Kiran Toppo	CSIR, New Delhi	18-Aug-22	31-Jul-24	80.78	No institution other than CSIR- NBRI associated in this project.
6	GAP 3498	Seasonal impact on the phytoconstituents of <i>Moringa oleifera</i> Lam. and their shelf-life study	Madan Mohan Pandey	PI: MM Pandey; Co-PI: Subha Rastogi	UPCST, Lucknow	18-Aug-21	17-Aug-24	10.76	No institution other than CSIR- NBRI associated in this project.
7	GAP 3496	Development of cost effective and iron fortified herbal supplement for dysmenorrheal (menstrual disorder)	Ankita Mishra	PI: Ankita Mishra; Mentor: Sharad Srivastava	DST, New Delhi	08-Apr-21	07-Sep-24	29.07	No institution other than CSIR- NBRI associated in this project.
8	GAP 3500	Development of rapid and cost effective 'on-farm' diagnostics for plant viruses	Yogita Maheshwari	PI: Yogita Maheshwari; Mentor: PS Chauhan	DST, New Delhi	01-Sep-21	07-Oct-24	106.79	No institution other than CSIR- NBRI associated in this project.
9	GAP 3499	Elevated CO2 induced small RNA directed DNA methylation regulation and miRNA expression in low and high-altitude populations of	Sribash Roy	PI: Sribash Roy; Co-PI: Vivek Pandey, SK Bag	SERB, New Delhi	18-Oct-21	17-Oct-24	23.26	No institution other than CSIR- NBRI associated in this project.

		Arabidopsis thaliana for adaptive advantages							
10	GAP 3488	Threat assessment of traded forest flora of Madhya Pradesh	Vijay Vishnu Wagh	PI: VV Wagh; PC: SK Barik; Co-PIs: SK Tewari, TS Rana, KN Nair, LB Chaudhary, Baleshwar, Soumit Kumar Behera, Devendra Singh, Priyanka Agnihotri, Sandip Kumar Behera, Dibyendu Adhikari	Madhya Pradesh State Biodiversity Board, Bhopal	09-Dec-20	08-Dec-24	20.73	No institution other than CSIR-NBRI associated in this project.
11	GAP 3476	Ex-situ conservation studies of the Cycas species in India at CSIR-NBRI Botanic Garden	Khuraijam Jibankumar Singh	PI: KJ Singh, SK Tewari; Co-PIs: KJ Singh, Shankar Verma	MoEF&CC, New Delhi	18-Jan-20	17-Jan-25	41.01	No institution other than CSIR-NBRI associated in this project.
12	GAP 3505	Taxonomy and ecology of lichenicolous fungi in Eastern Himalaya	Sanjeeva Nayaka	PI: Sanjeeva Nayaka; Co-PI: Gaurav Kumar Mishra	SERB, New Delhi	21-Feb-22	20-Feb-25	12.10	No institution other than CSIR-NBRI associated in this project.
13	GAP 3506	Systematic studies of the tribe Boehmerieae Gaud. (Utricaceae) in India	Vijay Vishnu Wagh	PI: VV Wagh	SERB, New Delhi	21-Feb-22	20-Feb-25	18.56	No institution other than CSIR-NBRI associated in this project.
14	GAP 3478	Leveraging genetic resources for accelerated genetic	Hemant Kumar Yadav	PI: HK Yadav; Co-PIs: SV Sawant, SK Bag	DBT, New Delhi	29-Feb-20	28-Feb-25	174.24	NBPGR, New Delhi (Lead Institute);

		improvement of linseed using comprehensive genomics and phenotyping approaches: Sub Project 2, Component-1: "Development of reference genome and core set using molecular markers"						CSAU&T, Kanpur; IGKV, Raipur; JNKVV-Regional Agri. Res. St., Sagar; NBRI, Lucknow; AU, Noida; IARI, New Delhi; PDKV, Nagpur; BUA&T, Mauranipur; RLBCAU, Jhansi; CSSRI, Karnal; CSHAU, Hisar	
15	GAP 3507	Assessment of Pteridophytic diversity in Kotgarh Wildlife Sanctuary, Odisha	Sandip Kumar Behera	PI: Sandip Kumar Behera	SERB, New Delhi	05-Mar-22	04-Mar-25	19.28	No institution other than CSIR-NBRI associated in this project.
16	GAP 3503	Unravelling the induced defence response in the neighbouring crops as a consequence of over-expressed methanol	Praveen Chandra Verma	PI: PC Verma; Co-PI: SK Bag	SERB, New Delhi	27-Dec-21	26-Mar-25	20.30	No institution other than CSIR-NBRI associated in this project.
17	NWP 0100 Phase II	CSIR Integrated Skill Initiative Phase II	Manish Bhoyar	NS: Manish Bhoyar), SK Tewari PC: SK Barik; Team Members: SK Tewari, SV Sawant, VA Sane, ChV Rao, Sharad Srivastava, Sanjeeva	CSIR, New Delhi	16-Oct-20	31-Mar-25	69.15	CSIR-HRDC (Nodal Lab), CCMB, CDRI, CFTRI, CIMAP, IGIB, IHBT, IICB, IIIM, IMTECH,

			Nayaka, Sanjeev Ojha, Vivek Srivastava, PS Chauhan, Debasis Chakrabarty, CS Mohanty, MH Asif, Suchi Srivastava, Sumit Bag, Manjoosha Srivastava, Aradhana Mishra, Poonam C Singh, SK Rath, BN Singh, Devendra Singh, Lal Bahadur, VV Wagh, KU Singh, KM Prabhukumar, Sandip Behera, DK Purshottam, Daya Shankar, Abhishek Niranjan, Vinay Sahu, Swati Sharma, Shweta Singh, Bharat Lal Meena, Shashank Mishra, Prasad MG, Alok Lehri, Vivek Pandey, Arvind Jain, RC Nainwal, Bikarma Singh, Shankar Verma, SK Sharma					IITR, NBRI, CLRI, CECRI, CSMCRI, CIMFR, IICT, IIP, NCL, NEIST, NIIST, AMPRI, CBRI, CGCRI, CMERI, CRRI, IMMT, NAL, NML, NEERI, SERC, NISCAIR, 4PI, CSIO, CEERI, NGRI, NIO, NPL	
18	HCP 0023 Phase II	Next Generation Insect Resistance in Cotton: Development of next-generation transgenic cotton for broad spectrum	Pradhyumna Kumar Singh	PI: PK Singh; Co-PIs: SV Sawant, AP Singh, Manoj Kumar	CSIR, New Delhi	10-Dec-20	31-Mar-25	1036.20	CSIR-NBRI (Nodal Lab), CSIR-CMERI, CSIR-IICT, ICAR-

		resistance to field pests for yield protection (2nd Phase)							CICR, ICAR-IIVR, ICAR-CISH, PAU
19	GAP 2239	Establishment of a DUS Test Centre at CSIR-NBRI, Lucknow for Bougainvillea, Canna and Gladiolus crops.	Khuraijam Jibankumar Singh, Daya Shankar and Girdhari Sharma	PI: KJ Singh, Girdhari Sharma, Daya Shankar, SK Tewari, Bikarna Singh, RS Katiyar, AK Goel, Sudarshan Kumar, R.K. Roy; Co-PI: Satish Kumar, Shankar Verma, Rajeev Verma, SK Sharma, MG Prasad, Shweta Singh	PPV&FRA, Min. Agriculture, Govt. of India	01-Feb-12	31-Mar-25	58.14	No institution other than CSIR-NBRI is participating in this project.
20	GAP 3495	Application of selenium for reducing arsenic level in rice (<i>Oryza sativa</i> L.) during arsenic stress	Rudra Dev Tripathi	PI: RD Tripathi; PC: Pankaj Kumar Srivastava, SK Barik	The National Academy of Sciences (NASI), Prayagraj	04-Jan-21	31-Mar-25	28.83	No institution other than CSIR-NBRI is participating in this project.
21	GAP 3486	National coordination of scheme of Young Scientists and Technologies (SVST)	Sharad Kumar Srivastava	PI: Sharad Kumar Srivastava; PC: SK Barik	DST, New Delhi	12-Nov-20	31-Mar-25	369.67	No institution other than CSIR-NBRI is participating in this project.


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