

List of Projects Completed during F.Y. 2022-23

S.N.	Project Number	Project title	Funding Agency	Project Duration
1	CNP 3048	Preparation of Biodiversity Management Plan for Nongtra Limestone Mine of Lafarge Umiam Mining Pvt. Ltd. in Meghalaya	Holtec Consulting Private Limited (HPCL), Gurgaon, Haryana	14-Jul-2022 to 13-Oct-2022
2	GAP 2239	Establishment of a DUS Test Centre at CSIR-NBRI, Lucknow for Bougainvillea, Canna and Gladiolus crops.	PPV&FRA, Min. Agr.	01-Feb-2012 to 31-Mar-2023
3	GAP 3444	Bioaccumulation and bio-magnification study on flora and fauna of surrounding the ash filled South Balanda Mine Void	NTPC Ltd., Talcher Thermal Power Station, Angul, Odisha	20-Jan-2018 to 30-Sep-2022
4	GAP 3447	Molecular physiology of carbon and nitrogen metabolism under water stress in guar leaf (<i>Cyamopsis tetragonoloba</i>)	DST, New Delhi	13-Jul-2018 to 12-Jul-2022
5	GAP 3452	Evolutionary significance of a miRNA and its role in shaping leaf morphology and bio-mass enhancement of <i>Arabidopsis thaliana</i> of West Himalaya	DBT, New Delhi	04-Sep-2018 to 03-Sep-2022
6	GAP 3458	CRISPR-mediated genome editing of plant for functional validation and biogenesis; Sub-project 1: CRISPR-mediated genome editing for functional characterization of plant miRNAs; Sub project 2: Editing of lower stem sequence of a pre-miRNA may suppress its biogenesis from pri-miRNA: A case study of pri-miRNA processing for crop improvement	DBT, New Delhi	28-Nov-2018 to 27-Nov-2022
7	GAP 3464	Characterizing Patterns and Processes of Alpine Ecosystem in Indian Himalaya with Special Emphasis to Cryptogams	Space Application Centre, ISRO, Ahmedabad	22-Feb-2019 to 21-Feb-2023
8	GAP 3465	Taxonomy and Phylogeny of the genus <i>Juniperus</i> L. (Cupressaceae) in India	SERB, New Delhi	01-Jun-2019 to 28-Feb-2023
9	GAP 3466	Biogeography, phylogenetic studies and development of e-monograph for the Arthoniales (lichenized fungi) in India	DST, New Delhi	01-May-2019 to 22-Jun-2022

10	GAP 3468	Farm based S&T interventions for socio-economic development in the aspirational district of Nabarangpur, Odisha	Agriculture and Farmers' Empowerment Department, Govt. of Odisha through CSIR-IMMT, Bhubaneshwar	12-Sep-2019 to 31-Mar-2023
11	GAP 3470	Development of Rice-Grain Arsenic Removal Technique/Method for Rural Population of Arsenic Affected Areas	DST, New Delhi	27-Nov-2019 to 26-Nov-2022
12	GAP 3471	Monographic and phylogenetic studies in the genus <i>Saxifraga</i> L. (<i>Saxifragaceae</i>) from India	SERB, New Delhi	01-Nov-2019 to 31-Oct-2022
13	GAP 3473	Deciphering the role of nitric oxide in root development and zinc availability in rice plants	SERB, New Delhi	01-Nov-2019 to 28-Feb-2023
14	GAP 3474	Understanding transcriptional regulation of withanolide biosynthesis in <i>Withania somnifera</i>	SERB, New Delhi	08-Jan-2020 to 07-Jul-2022
15	GAP 3477	Taxonomy and Phylogeny of the genus <i>Uria</i> Desv., (<i>Leguminosae</i>) in India	SERB, New Delhi	10-Feb-2020 to 09-Feb-2023
16	GAP 3479	Assessment of conservation status and phylogeny of Endemic hornworts (<i>Anthocerotophyta</i>) in India	SERB, New Delhi	18-Feb-2020 to 17-Feb-2023
17	HCP 0007	CSIR Aroma Mission-IIInd Phase: Catalyzing rural empowerment through cultivation processing, value addition and marketing of aromatic plants	CSIR	30-Dec-2020 to 31-Mar-2023
18	HCP 0037	CSIR Floriculture Mission	CSIR	18-Jan-2021 to 31-Mar-2023
19	HCP 0101	Pilot Implementation of "CSIR-Virtual Laboratory (for school student)	CSIR	02-Dec-2020 to 31-Mar-2023
20	MLP 0006	Small RNAs and associated factors for enhanced post-harvest life (sRNA-Life) - Phase II	CSIR	28-Jan-2021 to 31-Mar-2023
21	MLP 0007	Genome editing for crop improvement (GE Crop)	CSIR	28-Jan-2021 to 31-Mar-2023
22	MLP 0027	Characterization and value addition of plant-based resins, gums and waxes (Phase II)	CSIR	28-Jan-2021 to 31-Mar-2023
23	MLP 0029	Pathway elucidation and identification of genes involved in guggulsterones biosynthesis in <i>Commiphora</i> spp. (Phase II)	CSIR	28-Jan-2021 to 31-Mar-2023

Signature

24	MLP 0030	Sub-genome dominance in endoreduplication and its implication in heterotic benefits to F1-hybrids for biomass and their adaptation (Phase II)	CSIR	28-Jan-2021 to 31-Mar-2023
25	MLP 0033	A novel herbal product for <i>Vulvovaginal candidiasis</i>	CSIR	15-Jul-2020 to 30-Sep-2022
26	MLP 0035	Unravelling molecular details of drought tolerance in cotton	CSIR	28-Jan-2021 to 31-Mar-2023
27	MLP 0036	Epigenetic modifications in <i>Rhizoctonia solani</i> during interaction with <i>Bacillus amyloliquefaciens</i> and its implication for biotic stress management in rice	CSIR	28-Jan-2021 to 31-Mar-2023
28	MLP 0037	Regulation of pectin methylesterase inhibitor for enhancing plant-generated methanol for broad spectrum insect resistance	CSIR	28-Jan-2021 to 31-Mar-2023
29	MLP 0038	Deciphering the role of sRNA during synergistic interaction between two <i>Trichoderma</i> spp.	CSIR	28-Jan-2021 to 31-Mar-2023
30	MLP 0039	Fe and Zn bio-fortification in rice through integrated microbial and soil nitrogen management in crop field	CSIR	28-Jan-2021 to 31-Mar-2023
31	MLP 0040	Arsenic (As) risk assessment in vegetable crops in arsenic affected areas and mitigation through microbial consortia containing AsMT activity	CSIR	28-Jan-2021 to 31-Mar-2023
32	MLP 0041	Conservation of threatened plant species of India	CSIR	28-Jan-2021 to 31-Mar-2023
33	MLP 0042	Plant resource mapping of Chambal Ravines	CSIR	28-Jan-2021 to 31-Mar-2023
34	MLP 0043	Leveraging genetic resources for accelerated genetic improvement of grain amaranth using genomics and phenotyping approaches	CSIR	28-Jan-2021 to 31-Mar-2023
35	MLP 0044	To identify the potential Aloe species for cultivation in salt affected soils	CSIR	28-Jan-2021 to 31-Mar-2023
36	MLP 0045	Conservation, Agronomics, Metabolomics and genomics of Indian Lotus (KAMAL)	CSIR	28-Jan-2021 to 31-Mar-2023

VK

Supa

37	MLP 0046	Targeted metabolite genetics in two underutilized narcotic crops (Cannabis and Opium poppy) for Cannabinoids and Oripavine improvement	CSIR	28-Jan-2021 to 31-Mar-2023
38	MLP 0047	Characterization of Boll-Weight (BW) QTL Hotspots for cotton yield improvement	CSIR	28-Jan-2021 to 31-Mar-2023
39	MLP 0048	Deciphering the mechanism(s) of host endophytes coevolution enhanced secondary metabolite production and crop productivity	CSIR	28-Jan-2021 to 31-Mar-2023
40	MLP 0049	Bio-stimulants for stress amelioration, enhanced plant productivity and soil health	CSIR	28-Jan-2021 to 31-Mar-2023
41	MLP 0168	Understanding food energy water nexus in dynamics of critical zone WRJ-1 critical zone observatory	CSIR	17-Jan-2022 to 31-Mar-2023
42	MLP 0208	Synthesis of zeolites from flyash for agriculture applications	CSIR	28-Jan-2021 to 31-Mar-2023
43	OLP 0099	Plant conservation, botanical garden, plant houses and development of new varieties of ornamental and floricultural crops	CSIR-NBRI	01-Apr-2017 to 31-Mar-2023
44	OLP 0100	Socio-economic development through enhancing production of agricultural systems, skill development and outreach programmes	CSIR-NBRI	01-Apr-2017 to 31-Mar-2023
45	OLP 0101	Bio-resource inventory, systematics and conservation of diverse plant groups	CSIR-NBRI	01-Apr-2017 to 31-Mar-2023
46	OLP 0106	Herbal product development for industrial application	CSIR-NBRI	01-Apr-2017 to 31-Mar-2023
47	OLP 0108	Response of plant species to climate change and screening pollution ameliorating plants	CSIR-NBRI	07-Aug-2020 to 31-Mar-2023
48	OLP 0109	Endophytes and biostimulants for enhancing crop production	CSIR-NBRI	07-Aug-2020 to 31-Mar-2023
49	OLP 0110	Mapping of arsenic pollution & mitigation of arsenic contamination to crops using bioremediation.	CSIR-NBRI	07-Aug-2020 to 31-Mar-2023
50	OLP 0111	Microbial enzymes for environment and agriculture	CSIR-NBRI	07-Aug-2020 to 31-Mar-2023

Handwritten signatures and initials.

51	OLP 0112	Enhancing cotton yield through GM and non-GM approaches	CSIR-NBRI	07-Aug-2020 to 31-Mar-2023
52	OLP 0113	Genetic improvement of Hemp (Cannabis sativa L.) for industrial and medicinal purposes through the intervention of conventional and molecular breeding	CSIR-NBRI	07-Aug-2020 to 31-Mar-2023

Vh

Styler

