

Details of completed schemes/projects/programm in the FY 2021-22

S.N.	Funded by	Project No.	Title	PI Name	Sanction Date	Amount (Rs. In Lakh)	End Date
1	NMPB	GAP-356	Conservation and genetic improvement of Prishnparni (<i>Uraria picta</i>)- a critically endangered Dashmool drug	Dr. Birendra Kumar	15.12.2016	27.954	14.12.2019 Ext upto 30.03.2021 Extn upto 31.10.2021
2	NASI	GAP-365	Metabolic engineering through hairy root cultures of <i>Atropa belladonna</i> -an endangered medicinal plant, for therapeutically distinctive alkaloid production alternatives and targeted derivatization of phytomolecules for value addition	Dr. Suchitra Banerjee	01.02.2017	48.920	31.01.2020 Extn till 01.02.2022 Extn till 31.08.2022
3	NMPB	GAP-368	Inventorization of medicinal and medicinally important aromatic plants (M&MIAP) and its conservation in selected four Ganga Gram of Kanpur Nagar district of Uttar Pradesh	Dr Birendra Kumar	11.05.2017	23.628	10.05.2020 Extension upto March, 2021 upto 31.09.2021
4	NMPB	GAP-369	Dissemination of Vetiver (<i>Chrysopogon zizanoides</i>) agro-technology in flood prone and contaminated area of Ganga river of Uttar Pradesh	Dr Rajesh Verma	11.05.2017	55.506	10.05.2020 Extn upto 30.06.2021 Extn upto 31.09.2021
5	Directorate of Agriculture (Govt. of Uttarakhand) Krishi Bhawan	GAP-388	Introduction and popularization of newly developed cold tolerant menthol-mint variety CIM-Kranti among the farmers of Uttarakhand for income generation and agriculture intensification of research centre Pantnagar PO-Dairy farm Nagla Distt-US Nagar	Dr. Rakesh Kumar Upadhyay	22.12.2017	24.000	21.12.2020 Extension upto 21.12.2021
7	National Medicinal Plants Board	GAP-390	Assessment of hazardous metals (As, Cd, & Pd) translocation and accumulation in Kalmegh (<i>Andrographis paniculata</i>) : Implication of genotype selection for minimal risk to human health	Dr. Puja Khare	14.02.2018	38.206	13.02.2021 Extn upto 30.11.2021

8	Arboreal Agro Innovations Private Limited Jabalpur, Madhya Pradesh	CNP-391	Providing technical guidance for Stevia processing technology collaboration with CIMAP	Er. Sudeep Tandon	15.02.2018	10.620	14.08.2018 Extension upto 31.03.2021.
9	UPCST	GAP-394	Molecular and cell target based approach towards cancer chemoprevention by flavonoids via ROS mediated cascades	Dr. Abha Meena	26.03.2018	10.440	25.03.2021 Extn upto 25.12.2021
10	SERB, DST	GAP-395	Understanding the systematics, biogeography and phylogenetic relationships of Garcinia (Clusiaceae) from Western and Eastern Ghats	Dr. V Sundaresan	17.03.2018	30.95925	16.03.2021 Extension upto 16.09.2021
11	DST- WOS-A	GAP-407	Synthesis of podophyllotoxin and related analogues as potential anticancer agents through microtubule and /or DNA topoisomerase inhibition	Ms. Ankita Srivastava	02.07.2018	20.870	01.07.2021
12	DBT	GAP-408	Demonstration of cultivation, processing and value addition of selected aromatic crops in Bundelkhand region	Dr. Ramesh Srivastava	22.06.2018	246.800	21.06.2021 Extn upto 17.12.2021
13	DST- WOS-B	GAP-413	Ensuring economic upliftment of rural women and youth through capacity building by recycling medicinal and aromatic plants (MAPs) residue to value added products	Dr. Akanksha Singh	11.09.2018	31.600	10.09.2021
14	SERB, DST	GAP-415	Pre-clinical evaluation of three investigational new drugs (INDs) as cancer chemotherapeutics.	Dr. Arvind Singh Negi	11.10.2018	29.050	10.10.2021
15	HCL Foundation	CNP-416	Providing consultancy and technical guidance for cultivation and processing medicinal and aromatic plants suitable for Hardoi and central U.P. region	Dr. Sanjay Kumar	2.11.2018	45.21494	01.11.2020 Extn upto 31.03.2021 Extn upto 31.03.2022
16	SERB, DST	GAP-418	Structural investigation of geranyldiphosphate synthase (GPPS) from <i>Chatharanthus roseus</i>	Dr. Prema G. Vasudev	19.11.2018	22.100	18.11.2021

17	DBT	GAP-420	Assessment of distribution, genetic diversity and population status for conservation of recently described tree species (<i>Eugenia agasthiyamalayana</i> , <i>Calophyllum pascalium</i> and <i>Garcinia gamblei</i>) from Agasthyamalai Biosphere Reserve (ABR), Western Ghats, India	Dr. V Sundaresan	04.01.2019	38.098	03.01.2022
18	NMPB	GAP-422	Establishment of nursery for production and supply of quality planting material	Dr. Jananasha AC	20.03.2019	18.920	19.03.2022
19	DST-SERB	GAP-424	Metabolic engineering in a carotenoid over-producing bacterium for development of an efficient platform strain for zerumbone production	Dr. Mukti Nath Mishra	14.03.2019	28.83859	13.03.2022
20	DBT	GAP-425	Application of menthol mint and vetiver technology through introduction of sugarcane-mint intercropping and bio-resources waste utilization for rural development and women empowerment in Purvanchal region of Uttar Pradesh	Dr. Alok Kumar Krishna	19.03.2019	34.7778	18.03.2022
21	DBT	GAP-426	Molecular and biochemical studies on indigenous medicinal plants from the North East India including <i>Urginea indica</i> (Bon Pollundu) and <i>Dactyloscapnos scandens</i> for the development of potential Anti-diabetic formulations	Dr. Sumit Ghosh	22.03.2019	25.712	21.03.2022
22	DST-SERB	GAP-429	In-vitro rhizogenesis and root transformation in endangered Himalayan medicinal herb <i>Selinum sp.</i>	Prof. Gauri Saxena (LU) Dr. Laiq-ur-Rahman	04.12.2018	10.050	03.12.2021

23	Rashtriya Krishi Vikas Yojana(RKVY)Government of Odisha Agriculture & Farmers' Empowerment Department	SSP-433	Farm based S&T interventions for socio-economics development in the aspirational district of Nabarangpur, Odisha	Dr. Ajit Kumar Shasany	12.09.2019	48.960	11.09.2020 Extn upto 31.09.2021
24	DST-INSPIRE Faculty Award	GAP-437	Exploration of role and regulation of putative genes involved in multidrug efflux pump mediated intrinsic drug resistance in <i>Mycobacterium</i>	Dr. Mukti Nath Mishra	15.10.2019	17.23208	14.10.2021
25	Vindhyaachal Agrofarms Pvt. Ltd. Mirzapur	CNP-438	Providing technical guidance for planning and setting up of the processing facilities for the distillation of aromatic crops of the client	Er. Sudeep Tandon	08.11.2019	3.3571	07.11.2021
26	BIRAC, New Delhi	GAP-439	Production of alpha-farnesene, a natural sesquiterpene, from Yeast expression system	Dr. Venkata Rao, D.K.	10.10.2019	23.800	09.04.2021
27	Government of Nagaland	GAP-440	Survey and analysis of area for preparation of Detail Project Report (DPR) for establishment of Centre for Excellence of Medicinal & Aromatic Plants in Nagaland	Dr. RK Srivastava	06.12.2019	5.000	05.12.2020 Extn upto 31.12.2021
28	A.P. Medicinal & Aromatic Plants Board	GAP-444	Conducting sample survey for quality analysis of Aswagandha and Long Pepper by HPLC method in the farmer fields of Andhra Pradesh for the cropping period 2017-18	Dr. J Kotesk Kumar	14.01.2020	5.000	13.01.2021 Extn upto 31.03.2021
29	SS Solution India Pvt. Ltd. Lucknow	CNP-449	Providing consultancy and technical guidance for designing and development of mobile solar aroma distillation technology	Er. Ashween D. Nannaware	03.03.2020	9.263	02.09.2021
30	DBT	GAP-451	Prospecting flora of Mizoram for antimicrobial and antimalarial bio molecules	Dr. Anirban Pal	17.09.2018	27.810	16.09.2021

31	NMMP Dept. of Horticulture, State Dept. of Karnataka, BLR	GAP-455	Model nursery for propagation of important medicinal plants	Dr. Channayya Hiremath	10.08.2020	25.000	09.08.2021
32	Chief Conservator of Forest Bundelkhand Zone, Jhansi, UP	SSP-457	Organization of awareness programme on cultivation and processing of suitable aromatic crop in four districts of Bundelkhand region, UP.	Dr. RK Srivastava	01.09.2020	6.000	31.08.2021

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S.N.	Funded by	Project No.	Title	PI Name	Start Date	Amount (Rs. In Lakh)	End Date
1	DST	GAP-423	Agrobacterium rhizogenes mediated hairy root cultures of <i>Bergenia</i> spp.: A potential source for kidney stone remedy	Dr. Farah Deeba	21.02.2019	29.950	20.02.2022 Extn upto 20.08.2022
2	ACi Asheesh Concentrates International, Mumbai	GAP-430	Identification and selection of THC, CBD, cannabinoid terpene and THCa rich strain/line/genotype of <i>Cannabis</i> spp.	Dr. Birendra Kumar	03.06.2019	98.208	02.06.2021Extn upto 02.06.2022
3	ICMR-DHR	GAP-432	Development of cancer chemotherapeutics through microtubule dynamics modulators	Dr. Arvind Singh Negi	09.07.2019	24.375	08.07.2022
4	DBT	GAP-435	Exploring the efficacy of nutrient rich biochar based fertilizer on tea (<i>Camellia sinensis</i> L.) and Indian ginseng (<i>Withania somnifera</i> L.): A biotechnological intervention	Dr. Puja Khare	01.10.2019	28.0024	30.09.2022 Extn upto 29.03.2023
5	DBT	GAP-441	Identification and characterization of active molecules derived from selected edible medicinal plant of Arunachal Pradesh against rotavirus and clinical isolated of drug resistant <i>E. coli</i> and <i>S. aureus</i> .	Dr. MP Darokar	06.08.2019	28.00192	05.08.2022
6	DST	GAP-442	High throughput imaging system in <i>Mentha arvensis</i> for management of diseases, nutrient, water and harvesting using machine learning algorithms	Dr. Nupoor Prasad	16.12.2019	28.674	15.12.2022

7	United Nations Development Programme (UNDP)	GAP-443	Promotion of aromatic crops value chain for conservation based and sustainable livelihood practices in selected districts of Kerala	Dr. ND Yogendra	31.12.2019	41.880	30.12.2021 Extn upto 31.03.2022 Extn upto 31.07.2022
8	DST-WOS B	GAP-448	Promotion of <i>Moringa</i> based farming system and development of value added products for livelihood security rural employment	Ms. Kamini Singh	29.02.2020	21.8456	28.02.2023
9	DBT	GAP-453	Standardization of Indigenous probiotic based formulation for immunity, Glucose and Lipid metabolism	Dr. Anirban Pal	17.09.2019	27.0024	16.09.2022
10	Biotechnology Industry Research Assistance Council, New Delhi	GAP-454	Development of Indigenous yeast system through pathway engineering for sustainable production of high-value sandalwood sesquiterpenes	Dr. Dinesh A. Nagegowda	30.06.2020	40.710	29.12.2021 Extn upto 28.12.2022
11	Office of Deputy Director Horticulture, Sawai Madhopur, Govt. of Rajasthan	CNP-459	Providing consultancy for designing, fabrication and setting up of Rose oil & Rose water distillation units	Dr. Sudeep Tandon	25.11.2020	7.124	24.11.2021 Extn upto 31.03.2023