

NEW PROJECTS TAKEN UP DURING 2021-22

(As on 31.03.2022)

Externally Funded Projects*

(Rs in lakhs)

S. No.	Title of the Project	Project Number	Date of Start	Probable Date of Completion	Total Commitment & Sponsor	Project Leader
1.	Design and Development of a light source	CLP 0034	08.04.2021	07.04.2022	9.265 (Industry Share: 5.015 Lakh CSIO Share: 5.015) ATOS Instruments Marketing Services, Bangalore	Dr. Sanjeev Soni
2.	A Novel Portable Wireless Automated Eye Moisturizing Sprayer	CLP 0035	20.07.2021	30.09.2022	4.100 (Industry Share: 0.600 Lakh CSIO Share: 3.500)	Dr. Ranjan Jha
3.	Design & Development of Static Var Generators (SVG) for Power Management	CLP 0036	08.10.2021	31.03.2022	6.500 M/s SUNON Technologies, Chennai Cont: Rs. 0.650 Lakhs & CSIO Chandigarh Cont: 5.85 Lakhs	Dr. C. Sethuraman
4.	IoT Enabled & Cloud Connected Industrial Air Quality Monitoring System (iAQMS)	CLP 0037	08.10.2021	31.03.2022	9.52542 M/s AI-DEA Labs Private Limited,	Dr. G.S. Ayyappan

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					Chennai Cont: Rs. 1.52542 Lakhs & CSIR-CSIO, Chandigarh Cont: Rs. 8.000 Lakhs	
5.	Consultancy for the Development of Convective Blower Machine for Patient Warming System	CNP 0020	15.04.2021	14.08.2021 (Completed)	2.205 Bioaide Corporation, Chandigarh	Dr. Sanjeev Soni
6.	Green Tea bitterness masking evaluation	CNP 0021	10.05.2021	09.01.2022 (Completed)	7.2064 Tata Consumer Products Ltd., Bengaluru	Dr. Ritesh Kumar
7.	Setting up of NABL accredited Modern Lab at Chandigarh/ Panchkula	CNP 0023	29.10.2021	28.10.2023	24.5 FCI, Noida	Dr. Anupma Sharma
8.	Odorspace-1	CNP 0024	24.11.2021	23.05.2022	16.05182 Foodpairing, Belgium	Dr. Ritesh Kumar
9.	Setting up of NABL accredited Modern Lab at Raipur, Chhattisgarh	CNP 0025	02.12.2021	01.12.2023	24.4 FCI, Mumbai	Dr. Udaybir Singh
10.	Setting up of NABL accredited Modern Lab at Hyderabad, Telangana	CNP 0026	20.12.2021	19.12.2023	24.34 FCI, Chennai	Dr. Udaybir Singh
11.	Setting up of NABL accredited Modern Lab at FCI Regional Centre, Bhubaneswar	CNP 0027	20.12.2021	19.12.2023	24.45 FCI, Bhubaneswar	Dr. Preetismita Borah
12.	ENCEESPRAY- An electrostatic Disinfection Machine comprising of electrostatic sprayer and electro-hypo generator – an ideal solution for surface	GAP 0441	09.04.2021	08.10.2021 (Completed)	22.000 USISTEF, DST, New Delhi through Rite	Dr. Manoj Patel

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	disinfection against COVID-19				Water Solutions, Nagpur, Maharashtra	
13.	Validation and Demonstration of wild animals detection system deployed at Kansrao RTR to stake holders	GAP 0442	15.04.2021	31.03.2022 (Completed)	9.882 Wildlife Institute of India, Dehradun	Sh. Ripul Ghosh
14.	Development of Otoacoustic Emission Sensing System for Medical Applications	GAP 0446	25.10.2021	24.04.2024	20.9844 DST, New Delhi th' IIT, Kanpur	Dr. Sanjeev Kumar
15.	Monitoring of the Project "Development of Ergonomically designed working model of Fruit Plucking Device" (PRISM-11011/10/2021-PRISM-DSIR) sanctioned to Dr Sanjay Mohan, Jammu, J&K	GAP 0447	01.11.2021	31.12.2022	0.142 DSIR, New Delhi	Sh Narinder Singh
16.	Automatic Brushing Device for Oral Hygiene Maintenance in Elderly Population	GAP 0448	22.12.2021	21.12.2023	34.7608 SEED, DST, New Delhi	Dr. Sanjeev Verma
17.	GaonKapaniGaon Main - HarGharKoNal se SaphJal - Affordable IoT- enabled Water Service Delivery Measurement and Monitoring Sensing System for Rural Deployment	GAP 0449	01.01.2022	30.06.2023	299.35 Ministry of Jal Shakti, Govt. of India, New Delhi	Dr. Baban Kumar S. Bansod
18.	Cancer Selective Molecular Theranostic to Overcome Multidrug Resistance (MDR) in Preclinical Models	GAP 0450	23.12.2021	22.12.2024	35.15659 SERB, DST, New Delhi	Dr. Amit Sharma, DBT Ramalingaswami Fellow
19.	Monitoring of the Project "Development of Half-facepiece Air Purifier (Air mask)" sanctioned to Mr. Diwakar Singh from Chandigarh	GAP 0451	01.02.2022	31.01.2023	1.190 DSIR, New Delhi	Sh Narinder Singh

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20.	Surface Topography and Kinematics in the Sub-Himalaya, close to Chandigarh: Implications to infrastructure development and seismic hazard for a proposed smart city	GAP 0452	31.03.2022	30.03.2025	27.502 Ministry of Earth Sciences, New Delhi	Dr. Tejpal Singh
21.	Development of Reflective Optics for Nanofocusing of Soft X-Rays based on mirrors using Micromachining process chain	GAP 0458	10.03.2022	09.03.2025	18.000 SERB, DST, New Delhi	Dr. Neha Khatri
22.	Design of Pristine/ Doped Photocatalytic Materials for Pollutant Degradation	SSP 0051	02.05.2021	02.05.2022	4.000 Novorbislus Pvt. Ltd, Indore	Dr. Pooja Devi
23.	Hardware Design of Photoplethysmography (PPG) Sensor	SSP 0055	16.12.2021	30.04.2022	2.40557 M/s Pareto Tree Pvt. Ltd., New Delhi	Dr. Sudeshna Bagchi
24.	Development of Colorimetric device for Water and soil testing applications	SSP 0056	24.01.2022	23.07.2022	7.73898 M/s Plasti Surge Industries Pvt. Ltd. Amravati (MH)	Dr. Amol P. Bhondekar

* The projects of Strategic nature have been excluded from the list.

D. Technical Service Projects

(Rs in lakhs)

S. No.	Title of the Project	Project Number	Date of Start	Probable Date of Completion	Total Commitment & Sponsor	Project Leader
1.	e-Training Program on calibration and Testing of Microbiology Laboratory Equipment	TSP 0032	02.08.2021	13.08.2021 (Completed)	6.000 Biomedical Engg. Div, Dept. of Medical; Supplies, & Health Infrastructure, Min Health, Bhutan	Ms. SudeshYadav
2.	Energy Audit and analysis for CSIR-IGIB Campus	TSP 0033	27.09.2021	26.02.2022	4.000 CSIR-IGIB, New Delhi	Sh. Mukesh Kumar, Chennai Centre
3.	Motion Estimation: Traditional & Machine Learning	TSP 0034	27.01.2022	31.03.2022 (Completed)	1.500 SERB, DST, New Delhi	Dr. Shashi Poddar