

ONGOING PROJECTS OF CSIR-CSIO DURING FY 2024-25

(As on 31.03.2025)

(Rs in lakhs)

Externally Funded Projects

S. No.	Title of the Project	Project Number	Date of Start	Probable Date of Completion	Total Commitment & Sponsor	Project Leader
1.	Setting up of NABL accredited Modern Lab at Chandigarh/ Panchkula	CNP 0023	29.10.2021	28.10.2024	24.5 FCI, New Delhi	Dr. Anupma Sharma
2.	Setting up of NABL accredited Modern Lab at Raipur, Chhattisgarh	CNP 0025	02.12.2021	25.11.2024	24.4 FCI, Mumbai	Dr. Udaybir Singh
3.	Setting up of NABL accredited Modern Lab at Hyderabad, Telangana	CNP 0026	20.12.2021	13.12.2024	24.34 FCI, Chennai	Dr. Udaybir Singh
4.	Setting up of NABL accredited Modern Lab at FCI Regional Centre, Bhubaneswar	CNP 0027	20.12.2021	19.12.2024	24.45 FCI, Bhubaneswar	Dr. Preetismita Borah
5.	Consultancy on Electro-Opto-Mechanical Systems, Operational & Maintenance Strategies, Performance Optimization and Reliability Assessment of Marine Sighting Systems	CNP 0029	12.07.2023	11.05.2024	35.000 M/s Paras Defence and Space Technologies Ltd., Navi Mumbai, Maharashtra	Dr. Amol P. Bhonekar
6.	TePP Outreach cum Cluster Innovation Centre (TOCIC), Chandigarh under Promoting Innovations in Individuals, Start-ups and MSMEs (PRISM) Scheme of DSIR	GAP 0325	01.04.2014	31.03.2026	12.000 DSIR, New Delhi	Sh Narinder Singh
7.	Design Innovation Centre, Chandigarh	GAP 0343	01.03.2016	31.03.2026	60.000 MHRD, New Delhi through UIET, Punjab University, Chandigarh	Dr HK Sardana (Till 30.11.2021) Dr. Satish Kumar (1.12.2021)

8.	Design, Development and Supply of HUD MK 2 units for LCA AF Mk2 & LCA Navy Mk2	GAP 0356	01.11.2016	31.12.2025	2329.245 ADA, Bangalore	Dr. Vinod Karar (Till 09.12.2022) Dr. Satish Kumar (w.e.f. 10.12.2022)
9.	Design & Development of LED based Droque Light for LCA AF Mk-1	GAP 0387	20.03.2018	30.09.2024	251.288 ADA, Bangalore	Dr. Harry Garg
10.	Creation of Common Research and Technology Development Hubs (CRTDHs) in Renewable Energy/Electronics	GAP 0402	01.01.2019	31.03.2025	856.000 (DSIR : Rs. 600.000 Lakhs & CSIO : Rs. 256.000 Lakhs) DSIR, New Delhi	Shri Anand VP (Chennai Centre)
11.	Virtual Intelligence in Home based rehabilitation of persons with Motor Disability	GAP 0404	01.04.2019	31.12.2022 (Completed)	59.300 MoSJE, New Delhi	Dr. Neelesh Kumar
12.	Finger gesture based alternative drive controller for powered wheelchair (Ges-chair)	GAP 0415	15.06.2019	14.06.2021 (Completed)	29.3692 DST, New Delhi	Dr. Amit Laddi
13.	ICT based Tools for Assessment and Improvement of Efficacy of Upper Limb Robotic Rehabilitation using Thermographic Diagnostic Method (ThermoRehabRob)	GAP 0416	19.09.2019	22.02.2023 (Completed)	33.5456 DST, New Delhi	Dr. PK Mahapatra
14.	DEEP: Development of an Efficient Photoelectrode for Hydrogen Fuel from Water	GAP 0421	09.10.2019	30.09.2025	49.1508 DST, New Delhi	Dr. Pooja Devi
15.	IoT enabled Performance Evaluation System for Transformers in Rural Areas	GAP 0427	20.02.2020	19.02.2022	23.65632 DST, New Delhi	Sh. Raghavan M
16.	Interface development between bioreceptor and graphene for cortisol Sensing graphene	GAP 0428	17.02.2020	16.02.2023	20.1356 DST, New Delhi	Ms. Parveen, WOS-A
17.	Development of Whispering Gallery Mode (WGM) resonator into optical fiber axion tip for WGM excitation and sensing application	GAP 0429	10.02.2020	09.02.2023 (Completed)	25.14638 SERB, DST, New Delhi	Dr. Samir K. Mondal

18.	Design & Development of Dual Model LED based Anti-Collision Light (ACL)	GAP 0434	19.10.2020	31.03.2025	398.800 ADA, Bangalore	Dr. Harry Garg
19.	Development Study of FBG based Snow Surface Temperature Sensor for Forecasting of Avalanche Activity	GAP 0436	03.12.2020	02.05.2024 (Completed)	10.050 SERB, DST, New Delhi	Dr. Umesh Kumar Tiwari
20.	Development of Gait Training Tools and Mobility Aids for Parkinsons Patients	GAP 0437	12.01.2021	11.01.2025	26.500 DBT, New Delhi	Dr. Neelesh Kumar
21.	Multiplexed Point-of-use Antibiotics Monitoring Developed by System Integrated Electrochemical Transducer based on Metal Organic Framework	GAP 0439	05.02.2021	04.02.2024	46.8456 DBT, New Delhi	Dr. Akash Deep
22.	Design and Development of Digital HUD & UFCP for SU-30 MKI	GAP 0440	23.03.2021	30.09.2025	655.000 Directorate of Projects, Air Hqrs (VB), New Delhi	Sh. Vipin Kumar (Till 19.7.2023) Dr. Harry Garg (w.e.f. 20.7.2023)
23.	Design, development and functional proving of Attack Periscope (repair/ refurbishment of Attack Periscope)	GAP 0443	23.03.2021	22.09.2023	2379.11047 Integrated Hqrs. Of the Ministry of Defense (Navy), Directorate of Weapon Equipment, New Delhi	Dr. Vinod Karar (Till 9.12.2022) Dr. Amol P. Bhondekar- PI-1 (w.e.f. 10.12.2022) Dr. Shravan Kumar RR- PI-2 (w.e.f. 10.12.2022)
24.	Design & Development of Portable and universal Pump Efficiency Monitoring System (PU-PEMS)	GAP 0445	24.02.2021	23.02.2023 (Completed)	34.670 Ministry of Defense (Navy), New Delhi	Sh. G S Ayyappan
25.	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
26.	Monitoring of the Project "Development of Ergonomically designed working model of Fruit Plucking Device" (PRISM-11011/10/2021-	GAP 0447	01.11.2021	31.12.2022 (Completed)	0.142 DSIR, New Delhi	Sh Narinder Singh

	PRISM-DSIR) sanctioned to Dr Sanjay Mohan, Jammu, J&K					
27.	Automatic Brushing Device for Oral Hygiene Maintenance in Elderly Population	GAP 0448	22.12.2021	21.12.2023 (Extension Sought)	34.7608 SEED, DST, New Delhi	Dr. Sanjeev Verma
28.	GaonKapaniGaon Main - HarGharKoNal se SaphJal - Affordable IoT- enabled Water Service Delivery Measurement and Monitoring Sensing System for Rural Deployment	GAP 0449	01.01.2022	28.02.2025	299.35 Ministry of Jal Shakti, Govt. of India, New Delhi	Dr. Baban Kumar S. Bansod
29.	Cancer Selective Molecular Theranostic to Overcome Multidrug Resistance (MDR) in Preclinical Models	GAP 0450	23.12.2021	22.12.2024 (Transferred to Amity, Mohali)	35.15659 SERB, DST, New Delhi	Dr. Amit Sharma, DBT Ramalingaswami Fellow
30.	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 (Completed)	1.190 DSIR, New Delhi	Sh Narinder Singh
31.	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
32.	Monitoring of the project "Development of Multiuse Smart Eyecare Diagnostic Solution" (PRISM-11012/37/2021-PRISM-DSIR) sanctioned to Dr Varsha Singh from New Delhi	GAP 0453	01/04/2022	31/03/2024 (Completed)	1.744 DSIR, New Delhi	Mr. Narinder Singh
33.	Design & Development of Camouflaged Kiosk	GAP 0454	01/04/2022	31/12/2022 (Stage Closed) Closure report pending	41.710 1-BRD, Air Force Station, Kanpur	Dr. Harry Garg
34.	Design & Development of portable devices for estimation of life and color index of Lac samples	GAP 0455	13/04/2022	12/04/2024	20.000 NABARD, Ranchi	Mr. Saurav Kumar

35.	Establishment of IoT Lab at ISTC	GAP 0457	01/04/2022	31/03/2024 (Extension Sought)	9.095 AICTE, New Delhi	Mr. Narinder Singh
36.	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
37.	Visual Inertial Odometry for Navigation of Unmanned Vehicle in GPS denied Environment	GAP 0460	09.06.2022	08.06.2025	44.368 ARDB, DRDO, Delhi	Dr. Shashi Poddar
38.	Optical biosensors based on grapheme oxide for detection of pathogens	GAP 0462	11/04/2022	10/04/2024	46.000 SERB - DST, New Delhi	Mr. A Robert Sam
39.	Fully Automated Device for Performing Exchange Transfusion through Umbilical Venous Route in Neonates: Evaluation of Safety and Efficacy	GAP 0463	27/07/2022	26/07/2024	20.854 ICMR, New Delhi through PGIMER, Chandigarh	Dr. Sanjeev Verma
40.	Embedded Vision based intraoral scanner for Dental Diagnostics (Scan-D)	GAP 0464	10/08/2022	09/08/2025	52.687 ICMR, New Delhi	Dr. Amit laddi
41.	Vision based Target tracking and Localization for Loitering Munition System	GAP 0465	20.08.2022	31.08.2024	22.39146 TiHAN- IIT Hyderabad	Dr. Shashi Poddar
42.	Novel edible coating material for the postharvest quality improvement of perishable fruit crops	GAP 0467	06.09.2022	28.02.2025	17.9784 Sree Padmavathi Venkateshwara Foundation, Vijaywada through NABI, Mohali	Dr. Manoj K. Patel
43.	Metal-organic frameworks derived metal oxides and bio-waste derived carbon nanosheets for hybrid supercapacitor applications	GAP 0468	12.05.2022	11.05.2025	20.35956 DST, New Delhi	Ms. Ashwinder Kaur, WoS, MSSA
44.	Artificial Intelligence Powered Solutions for Animal Health Analytics	GAP 0469	19.10.2022	18.10.2025	106.000 AWaDH-IIT, Ropar	Dr. Ritesh Kumar

45.	Development of Additive Manufactured Lattice structured Lumbar Spinal Implants	GAP 0470	01.12.2022	30.11.2025	84.37808 ICMR, New Delhi	Sh. Vijay Kumar Meena
46.	Design & Development of Advanced Optical Technologies for Next Generation Avionic Display Systems	GAP 0472	25.11.2022	31.03.2025	165.000 ADA, Bengaluru	Dr. Raj Kumar
47.	Study and Investigations of Quantum Machine Learning algorithms for Computer Vision Applications in and Beyond Visible Spectrum	GAP 0474	01.05.2023	30.04.2025	USD 26,400/- (In terms of AWS Credits) MeitY Quantum Computing Applications Lab (QCAL), New Delhi	Dr. Aparna Akula
48.	Localization of Surface Deformation Zones using Space borne InSAR and ground investigations in an active sector of the Sub-Himalayan region	GAP 0475	11.05.2023	10.05.2026	45.97086 DST, New Delhi	Dr. Tejpal Singh
49.	Study of Infrared Signature Management of Vehicles	GAP 0476	01.05.2023	10.05.2026	22.2804 16 Engr Br Regt (PMS), Zirakpur (Punjab)	Dr. Aparna Akula
50.	Hybrid Indoor Light Harvesters for Self-Powered IoT Applications	GAP 0481	01.04.2023	31.03.2026	37.43824 DST, New Delhi	Dr. Manoj Patel
51.	Indo-German Joint Scientific Workshop on “Computational Intelligence for Sustainable Energy and Mobility Systems (CI-SEMS): Advancing Efficiency and Environmental Impact”	GAP 0483	01.01.2024	30.06.2024 (Completed)	27.230 IGSTC, DST, BMBF	Dr. Satish Kumar
52.	Eye Gaze Tracking based Augmented Intelligence for Assistive Cueing	GAP 0484	19.01.2024	18.01.2027	21.61684 SERB, New Delhi	Dr. Amit Laddi
53.	Empowering farmers through AI-Driven Data Analytics Solution	GAP 0485	01.02.2024	31.01.2026	32.760 DST- Technology Innovation Hub, IIT, Ropar	Dr. Rishemjit Kaur

54.	Design and Development of Cost-effective Alternate to Floating Metal based RF-MEMS Shunt Capacitive Switch for B5G and 6G Applications	GAP 0486	17.02.2024	16.02.2027	24.84259 SERB, New Delhi	Dr. Dhairya Singh Arya
55.	Artificial Intelligence based automated interpretation of echocardiographic image from handheld echocardiography devices	GAP 0487	01.03.2024	28.02.2027	47.651 ICMR, New Delhi	Dr. Prasant Mahapatra
56.	Development of Spectrally Resolved white light interferometer for roughness and flatness measurement of Engineering Sample	GAP 0488	04.03.2024	03.03.2027	28.184 DST, New Delhi	Dr. Sanjit Kumar Debnath
57.	Monitoring of the Project "Solar Companion" submitted by the innovator (DSIR/PRISM/353/2023 sanctioned to Mr. Aryan Arora from Sirsa, Haryana	GAP 0490	06-02-2024	05-12-2024	0.189 DSIR, New Delhi	Sh. Narinder Singh
58.	Monitoring of the Project " To demonstrate & establish physical stability of Orthopaedic implant coating" submitted by the innovator (DSIR/PRISM/231/2022) sanctioned to Dr. Chinmay Khare from Pune, Maharashtra	GAP 0491	24.11.2023	25.03.2025	1.850 DSIR, New Delhi	Sh. Narinder Singh
59.	Algorithm Development for Bee Detection in Beehives in Indian Scenario	GAP 0492	06.03.2024	28.02.2025	15.000 DST- Technology Innovation Hub, IIT, Ropar	Dr. Ritesh Kumar
60.	Monitoring of the Project "Development of Garbage Cleaning Machine" submitted by the innovator sanctioned to Mr. Mohit Chauhan from Panjab	GAP 0493	29-04-2024	28-07-2025	1.770 DSIR, New Delhi	Sh. Narinder Singh
61.	Monitoring of the Project "Development for Wearable Adaptive Optical Active Camouflage technology" submitted by the innovator (DSIR/PRISM/387/2023) sanctioned to Mr. Rajnish Kushwaha from Haryana	GAP 0494	01-05-2024	31-10-2025	0.200 DSIR, New Delhi	Sh. Narinder Singh
62.	A Comprehensive Geomorphic Anomaly investigation over Sutlej basin, India	GAP 0495	14-05-2024	31-12-2025	22.042 SAC, ISRO, Ahmedabad	Dr. Tejpal Singh

63.	Development of a process for scalable replication of micro/Nano structures	GAP 0496	04-06-2024	03-06-2027	43.266 ANRF, New Delhi	Dr. Vinod Mishra
64.	Monitoring of the Project "Rotatable condenser unit for split air conditioners for improved efficiency" submitted by the innovator sanctioned to Dr. Shalom Akhai from Haryana	GAP 0497	22-03-2024	21-12-2024	0.180 DSIR, New Delhi	Sh. Narinder Singh
65.	System design for acoustic-based attack on UAV and its mitigation mechanism	GAP 0498	03-07-2024	02-07-2027	35.710 IHUB-NTIHAC, IIT KANPUR	Dr. Shashi Poddar
66.	Monitoring of the Project "Development of Battery Thermal Management System(BTMS) to enhance Lithium-Ion Battery (LIB) safety" submitted by the innovator (DSIR/PRISM/354/2024) sanctioned to Mr. Suraj rana from Himachal Pradesh	GAP 0499	22-03-2024	21-02-2025	0.198 DSIR, New Delhi	Sh. Narinder Singh
67.	Monitoring of the project Proposal for development of a High Data rate Visible Light Communication System for Green Wireless Technology and Healthcare area submitted by the innovator (DSIR/PRISM/267/2022) sanctioned to Dr. Nikhil Sharma from Jaipur, Rajasthan	GAP0500	09-10-2023	08-10-2025	1.5 DSIR, New Delhi	Sh. Narinder Singh
68.	Monitoring of the Project Smart Vest- World first wearable assistive device with real time Speech guided Navigation for the Blind & Visually Impaired People submitted by the innovator & sanctioned to Mr. Amit Kumar from Karnal, Haryana	GAP0501	09-10-2023	08-04-2025	1.485 DSIR, New Delhi	Sh. Narinder Singh
69.	Monitoring of the project Design and Fabrication of an Indigenous multicolor tunable photo reactor with inbuilt stir submitted by the innovator (DSIR/PRISM/253/2022) sanctioned to Dr. Sanjeev Kumar Bhardwaj from Panchkula,	GAP0502	09-10-2023	08-12-2024	0.959 DSIR, New Delhi	Sh. Narinder Singh

	Haryana					
70.	Monitoring of the Project LoRa and Vision Node assisted IoT network for Real-Time monitoring and controlling of Fishpond submitted by the innovator & sanctioned to Mr. Devender Singh from Dehradun, Uttarakhand	GAP0503	09-10-2023	08-03-2025	0.18 DSIR, New Delhi	Sh. Narinder Singh
71.	Monitoring of the project Design and Development of novel and innovative Hybrid Ball Burnishing Assisted 3-axis Wire Arc Additive Machine for Industrial application submitted by the innovator (DSIR/PRISM/266/2022) sanctioned to Dr. Chander Prakash from Mohali, Punjab.	GAP0504	09-10-2023	08-10-2025	1.95 DSIR, New Delhi	Sh. Narinder Singh
72.	Monitoring of the Project Anshaj Smart Bin submitted by the innovator & sanctioned to Mr. Ashish Singh from Himachal Pradesh	GAP0505	09-10-2023	08-02-2025	1.00 DSIR, New Delhi	Sh. Narinder Singh
73.	Study to Reduce/Modify the Thermal Infrared Emissions of T-72	GAP0506	31-01-2025	30-10-2025	59.807 Engineer Br Regt (PMS), Zirakpur (Punjab)	Dr. Aparna Akula
74.	Computer vision-based system to track unknown flying objects from another unmanned aerial vehicle	GAP0507	16-01-2025	15-01-2027	29.356 DRDO, ARDB New Delhi	Dr. Shashi Poddar
75.	Monitoring of the project Eyeshift: Eye care & Posture control device with an intuitive user interface (DSIR/PRISM/356/2023) of Mr. Shaurya Khosla from Chandigarh	GAP0508	29-11-2024	28-09-2025	0.465 DSIR, New Delhi	Sh. Narinder Singh
76.	Data acquisition, Identification of key wavelength for target characterization and classification using Hyperspectral Imagers for A/P mine detection	GAP0509	28-03-2025	27-01-2026	R&DE (E), Pune (DRDO)	Dr. Neerja Garg
77.	Design & Development of Optical Coatings for Glass Fairing of Airborne Opto-Locator	SSP 0049	27.04.2020	26.04.2023	38.13414 HAL, Korwa	Dr. Mukesh Kumar

	System					
78.	Design and Development of Optical Beam Combiners for PDU of Hawk Aircraft	SSP 0050	03.07.2020	07.01.2024	273.1339 HAL, Korwa	Dr. Mukesh Kumar
79.	Design & Development of Service Light	SSP 0052	25.06.2021	31.03.2025	164.600 ARDC, Bangalore	Dr. Harry Garg
80.	Design & Development of Optical Beam Combiners for HUD of Sukhoi-30 Aircraft	SSP 0053	05.06.2021	04.12.2023	37.13588 HAL, Korwa	Dr. Mukesh Kumar
81.	Design & Development of Wing tip Marker Light for LCA MK Tejas Aircraft	SSP 0054	11.09.2021	31.03.2025	151.2 ARDC, HAL, Bangalore	Dr. Harry Garg
82.	Development of Colorimetric device for Water and soil testing applications	SSP 0056	24.01.2022	30.06.2024	7.73898 M/s Plasti Surge Industries Pvt. Ltd. Amravati (MH)	Dr. Amol P. Bhondekar
83.	Design & Development of Lap Light for LCA Mk2	SSP 0057	27.04.2022	31.12.2024	96.000 ADL, HAL, Lucknow	Dr. Harry Garg
84.	Objective Assessment of Saltiness in salt and salt blends	SSP 0058	28.07.2022	27.07.2023	11.05566 Tata Consumer Products Limited, Kolkata	Sh. Saurav Kumar
85.	Design and Development of Multi-spectral AR Coated Sapphire Fairing for IRST System	SSP 0059	13.04.2023	12.10.2026	637.702 HAL, Korwa	Dr. Mukesh Kumar
86.	Design of Optical System for Airborne Opto-Locator System and Development of IR anti-reflective coatings with enhanced optical transmission	SSP 0060	10.10.2022	09.04.2026	667.34745 HAL, Korwa	Dr. Mukesh Kumar
87.	ResinElix: An Innovative approach to Caffeine Reduction in beverages using natural resin filtration	SSP 0061	05-07-2024	04-10-2025	24.597 Tata Consumer	Sh. Saurav Kumar Pandey

					Products Limited, Bangalore	
88.	Development and Supply of Optical Gun sight for DO-008	SSP 0062	23-05-2024	22-05-2025	48.000 HAL, Kanpur	Dr. Harry Garg
89.	Development and Supply of Frangible Switch for Aircraft Crash Detection for Dornier-228 Aircraft	SSP 0063	11-02-2025	10-02-2027	62.629 HAL, Korwa	Dr. Ranjan Jha

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.	Development of Anti-Glare Filter Module for MTK Camera System	TSP 0030	30.11.2020	28.02.2021	1.24095 Indian Navy, Mumbai	Dr. Mukesh Kumar
2.	Optical Subsystem Assembly & Alignment	TSP 0036	17.05.2022	16.11.2022	4.63925 L&T Defence, Mumbai	Dr. Shravan Kumar RR
3.	Characterisation and Testing of Hydrophone Sensor	TSP 0038	22.02.2023	21.05.2023	2.31553 M/s Altair Infrasec Pvt. Ltd., Pune	Dr. Ripul Ghosh
4.	Grid Anti-islanding Tests for Solar Micro- inverters as per IEC 62116 standard under CRTDH	TSP 0039	02.02.2023	23.02.2023	1.700 Kripya Technologies India Pvt. Ltd.	Shri R Venumadhav
5.	Technical services for maintenance of Earthquake Warning System installed at DMRC	TSP 0040	16.03.2023	15.03.2026	9.540 M/s Engineers India Limited (EIL), New Delhi	Dr. Ripul Ghosh
6.	Fabrication and Supply of Anti-Glare Filter assembly for MTK Camera System	TSP 0043	09.01.2024	08.04.2024	1.381 Indian Navy, INS Vikramaditya, Naval Base, Karwar, Karnataka	Dr. Mukesh Kumar
7.	Technical evaluation and Validation of Automated Grain Analyzer	TSP 0044	13-08-2024	12-02-2025	11.908 FCI, New Delhi	Sh. Amitava Das

Internally Funded Projects

(Rs in lakhs)

S. No.	Title of the Project	Project Number	Date of Start	Probable Date of Completion	Total Commitment	Project Leader
1.	An Aerial Electrostatic Spraying for Locust and Pest Control	EMR0004	01-04-2022	31-03-2027	25	Dr. MANOJ K PATEL
2.	Development of Customized Therapeutic footwear & Classification of Diabetic foot Ulcer risk using Gait Abnormalities	FBR010304	13-05-2024	31-03-2026	31.72	Dr. NAVEEN SHARMA
3.	The development of Photovoltaic/Thermal (PV/T) Collector for the generation of electricity and hot water	FBR040304	01-04-2024	31-03-2026	20	Dr. MUKESH KUMAR
4.	Metasurface- enabled Augmented reality display for strategic sector	FIR010302	23-07-2024	31-03-2026	94.424	Dr. SUDIPTA SARKAR PAL
5.	Design and Development of Silicon Photonics based Multi-channel Optical Transceiver	FIR010303	23-07-2024	31-03-2026	95.556	Dr. VINOD PARMAR
6.	Holographic Waveguide-based Displays for Augmented Reality Applications	FTT010506	01-04-2024	31-03-2026	125.72	Dr. RAJ KUMAR
7.	Development of Foam Based Microwave Absorber for Broadband Hybrid RAS Design	FTT010507	07-05-2024	31-03-2026	86.82	Dr. SACHIN TYAGI
8.	Fuel Cell E- tractor: Development of Drive Train	FTT060504	01-04-2024	31-03-2026	26.94	Dr. MUKESH KUMAR
9.	Phenome India CSIR Health Cohort Knowledge base	HCP0047	18-11-2022	31-03-2027	25.75	Dr. SUMAN SINGH
10.	Millet- Sustaining Health through Research and Innovation by Analysis of Nutrients and Nutraceuticals to achieve global Awareness (SHRI ANNA)	HCP0052	18-07-2023	31-07-2025	70	Dr. SUMAN SINGH

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11.	Region Specific Smart Agrotechnologies for enhancing soil and plant health(RSSA)	HCP0057	15-09-2023	31-03-2026	261.082	Dr. B S BANSOD
12.	CSIR Jigyasa 2.0 Program: Virtual Laboratory Integration (CJVL)	HCP0101	29-09-2021	31-03-2026	49.36	Dr. NEERJA GARG
13.	Development of deep Learning-based technique for Grasp pattern recognition in prosthetic hand	IHP240001	26-06-2024	31-03-2026	18.36	Dr. SRIKANTH VASAMSETTI
14.	Robust and aesthetic design of passive trans-phalangeal prosthesis	IHP240002	20-06-2024	31-03-2026	16.212	Mr. S ANUP CHANDER
15.	Development of affordable plastic Low-vision Aid with high diopter lenses for Visually Impaired	IHP240003	26-06-2024	31-03-2026	16.69	Dr. MUKESH KUMAR
16.	Development of Divyanayan V2.0- A Personal Reading Machine for the Visually Impaired	IHP240004	20-06-2024	31-03-2026	19.96	Mr. ASHISH GAURAV
17.	Design and Development of indigenous behind-the-ear (BTE) hearing aids	IHP240005	20-06-2024	31-03-2026	19.279	Dr. RANJAN KUMAR JHA
18.	Development and performance testing of a metal hydride reactor for hydrogen storage	IHP240006	26-06-2024	31-03-2026	20	Mr. AJAY YADAV
19.	Development of electrically controlled tunable frequency generation in Silicon nitride waveguides	IHP240007	20-06-2024	31-03-2026	19.462	Mr. SATYA PRATAP SINGH
20.	Trace H2S gas sensing using Tunable Diode Laser Absorption Spectroscopy(TDLAS) for industrial /strategic applications	IHP240008	20-06-2024	31-03-2026	19.28	Mr. SURJIT KAMAN
21.	Design and development of conductive Atomic Force Microscope (C-AFM)	IHP240009	26-06-2024	31-03-2026	18.18	Mr. VIKASH CHANDRA
22.	Design and development of SERS-based microfluidic device for detection of adulterants in milk	IHP240010	20-06-2024	31-03-2026	19.412	Dr. VINOD PARMAR

S. No.	Title of the Project	Project Number	Date of Start	Probable Date of Completion	Total Commitment	Project Leader
23.	Design, Development and Supply of LED Luminaires for Civil Aircraft	MLP2016	05-02-2021	20-08-2025	130.132	Dr. SHRAVANA KUMAR R.R.
24.	National Micro-Nano Fabrication Centre for Optics & Photonics	MLP2027	06-01-2022	05-07-2025	4561	Dr. SUDIPTA SARKAR PAL
25.	Developing Expertise and Leveraging Terahertz technology advancements in CSIR (DELTA)	MMP015201	01-04-2024	31-03-2027	496.954	Dr. NAVEEN SHARMA
26.	Indigenous Development and manufacturing of machines, devices and assembly lines	MMP015202	20-08-2024	31-03-2027	312.236	Dr. NEELESH KUMAR
27.	Ultra-precise on-machine metrology (OMM) system for optical fabrication of freeform optics	NCP010302	13-05-2024	31-03-2026	58.05	Dr. NEHA KHATRI
28.	Design and Development of Intelligent Deposition Head (IDH) for Laser-based blown Powder Directed Energy Deposition (LP-DED)	NCP040306	02-05-2024	31-03-2026	39.695	Dr. SANJIT KUMAR DEBNATH
29.	Development of Micro Vapor Cycle Cooling System (MVCCS)	OLP0308	11-09-2024	10-09-2025	8	Mr. SUPANKAR DAS
30.	Development of hydrogels nanocomposites-based device for combating antimicrobial infection in wounds	OLP0309	11-09-2024	10-05-2025	4	Dr. ABHAY SACHDEV
31.	Ultra-thin absorbers for stealth applications	OLP0310	11-09-2024	10-07-2025	6	Ms. NISHA YADAV
32.	Flat lens design for imaging applications	OLP0311	11-09-2024	10-08-2025	5.5	Ms. ISHANI
33.	Design and Development of vibration isolation technology for portable electronic modules with quasi zero stiffness characteristics using thickness modulated bistable curved beam	OLP0312	11-09-2024	10-07-2025	10	Mr. R VENUMADHAV

S. No.	Title of the Project	Project Number	Date of Start	Probable Date of Completion	Total Commitment	Project Leader
34.	Dual-action MRF-Bonnet Polishing System for On-Machine Corrective Polishing	OLP0313	11-09-2024	10-07-2025	8	Dr. VINOD MISHRA
35.	Development of the dialysis machine for the haemodialysis of chronic kidney disease patients	OLP0314	01-02-2025	31-07-2025	8.5	Mr. ARINDAM CHATTERJEE

