

SI No.	Project Code	Title of the Project	Start Date	End Date
1	FBR080302 W1	Fabrication of Vertically Alligned Graphene / Ppy on carbon fibre / fabric electrodes for flexible wearable supercapacitor	01-04-2024	31-03-2026
2	FBR080302 W2	Cranio-maxilofacial devices decorated bioactive layer for enhanced osteointegration with antimivrobial properties	01-04-2024	31-03-2026
3	FTT030501	Propylene Carbonate from Carbon Dioxide	01-04-2024	31-03-2026
4	FTT060502	Development of efficient scale-up strategies for indigenous alkaline anion exchange membranes (AAMEs) for water electrolyzers.	01-04-2024	31-03-2026
5	FTT060503	Scale up of short side chain PFSA composite membrane for low humidity polymer electrolyte fuel cells.	01-04-2024	31-03-2026
6	FTT060504	Fuel Cell E-tractor: Development of Drive Train	01-04-2024	31-03-2026
7	FTT020511	Electrochemical-based Eco-friendly Recovery of Bioactive Compounds and Polymers from Seaweeds.	01-04-2024	31-03-2026
8	FTT080503	Development of light weight Mg based AP65 and AZ31 alloys for defence and strategic applications	01-04-2024	31-03-2026
9	FTT080504	Light weight Automotive component from indigenously developed 6063 Aluminium Alloy Powder by Additive Manufacturing	01-04-2024	31-03-2026
10	MMP035201 W1 (WP1)	Development of superhydrophobic nanocomposite coating for leather	01-04-2024	31-03-2027
11	MMP035201 W2 (WP1)	Thermoregularative and Fire-retardant Fabrics for Industrial and Military Applications	01-04-2024	31-03-2027
12	MMP035201 W3 (WP2)	Doped-silicon carbide coatings on complex shapes using preceramic and their blends.	01-04-2024	31-03-2027
13	MMP035201 W4 (WP2)	Large Scale Production of SiC suitable for hard Armour Panels through carbothermal and magnesiothermic reduction techniques	01-04-2024	31-03-2027
14	MMP035201 W5 (WP3)	Process Development for Extraction of Magnesium Chloride (MgCl ₂) from seawater bitterns and convert it into Magnesium (Mg) metal.	01-04-2024	31-03-2027
15	MMP035201 W6 (WP3)	Fabrication of Engineered Reusable Adsorbents for Sr from Brine Sources	01-04-2024	31-03-2027
16	MMP035201 W7 (WP4)	A Novel Composite Coating System for High Temperature Corrosion Resistance Applications	01-04-2024	31-03-2027

17	MMP035201 W8 (WP4)	Development of a Two-coat system with active corrosion protection and improved weathering stability as a replacement for the three-coat system for C-4 and C-5 corrosivity categories.	01-04-2024	31-03-2027
18	MMP035201 W9 (WP4)	High Temperature Gradient Aerogel based Thermal Insulation Coatings for Helicopter Components	01-04-2024	31-03-2027
19	PPP240001	Pilot Scale Molten Salt Electrowinning of Light Metal and Rare Earths	07-05-2024	31-03-2026
20	FBR030301	Electrochemical synthesis of organic intermediates: synthesis of 3,4,5- trimethoxy benzaldehyde (TMBA), 4-tert-butylbenzaldehyde (TBBZA) from their corresponding toluenes and p-benzoquinone (p-BQ) and 1,4- hydroquinone (HQ) from phenol	03-05-2024	31-03-2026
20	IHP002401	Design and development of 12 V Mechanically Rechargeable Zinc and Aluminium-air Batteries	14-05-2024	31-03-2026
22	IHP002402	Electro winning of Green Fe and Cr from their metal salts extracted from Ferro-chrome slag	14-05-2024	31-03-2026
22	IHP002403	Process Development for the Paired Electrosynthesis of Phthalide 4- tertbutylbenzaldehyde and Phthalide Toluylaldehyde Dimethylacetal	14-05-2024	31-03-2026
23	IHP002404	Imaging of Functional Interface: A Scanning Tunneling Microscopic Study	14-05-2024	31-03-2026
24	FBR070303	Self-Powered Flexible Electrodes for Biosensor Applications and for Disease Analysis	21-05-2024	31-03-2026
25	MMP 085201	Battery to Battery: Recovery of Metal value from Spent Lithium-Ion Batteries and Fabrication of New Lithium Ion Batteries	05-07-2024	31-03-2027
26	FBR060301	Development of highly efficient visible light driven photo catalyst: A thin film approach for solar hydrogen production.	01-07-2024	31-03-2026
27	NCP060302	Ultra-Low Platinum Alloy Catalyst for Polymer Electrolyte Membrane Fuel Cells.	01-07-2024	31-03-2026
28	FBR060303	State of Health Forecasting of Battery using AI methods.	01-07-2024	31-03-2026
29	MMP 085202	Mapping and Tapping of Critical Metals & Minerals (MapTapCrM)	25-07-2024	31-03-2027
30	FIR060304	Decoupled Water Electrolyzer for Independent Hydrogen and Oxygen Production	25-07-2024	31-03-2026

31	FIR060305	Understanding the Site-specific Activity and Rational Designing of Non-noble metal oxide-supported Single atom Catalysts: A Time-resolved Electrochemical Tip-enhanced Raman Spectroscopy study	25-07-2024	31-03-2026
32	FIR080304	Exploring the Lead free and highly stable halide perovskites for ultra-sensitive UV photodetector applications	25-07-2024	31-03-2026
33	MMP015202	Indigenous Development and Manufacturing of Machines, Devices and Assembly lines.	23-08-2024	31-03-2027
34	MLP000088	Upscaling of Neodymium Metal/ Nd-Pr production along with other Rare Earth Metals (La, Ce) and their Alloys by Molten Salt Electrolysis Routes	29-09-2023	31-03-2026
35	HCP00054 M1	Technology for extraction of rare earth metal from waste NdFeB magnets as Mixed rare earth oxides, salts, and alloy through hydro, pyro, bio-hydro and electrometallurgical route	31-08-2023	31-03-2026
36	HCP00054 M2	Improvement of biomethanation and enrichment of biogas (Bio-CNG) in Himalayan regions	31-08-2023	31-03-2026
37	HCP00056	Recovery of Lithium from Potential Indian Primary Resources for Battery Applications	31-08-2023	31-03-2025
38	HCP-53	Redox Flow Battery (RFB)	19-07-2023	31-03-2025
39	HCP-48 M1	Synthesis and screening of bench mark adsorbent for CO2 capture under flue gas	15-05-2023	31-03-2025
40	HCP-48 M2	Development of carbonated bricks and aggregates for utilization of captured CO2	15-05-2023	31-03-2026
41	HCP-48 FBR	Direct air capture of CO2 using phase-change amines and adsorption	15-05-2023	31-03-2026
42	MLP 0407	Indigenous Development of Processes and Materials for Highly Efficient and St	25-04-2023	31-03-2025
43	MLP 0406	Cobalt-Free and Low cobalt, High-Capacity cathodes for Lithium-Ion Batteries	25-04-2023	31-03-2025
44	MLP 0405	Development of Electrically Rechargeable Zinc Air Batteries	25-04-2023	31-03-2025
45	MLP 0404	Alternate fluoride and sulphide based cathode materials for Thermal Batteries	25-04-2023	31-03-2025
46	HCP-27	CSIR Innovation Centre for Next Generation Energy Storage Solutions	07-05-2020; 23-09-2022	31-03-2024
47	MLP-0401	Development of Eco-efficient synthetic lightweight aggregates (EESLAs) using C	13-09-2022	31-08-2025

48	MLP 0402	Development of hard chromium plating process using sulphate based electroly	23-09-2022	22-09-2024
49	HCP-47	Phenome India-CSIR Health Cohort Knowledgebase (PI-CheCK)	04-08-2022	31-03-2027
50	HCP-0042	CSIR Mission Mode Project on AI-enabled Technologies & Systems (AITS)	15-06-2022	31-03-2025
51	HCP-44 (M1)	Hydrogen Generation: Electrolysers for Hydrogen Generation - Development of next generation water electrolyser to generate green hydrogen (DELTAGH)	01-04-2022	30-09-2024
52	HCP-44 (M2)	Next Generation Low Temperature Proton Exchange Membrane Fuel Cell	01-04-2022	30-09-2024
53	HCP-44 (FBR1)	Indigenous Proton Exchange Membrane for Polymer Electrolyte Fuel Cells	01-04-2022	30-09-2024
54	HCP-44 (FBR2)	Demonstration and validation of Indigenously developed electrocatalyst for polymer electrolyte fuel cells	01-04-2022	30-09-2024
55	MLP-0401	Development of Eco-efficient synthetic lightweight aggregates (EESLAs) using C	13-09-2022	31-08-2025
56	HCP00047	Phenome India-CSIR Health Cohort Knowledgebase (PI-CheCK)	04-08-2022	31-03-2027
57	HCP00042	CSIR Mission Mode Project on AI-enabled Technologies & Systems (AITS)	15-06-2022	31-03-2025
58	HCP00044 M1	Hydrogen Generation: Electrolysers for Hydrogen Generation - Development of next generation water electrolyser to generate green hydrogen (DELTAGH)	01-04-2022	30-09-2024
59	HCP00044 M2	Next Generation Low Temperature Proton Exchange Membrane Fuel Cell	01-04-2022	30-09-2024
60	HCP00044 FBR1	Indigenous Proton Exchange Membrane for Polymer Electrolyte Fuel Cells	01-04-2022	30-09-2024
61	HCP00044 FBR2	Demonstration and validation of Indigenously developed electrocatalyst for polymer electrolyte fuel cells	01-04-2022	30-09-2024
62	NWP00100	CSIR Integrated Skill Initiative – Phase II	29-06-2021	31-03-2025
63	HCP 0101	CSIR Jigyasa 2 Virtual Laboratory Integration Project	14-09-2021	31-03-2025

64	HCP-36	Developemnt of plasma sprayed thermal brrier coatings for nozzle guide vanes of small gas turbine; Development of highly adherent erosion and corrosion resistant alloy/ceramic ultrathin multi-layered coatings for aircraft components	09-12-2021	31-03-2025
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