

Sl No.	Project Code	Title of the Project	Theme	Category
1	MLP 0301	Design and development of electrodes to generate hydrogen peroxide	Chemicals	FTT
2	MLP 0302	Aerogel based thermal protection systems for nozzle surfaces in space and aerospace applications	Aerospace (AEISS)	FTT
3	MLP 0303	Development of eco-friendly tri-valent chromium plating process	Aerospace (AEISS)	FTT
4	MLP 0304	Design and development of Indigenous Smart Battery Management System for Energy Storage and E-vehicle applications electrodes.	Energy (E2D)	FTT
5	MLP 0305	Refurbished cathode material from spent lithium-ion batteries: a direct approach towards renewable feed stock	Energy (E2D)	FTT
6	MLP 0306	Fabrication of 12 V, 500 F supercapacitor device assembly	Energy (E2D)	FTT
7	MLP 0307	Development of 250 W direct methanol fuel cell stack with in-house Nafion based hybrid membranes for portable and strategic applications	Energy (E2D)	FTT
8	MLP 0308	Homocysteine specific novel sensor for diagnostic use	Healthcare	FTT
9	MLP 0309	Superhard Nanocomposite coatings by PVD onto automotive chain pins/ cutting tools	4M	FTT
10	MLP 0310	Indigenous development of phosphors for image intensifier tubes	4M	FTT
11	MLP 0311	Functional bio-degradable polymers with anti-bacterial properties for tissue engineering applications	4M	FBR
12	MLP 0312	Reclamation of spent platinum group metals utilizing hazardous exhaust from plating baths	4M	FBR
13	MLP 0313	Computationally aided synthesis of artificial receptors: Biomimetic molecularly imprinted polymers (MIPs)	4M	FBR
14	MLP 0315	Tailored 2D supramolecular self-assembled architectures for investigating on-surface catalysis (FBR)	Chemical	FBR

15	MLP 0316	Sustainable Electrochemical Conversion of CO ₂ to Methanol using Highly Selective Catalytic Electrode/GDE (FBR)	Chemical	FBR
16	HCP 26	Surface modification of Ti alloy implants with bioactive, antibacterial & anticorrosive properties	Medical Instruments and Devices	Mission
17	HCP 27	CSIR Innovation Centre for Next Generation Energy Storage Solutions (ICeNGESS)	Energy (E2D)	Mission
18	HCP 30	Development of Advanced Materials and Devices for Opto-electronic, Biomedical and Strategic Application	Adv.Materials	Mission
19	MLP 0318	Tailoring the graphene reinforced PEEK composite based filament for 3D printable structural components (FBR)	Aerospace (AEISS)	FBR
20	MLP 0319	Perovskite Materials for Light Emitting Diode (LED) and Solar Cell (PSC)	Energy (E2D)	FBR
21	MLP 0320	Organic radical energy storage devices	Energy (E2D)	FBR
22	MLP 0321	Development of electrodes and electrolytes for water electrolysis to generate hydrogen	Energy (E2D)	FBR
23	MLP 0322	High energy density, low cost and environmentally benign redox flow batteries for bulk storage of electricity	Energy (E2D)	FBR
24	MLP 0323	Development of precious metal single atom catalyst and its theoretical validation for low cost polymer electrolyte Fuel Cells	Energy (E2D)	FBR
25	MLP 0324	Extreme fast charging Li-ion battery for E-mobility application	Energy (E2D)	FBR
26	NWP 100	CSIR Skill Initiative	SKILL	SDG
27	HCP 0101	CSIR Virtual Laboratory	Virtual Lab	CVL
28	HCP-36	Development of plasma sprayed thermal barrier 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	AMT	Mission
29	MLP 0325	Point of use (POU) filters for Arsenic remediation in drinking water	E3OW	FBR

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