

S.No.	Project.No.	Project Title	Start Date	End Date	Contract Value in lakhs
1	CLP 0222	Study on Performance Improvement of Coking coal Washery under Coal India Ltd through Modelling and Simulation Analysis.	01-04-22	31-03-24	169.5424
2	CNP 0184	Consultancy on Equivalent standards applicable for Russian Grades	27-10-22	30-04-23	7.08
3	GAP 0283	Development of Innovative Hydrometallurgical process for extraction of rare earth elements from metallurgical and chemical process wastes (Innova-Rare)	01-04-20	18-03-24	41.28435
4	GAP 0286	Effect of processing parameters on cryo impact properties of cast alloys	26-03-21	25-09-23	30.12
5	GAP 0290	Civil Estimation /BOQ of four number of DPR for brass and bell metal clusters.	17-01-22	16-04-23	7.08
6	GAP 0291	Technology development at pilot scale for energy-efficient production of medium carbon ferromanganese in electric arc furnace.	23-02-22	22-02-24	165
7	GAP 0293	Recovery of lithium minerals concentrate from lepidolite bearing pegmatite	01-03-22	29-02-24	21.312
8	GAP 0294	SERB National Post Doctoral Fellowship to Dr. Vikas Shivam	10-02-22	09-02-24	19.2
9	MLP 3126	Unveiling the abnormal grain growth mechanism in Grain Oriented Silicon steels.	03-01-22	31-03-24	95.5
10	MLP 3127	Mitigation of Wettability issues during galvanization of advanced high strength (> 1000 MPa) steels in steel industries.	01-04-21	31-03-24	50
11	MLP 3128	Precipitation hardened compositionally complex alloys (CCAs) aided with hetero-deformation induced (HDI) strengthening.	30-12-21	31-03-24	46.5
12	MLP 3135	Development of a Multi-strand sensing device with closed loop feedback control for Real-time Zinc Coating weight measurement in GI line	08-09-22	07-09-23	59.64

13	OLP 0386	The behaviour of mould flux for high AL steels during the continuous casting process. (Module I and Module II)	16-10-20	30-09-23	2.95
14	OLP 0391	Designing of magneto-plasmonic graphene material and its multimodal application in catalysis (Module 1), (Module 2) & (Module 3)	01-04-21	30-11-23	231
15	OLP 0398	Processing of Glassy Metal Powders through Gas Atomization for Additive Manufacturing Applications	01-11-21	30-09-23	3.55
16	OLP 0399	Enhancement of molten salt corrosion resistance of thermal energy storage materials in a concentrated solar power plant through dropping inhibitors	01-11-21	30-09-23	9.3
17	OLP 0404	Flow Accelerated Pipeline Corrosion (Module-I): Probing the FAC mechanisms of API 5L grade steels through gravimetric and different electrochemical techniques Flow Accelerated Pipeline Corrosion (Module-II): Microstructure & FAC behavior correlation in API 5L grade steels; Effect of different Fe-C phases & phase fractions	01-11-21	30-09-23	5.55
18	OLP 0409	Revamping In-house Project Management System (CSIR-NML-IPSG) Phase III	01-06-22	2024-00-30	5.9
19	OLP 0410	Low-Temperature Glow Discharge Plasma Nitriding of Aluminum/Aluminum Alloys	14-04-22	30-09-23	7.6
20	OLP 0411	Low cycle fatigue behaviour of an additively manufactured Ni-base superalloy IN-625	14-04-22	31-07-23	17.4
21	OLP 0412	Influence of precipitation on the threshold intensity factor for environmental assisted cracking of AA 5083-H111	14-04-22	30-09-23	11.14
22	OLP 0415	Near net shape 3D manufacturing of Inconel 718 by optimizing controlled parameters of wire arc additive manufacturing with Cold metal transfer process.(Module I)(Module II)	01-04-23	31-03-24	5.7

23	OLP 0422	Development of a MoU management System	01-12-21	31-07-23	2.825
24	OLP 0423	Development and integration of semi-automatic melt ejection and ancillary units for 5 Kg Planar flow casting (PFC) system	01-05-22	30-09-23	14.85
25	OLP 0424	Characterisation and corrosion behaviour of potential anode material for Al-air battery	01-12-22	30-09-23	12.1975
26	OLP 0425	Synthesis, Characterization and Application of Amine Functionalized Metal Organic Framework materials (MOFs) in post combustion CO2 capture and Photo catalytic CO2 conversion to valuable products	01-12-22	30-09-23	22.475
27	OLP 0426	Development of Metal-organic Frameworks based Composites as Electrocatalysts for Energy Generation and CO2 storage	01-12-22	30-09-23	25.85
28	OLP 0427	Design and development of Nano-filtration membrane for salt rejection/pre-concentration from hydro-metallurgical effluent	01-12-22	30-09-23	8.3
29	OLP 0428	Electrochemical conversion of CO2 to Value added product	01-12-22	30-09-23	2.3
30	OLP 0429	Recycling and utilization of waste solar panels for critical metals and valuable products	01-12-22	30-09-23	2.3
31	OLP 0430	Thermodynamics and Kinetic Investigation on the Gas-Solid reduction of premixed lean grade Mn/Fe Ores	01-12-22	30-09-23	6.65
32	OLP 0431	Microstructure and Mechanical Property evolution of WAAM-ed Inconel 625 (Module-II)	01-12-22	30-09-23	1.7
33	OLP 0432	Microstructure and mechanical performance, kinetic and durability of inorganic polymer composites using a mixture of feldspathic solid solution and low fabrication clays	01-12-22	30-09-23	6.50004
34	OLP 0434	Process development for the recovery of tungsten (W) powder and copper (Cu) powder from hard W-Cu composite scrap	15-05-23	31-03-24	8.1875

35	OLP 0435	Effect of Cr-addition on corrosion resistance of linepipe steels and subsequent corrosion mechanisms	01-04-23	31-03-24	12.415
36	OLP 0436	Green Steel Making in Induction Furnace/Electric Arc Furnace using Hydrogen based DRI	01-10-22	30-09-23	28.08
37	OLP 0437	Flotation kinetics and feasibility studies of silica reduction from pre-concentrate of JSW BHQ ore processing pilot plant using froth flotation	01-04-23	31-03-24	10.35
38	OLP 0438	Understanding the occurrence of Rare Earth Elements and Yttrium within coal beds, partings, and overburden (Module-1)	15-05-23	31-03-24	3.975
39	OLP 0439	Residual stress measurement of Wire Arc Additive Manufactured Built using Contour method.	15-05-23	15-11-23	3.73
40	OLP 0440	Mechanical, wear, and thermal behavior of reduced graphene (rGO), silicon carbide (SiC) and alumina hybrid reinforced aluminium matrix composites	07-03-23	18-08-23	39.80002
41	SSP 1082	n-line Oxide Scale Removal of Wires using Ultrasonic Assisted Electrochemical Technique (UAET)	10-08-17	30-04-23	30.68
42	SSP 1098	Preparation of DPR on modernization and improving mineral recovery in Mineral Separation Plant of M/s KMML.	20-06-22	30-06-23	53.1
43	SSP 1099	Preparation of DPR on wet concentration plant No.1 Upgradation & separating sillimanite rich fraction from head concentration plants No.1 & No.2 for sillimanite recovery circuit in MS plant of M/s M/s Kerala Minerals and Metals Limited.	29-06-22	30-06-23	35.4
44	SSP 1100	Failure Investigation of Molybdenum Electrode in the Glass Melting Furnace	07-07-22	06-07-23	5.9
45	SSP 1147	Twinning on Capacity Building to Transform Metal Industry Development Institute (MIDI)	01-04-18	30-09-23	883.75
46	SSP 1148	Sample collection and analysis for determination of quality/grade of slurry/rejects and washed coal powder stocks.	01-07-18	30-06-23	144.95894

47	SSP 1171	Characterization of BCCL Coal Mines	15-12-18	14-11-23	138.60516
48	SSP 1184	Investigations of Fracture and Fatigue Crack Growth Rate Behaviour of Aero Engine Fan Disk of Ti-6Al-4V Alloy	04-02-19	31-01-24	95.96383
49	SSP 1205	Evaluation of Grade of SECL mines	01-04-21	31-03-24	91.804
50	SSP 1236	Coal Quality Assessment of Maharashtra State Power Generation company Ltd.(SSP-1236)	23-11-20	23-11-23	79.66116
51	SSP 1237	XRF and ICP-MS analysis of NGCM samples	01-07-20	30-06-23	107.1204
52	SSP 1259	Roasting and Hydrometallurgical Processing of Coal Slag	01-12-20	31-07-23	95
53	SSP 1260	Smelting of Vanadium pentoxide for Preparation of Ferro-vanadium (FeV) (SSP 1260)	01-12-20	30-04-23	50
54	SSP 1261	Grade Declaration of Referee Samples of CCL Area (SSP 1261)	14-12-21	14-12-23	74.41881
55	SSP 1275	Thermo-Mechanical Processing and Cold Rolling of Medium carbon High Manganese Alloy Steels	01-04-21	30-06-23	70.2454
56	SSP 1280	Evaluation of used centre buffer coupler party	08-06-21	31-12-23	20.06
57	SSP 1283	Elevated temperature tensile and creep deformation behaviours of different grades of steels.	01-04-22	31-03-24	4.956
58	SSP 1290	Corrosion behaviour of different rail steels in varied environments (SSP 1290)	03-08-21	30-04-23	29.5
59	SSP 1296	Faligue crack growth evaluation of RDCIS rail steel samples	08-12-21	08-12-23	17.7
60	SSP 1302	Development of Process for Large Scale Production of Electrolytic Mn Metal(EMM) from MnSO4 Liquors of MOIL Ltd.	03-03-22	30-06-23	34.5504
61	SSP 1310	Metallurgical Failure Investigation of Horizontal Web Plate Girder of Gates of Farakka Barrage	10-06-22	31-07-23	9.44
62	SSP 1311	Generating Forming Limit Diagram (FLD) of Hot and Cold Rolled (HR & CR) Steel Sheets using Nakajima Test	11-03-22	31-12-23	16.52
63	SSP 1315	Process of Recovery of Nickel and Copper from Monel Scrap	15-04-22	14-04-23	11.8
64	SSP 1316	Metallurgical failure investigation of API L80 grade seamless tube	02-05-22	07-07-23	5.9

65	SSP 1317	Remaining Life Assessment of Ammonia-II Reformer Tube	11-04-22	31-12-23	11.8
66	SSP 1320	Smelting tests in submerged arc furnace to investigate the melting behavior of chromite tailing briquettes	15-07-22	14-07-23	8.85
67	SSP 1321	Destructive test and Analysis for establishing Life Estimation Matrix (LEM) of Vikramaditya Boiler Tubes	12-08-20	31-12-23	56.05
68	SSP 1324	Creep and stress rupture property evaluation of 16M03 grade material at 530°C	09-06-22	31-05-23	6.136
69	SSP 1328	Vacuum Treatment of High Silicon steels with Nb and Al	30-06-22	30-04-23	9.44
70	SSP 1334	Processing of High Ash & high Sulphur containing Lignite Coal from GMDC	15-07-22	31-12-23	61.2892
71	SSP 1336	Deformation study of API grade materials for marine pipe line application	27-05-22	29-12-23	7.08
72	SSP 1337	Calcined colemanite / calcined ulexite addition in pelletizing hematite ore to develop pellet for using in blast furnace	15-09-22	31-01-24	44.84
73	SSP 1338	Plant trial on chemical treatment of rebar to improve the corrosion resistance using 500 kg of NML DeRust chemical	01-12-22	30-11-23	5.9
74	SSP 1341	Metallurgical Investigation of Damaged Magnet Frame and Sandwich Mounting Assembly of Traction Motor Related to the Derailment of Train No.15633 UP (Bikaner-Guwahati Exp.)	15-09-22	14-02-24	9.44
75	SSP 1342	Bench scale evaluation, LCT and mineralogical characterization studies of Meghnagar rock phosphate ore.	01-09-22	30-11-23	18.17495
76	SSP 1343	Desulphurization of hot metal in induction furnace	03-10-22	30-06-23	5.9
77	SSP 1344	Dephosphorization of hot metal in induction furnace	03-10-22	31-08-23	5.9
78	SSP 1349	Processing of Lead concentrate using desliming hydrocyclone and multi gravity separator towards improving its quality by reducing graphitic carbon in the concentrate.	04-01-23	31-12-23	10.62

79	SSP 1351	Failure analysis of rollers in slew bearing & Raceways in slew bearings of GOTTWALD make Harbour Mobile Crane	07-09-22	06-09-23	9.912
80	SSP 1362	Feasibility study on reduction of Mn ores	24-01-23	31-03-24	16.992
81	SSP 1365	Metallurgical failure investigation of Inner Rocker Arm of Flap No. 05 (RH) at starboard upper air intake of MiG-29	15-03-23	31-03-24	4.13
82	SSP 1366	Root Cause Analysis of Failures in 18" OD API 5LX-70 HFERW Linepipes	16-02-23	15-02-24	20
83	SSP 1367	Development of Advanced Galvanising Coatings	01-11-22	31-10-23	14.396
84	SSP 1369	Evaluation of Microstructure & Mechanical Properties of Fire Exposed Absorber Material of Unit #1 of NTPC	15-03-23	14-03-24	6.9384
85	SSP 1371	Feasibility study on reduction roasting of high-iron bauxite ore	16-05-23	31-12-23	12.98
86	SSP 1378	Energy Efficient Coke-based Brass and Bell Metal Melting Furnace of Capacity 50 kg for Brassware Artisans	01-07-23	30-09-23	0.295