

Ongoing Project During April 2022-March 2023

Project.No.	Project Title	Start Date	End Date	Contract Value
COLLABORATIVE PROJECTS				
CLP 0192	Development of process for real time temperature mapping of 4 faces of the billet mould using densely multiplexed Fiber Bragg Grating (FBG) sensor.(CLP-0192)	01-11-2017	31-12-2022	17.70000
CLP 0216	Optimisation of FBG sensors requirement for locating the critical zone of Blow pipe	19-03-2020	30-11-2022	18.76200
CLP 0217	Temperature mapping of Down-comers of Pellet plant to identify the critical hot zone to avoid catastrophic failure	19-03-2020	31-03-2023	18.27230
CLP 0218	Sensor and device for on-line Zn weight measurement of GI wires	19-03-2020	31-12-2022	27.25800
CLP 0220	TECHNOLOGY DEVELOPMENT FOR HOLISTIC UTILIZATION OF RED MUD FOR EXTRACTION OF METALLIC VALUES & RESIDUE UTILISATION	01-10-2021	30-09-2024	137.95800
CLP 0221	Effective Utilization of Middlings and Fines of Coking Coal Washery for Recovery of Carbon Values.	10-12-2021	29-12-2023	126.52000
CLP 0222	Study on Performance Improvement of Coking coal Washery under Coal India Ltd through Modelling and Simulation Analysis.	01-04-2022	31-03-2024	169.54240
CONSULTANCY PROJECTS				
CNP 0135	Consultancy on design,erection and commissioning of flotation column at M/s Tata Steel, Belatinda Coal Preparation Plant	02-04-2019	31-12-2022	10.14446
CNP 0182	Consultancy on Preparation of Basic Engineering Package for 10,000 TPA EMD Plant at Dongri-Buzurg Site of MOIL Ltd.	10-12-2019	31-10-2022	29.50000
CNP 0183	Consultancy on improvement in recovery and purity of zinc metal produced from induction furnace dust	21-03-2021	30-11-2022	11.32800
CNP 0184	Consultancy on Equivalent standards applicable for Russian Grades	27-10-2022	30-04-2023	7.08000
GRANT-In-AID PROJECTS				
GAP 0265	Development & Fabrication of Cannon Liners for Explosive Testing	13-06-2017	28-02-2023	56.82894

GAP 0267	Amorphous Electrical Steel (AES) for Energy Application	30-10-2017	29-10-2022	3634.00000
GAP 0268	Development of cost-effective green technology for pre-reduction of chromite ore in tunnel Kiln & production of high carbon Ferro chrome in SAF	25-09-2017	30-06-2022	134.50000
GAP 0274	High Temperature Oxidation and Hot Corrosion behavior of selected materials for Clean Coal Technologies for Power Plant Applications	01-11-2018	31-03-2023	138.49200
GAP 0275	Creep-fatigue interaction behavior of ODS-austenitic steels and ODS-iron and nickel aluminides	01-11-2018	25-03-2023	295.59400
GAP 0276	Development of Advanced NDE based Diagnosis and Prognosis Protocols for A-USC Power Plants	01-11-2018	25-03-2023	209.75000
GAP 0277	Development of graphene based membranes from graphite ore for desalination(in Collaboration with CSIR NIIIST,Thiruvananthapuram)	01-01-2019	31-08-2022	17.73000
GAP 0281	Development of a Cost-Effective Refractory Lining Materials for Induction Melting Furnace Suitable for Production of Quality Steel: Phase II (Industrial Trials).	20-12-2019	30-11-2022	106.35000
GAP 0282	Structural engineering into 3D macroscopic architecture with hierarchical porosity for real application of energy storage devices	01-04-2020	01-04-2024	21.00000
GAP 0283	Development of Innovative Hydrometallurgical process for extraction of rare earth elements from metallurgical and chemical process wastes (Innova-Rare)	01-04-2020	31-03-2023	41.28435
GAP 0284	Management and operation of CSIR-NML Intellectual Property Facilitation Centre (IPFC) for MSME	01-08-2020	31-07-2025	100.00000
GAP 0285	Hot stage engineering of copper smelter slag for recovery of iron and subsequent use of resulting slag in blended cement	15-10-2020	14-10-2023	83.90639
GAP 0286	Effect of processing parameters on cryo impact properties of cast alloys	26-03-2021	25-09-2023	30.12000

GAP 0287	Investigation of creep crack growth rate and damage micro-mechanism of new generation high temperature material (IN617).	06-02-2021	06-02-2023	21.31200
GAP 0288	Women Technology Park (WTP) for capacity building and entrepreneurship development	17-07-2021	16-07-2024	52.60654
GAP 0289	Development of simple, cost-effective and scalable spray drying based synthetic strategy for inorganic nanostructured materials	17-07-2021	16-07-2024	24.62048
GAP 0290	Civil Estimation /BOQ of four number of DPR for brass and bell metal clusters.	17-01-2022	16-04-2023	7.08000
GAP 0291	Technology development at pilot scale for energy-efficient production of medium carbon ferromanganese in electric arc furnace.	23-02-2022	22-02-2024	165.00000
GAP 0292	Processing of Tin Slag and technological extraction of critical elements for High strength Low Alloy Steels	01-03-2022	28-02-2025	67.53100
GAP 0294	SERB National Post Doctoral Fellowship to Dr. Vikas Shivam	10-02-2022	09-02-2024	19.20000
GAP 0295	RECYCLING OF GRAPHITE FROM SPENT LITHIUM-ION BATTERIES FOR HIGH ENERGY LI-ION CAPACITORS	11-03-2022	10-03-2025	86.47000
GAP 0296	DEVELOPMENT OF NOVEL HYDROMETALLURGICAL TECHNOLOGICAL PROCESS FOR EXTRACTION AND SEPARATION OF SCANDIUM FROM TIN SLAG	01-06-2022	31-05-2024	40.00000
GAP 0297	Establishment of a Centre of Innovation & a Manufacturing Eco-System for Sensors (CIMES) in Industrial IoT.	13-06-2022	12-06-2027	78.34000
GAP 0298	Investigation on weldability of 8 and 20 mm thick high nitrogen steel with strength of about 800-1200 MPa	01-07-2022	30-06-2024	85.98100
GAP 0300	Grain boundary engineering for austenitic stainless steel processed by selective laser melting	06-02-2023	05-02-2026	64.35366
GAP 0301	Study of hydrogen degradation in advanced high strength steels(AHSS) for automotive applications	14-03-2023	13-03-2026	33.33312

GAP 0302	Intelligent Defect Identification and Classification Technique for Welded Assembly	13-02-2023	12-02-2026	44.36128
GAP 0303	Hybrid Heusler-Glassy Magnetic Alloy Composites for Caloric and Shape Memory Applications	21-02-2023	20-02-2026	40.43875
CSIR-PROJECTS				
MLP 3112	Development of advanced giant magneto-impedance (GMI) based sensor for structural health monitoring of engineering structure with enhanced area coverage.	01-04-2020	30-09-2022	50.00000
MLP 3115	Development of CS Analytical and Charpy Impact Toughness Physical Standard (CRM) in Steel	11-08-2020	30-09-2022	99.40000
MLP 3118	Development of fire resistant lightweight structural materials by hybridization of inorganic-organic polymers (MLP 3118)	01-09-2020	30-09-2022	40.00000
MLP 3119	Process development of high quality layered transition metal carbides/nitrides/carbonitrides (MAX)	01-04-2020	31-03-2023	50.00000
MLP 3120	Development of Tin-Selenide (SnSe) based thermoelectric thin films for waste heat recovery in metallurgical and other industries (MLP 3120)	01-04-2020	31-03-2023	70.00000
MLP 3121	Development of dry beneficiation process technology for low grade iron ore for iron and steel making	01-04-2020	30-09-2022	60.00000
MLP 3122	Big Data Assimilation and Synthesis for material creep degradation.	01-04-2020	30-09-2022	30.00000
MLP 3123	Thermodynamic and kinetic assessment of interfacial equilibrium conditions in multi-component based bulk nano-pearlitic steels.	01-09-2020	30-09-2022	40.00000
MLP 3124	Development of high ballistic strength armour steel with 2 GPa tensile strength and min 50MPa ^{1/2} fracture toughness.	01-04-2020	31-03-2023	96.00000
MLP 3126	Unveiling the abnormal grain growth mechanism in Grain Oriented Silicon steels.	03-01-2022	31-03-2024	95.50000

MLP 3127	Mitigation of Wettability issues during galvanization of advanced high strength (> 1000 MPa) steels in steel industries.	01-04-2021	31-03-2024	50.00000
MLP 3128	Precipitation hardened compositionally complex alloys (CCAs) aided with hetero-deformation induced (HDI) strengthening.	30-12-2021	31-03-2024	46.50000
MLP 3129	Electrodeposition of corrosion resistant Cr-carbide coatings on SS 316L for Sink Roll applications in Continuous Galvanizing Lines	08-09-2022	07-09-2024	40.00000
MLP 3130	Self-healing coating for corrosion protection of structural steel	01-08-2022	31-07-2024	76.00000
MLP 3131	TECHNOLOGY DEVELOPMENT FOR HOLISTIC UTILIZATION OF RED MUD FOR EXTRACTION OF METALLIC VALUES & RESIDUE UTILISATION	03-10-2022	01-10-2024	176.26005
MLP 3132	Holistic utilization of zinc dross for recovery of high value zinc products	08-09-2022	07-09-2024	145.00000
MLP 3133	Scale up study for the recovery of potash fertilizer and iron oxide from Indian glauconitic rocks	08-09-2022	07-09-2024	54.00000
MLP 3134	Indigenous Development of Benzoic Acid Reference Material for Calorimetry Analysis	08-09-2022	07-09-2024	54.40000
MLP 3135	Development of a Multi-strand sensing device with closed loop feedback control for Real-time Zinc Coating weight measurement in GI line	08-09-2022	07-09-2023	59.64000
In-HOUSE PROJECTS				
OLP 0378	characterization, Benefication and coke formation studies on low volatile coking coal for metallurgical utility (Module I)	01-04-2022	31-03-2023	3.70000
OLP 0380	Precipitation hardened compositionally complex Ni-based alloys aided with HDI strengthening	01-04-2022	31-03-2022	8.45000
OLP 0386	The behaviour of mould flux for high AL steels during the continuous casting process. (Module I and Module II)	16-10-2020	30-09-2023	2.95000
OLP 0389	Numerical modelling of heat transfer and fluid flow in Selective Laser Melting (SLM) of SS316L	01-06-2021	30-06-2022	2.57000

OLP 0391	Designing of magneto-plasmonic graphene material and its multimodal application incatalysis (Module 1), (Module 2) & (Module 3)	01-04-2021	31-03-2022	231.00000
OLP 0392	Multi Physics and Heat treatment Simulation of Additive Manufacturing Process for property prediction of SS316L	01-06-2021	30-09-2022	3.62000
OLP 0393	Investigations on the NMLS retort technology for magnesium metal production	01-06-2021	30-09-2022	9.30000
OLP 0395	Decarburization of high carbon ferroalloys by CO2 treatment	01-11-2021	30-09-2022	5.30000
OLP 0396	Production of iron powder/iron nugget from industrial waste by the process of segregation roasting	01-11-2021	30-04-2022	0.80000
OLP 0397	Feasibility study on producing DRI from lumps by using Hydrogen	01-11-2021	31-03-2023	5.97000
OLP 0398	Processing of Glassy Metal Powders through Gas Atomization for Additive Manufacturing Applications	01-11-2021	30-09-2023	3.55000
OLP 0399	Enhancement of molten salt corrosion resistance of thermal energy storage materials in a concentrated solar power plant through dropping inhibitors	01-11-2021	30-09-2023	9.30000
OLP 0400	Development of a hybrid centrifugal separator for application in mineral processing.	01-11-2021	30-09-2022	5.00000
OLP 0401	Investigate NML developed furnace compatibility with IIP bio-pellets	01-10-2021	30-04-2022	2.50000
OLP 0402	Development of electromagnetic sensor for real time health monitoring of structural components exposedto High-temperature (600c) (module I)	01-11-2021	30-09-2022	0.98751
OLP 0403	A study on hydrodynamics characteristics in separation of minerals in a monolithic flotation column (Module-I)	01-11-2021	30-09-2022	2.70000
OLP 0403	A study on hydrodynamics characteristics in separation of minerals in a monolithic flotation column	01-12-2022	30-09-2023	0.00000

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	01-11-2021	30-09-2023	5.55000
OLP 0405	Evaluation of mechanical property across fusion boundaries of dissimilar metal welds materials using ball indentation technique and co-relate with microstructural characteristics (Module 1)	01-11-2021	30-09-2022	0.00000
OLP 0406	Extraction and Separation of Rare Earth Elements through Porous Silica-Grafted Ligands	01-11-2021	30-09-2022	2.25000
OLP 0407	Oxidation and hot corrosion behaviour studies of Amed Inconel 625 & Inconel 718 alloys	01-11-2021	31-03-2023	6.80000
OLP 0408	UPSACALING OF AN ENERGY EFFICIENT PROCESS FOR THE RECOVERY OF METAL VALUE FROM SPENT NdFeB MAGNETS	01-11-2021	31-03-2023	6.30000
OLP 0409	Development of MoU management system	01-06-2022	31-03-2023	5.90000
OLP 0410	Low-Temperature Glow Discharge Plasma Nitriding of Aluminum/Aluminum Alloys	14-04-2022	30-09-2023	7.60000
OLP 0411	Low cycle fatigue behaviour of an additively manufactured Ni-base superalloy IN-625	14-04-2022	31-07-2023	17.40000
OLP 0412	Influence of precipitation on the threshold intensity factor for environmental assisted cracking of AA 5083-H111	14-04-2022	30-09-2023	11.14000
OLP 0413	Design and development of an in-house barrel electroplating system for coating Mg-based biodegradable implants	14-04-2022	13-10-2022	4.07500
OLP 0414	Beneficiation of lepidolite bearing pegmatite/aplite for lithium minerals concentrate	14-04-2022	31-03-2023	5.23501

OLP 0416	In-depth study of interfacial conditions during early stages of pearlitic transformation in multicomponent high carbon steels	14-04-2022	31-03-2023	2.44000
OLP 0417	Ratcheting fatigue behavior of welded Inconel 740H nickel-based superalloy under asymmetric cyclic loading	14-04-2022	31-03-2023	1.82451
OLP 0418	Investigation of hydrodynamics of gas solid fluidized bed in terms of angle of fluidization and separation chamber aspect ratio.	14-04-2022	31-03-2023	6.15000
OLP 0419	Development of Fe-rich cost effective High-Entropy Alloys for High Temperature Applications	14-04-2022	31-03-2023	1.32878
OLP 0420	Microstructural evolution of Superalloy Inconel 740H during Thermomechanical Processing	14-04-2022	31-03-2023	1.71000
OLP 0421	Preparation of a geopolymer-type binder from briquette ashes of Gher district in Ulaanbaatar city	14-04-2022	13-10-2022	1.42506
OLP 0422	Development of a MoU management System	01-12-2021	31-07-2023	2.82500
OLP 0423	Development and integration of semi-automatic melt ejection and ancillary units for 5 Kg Planar flow casting (PFC) system	01-05-2022	30-09-2023	14.85000
OLP 0424	Characterisation and corrosion behaviour of potential anode material for Al-air battery	01-12-2022	30-09-2023	12.19750
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	01-12-2022	30-09-2023	22.47500
OLP 0426	Development of Metal-organic Frameworks based Composites as Electrocatalysts for Energy Generation and CO2 storage	01-12-2022	30-09-2023	25.85000
OLP 0427	Design and development of Nano-filtration membrane for salt rejection/pre-concentration from hydro-metallurgical effluent	01-12-2022	30-09-2023	8.30000

OLP 0428	Electrochemical conversion of CO2 to Value added product	01-12-2022	30-09-2023	2.30000
OLP 0429	Recycling and utilization of waste solar panels for critical metals and valuable products	01-12-2022	30-09-2023	2.30000
OLP 0430	Thermodynamics and Kinetic Investigation on the Gas-Solid reduction of premixed lean grade Mn/Fe Ores	01-12-2022	30-09-2023	6.65000
OLP 0431	Microstructure and Mechanical Property evolution of WAAM-ed Inconel 625 (Module-I)	01-12-2022	30-09-2023	1.70000
OLP 0432	Microstructure and mechanical performance, kinetic and durability of inorganic polymer composites using a mixture of feldspathic solid solution and low fabrication clays	01-12-2022	30-09-2023	6.50004
SPONSORED PROJECTS				
SSP 1082	n-line Oxide Scale Removal of Wires using Ultrasonic Assisted Electrochemical Technique (UAET)	10-08-2017	30-04-2023	30.68000
SSP 1094	Metallurgical failure Investigation of boiler tubes of captive thermal power plants from Hindustan Zinc Limited, Rajasthan	18-03-2021	17-04-2022	7.32000
SSP 1095	FEASIBILITY STUDIES ON BENEFICIATION OF LOW GRADE GOAN IRON ORE	09-07-2021	31-12-2022	11.80000
SSP 1096	Feasibility studies on flotation of High-Magnesia limestone from Maharashtra	27-12-2021	26-10-2022	17.70000
SSP 1097	Feasibility studies on flotation of high-Silica limestone from Rajasthan	01-12-2021	30-09-2022	17.70000
SSP 1098	Preparation of DPR on modernization and improving mineral recovery in Mineral Separation Plant of M/s KMML.	20-06-2022	30-06-2023	53.10000
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.	29-06-2022	30-06-2023	35.40000
SSP 1100	Failure Investigation of Molybdenum Electrode in the Glass Melting Furnace	07-07-2022	06-07-2023	5.90000
SSP 1112	Patent Search and analytics service to tata steel ltd	01-02-2018	31-08-2022	22.84480

SSP 1130	Effect of creep fatigue interation on Disc Forging	01-01-2018	30-06-2022	95.07500
SSP 1138	Seam overall characteristics of coal sample of Asansol coalfields.	01-04-2018	31-03-2023	116.64948
SSP 1140	AUSC 7:Advanced Non-destructive Evaluation techniques for Creep Damage Evaluation of AUSC power power plant materials.	01-04-2018	30-06-2022	281.15860
SSP 1147	Twinning on Capacity Building to Transform Metal Industry Development Institute (MIDI)	01-04-2018	30-09-2023	883.75000
SSP 1148	Sample collection and analysis for determination of quality/grade of slurry/rejects and washed coal powder stocks.	01-07-2018	30-06-2023	144.95894
SSP 1157	Electronic packages for ultrasonic flow meter for on-board propellant gauging of spacecraft	01-09-2018	31-12-2023	49.72520
SSP 1165	Coal Characterization of different mines of ECL	20-01-2019	30-09-2022	80.00000
SSP 1171	Characterization of BCCL Coal Mines	15-12-2018	14-11-2023	138.60516
SSP 1172	Seam overall characteristics of coal sample of Charina & Ghogdarpalli block, Sohagpur District	01-04-2019	31-03-2023	119.99999
SSP 1184	Investigations of Fracture and Fatigue Crack Growth Rate Behaviour of Aero Engine Fan Disk of Ti-6Al-4V Alloy	04-02-2019	31-10-2023	95.96383
SSP 1191	Study on Gross Caloric Value in different coal mines of BCCL Dhanbad	29-04-2020	01-12-2022	43.14788
SSP 1200	Distribution of rare earth elements and trace elements in soil and sediment in India 1.Pulverization of soil and sediment samples 2.Chemical analysis of soil and sediment samples for rare earth elements, trace elements by HG_AAS, ICP-MS and XRF	12-06-2019	30-09-2022	197.99978
SSP 1205	Evaluation of Grade of SECL mines	01-04-2021	31-03-2024	91.80400
SSP 1207	Coal Characterisation of Singareni collieries Dhanbad.	11-11-2019	30-09-2022	23.99998
SSP 1208	Coal Characterisation of BCCL Collieries Dhanbad	01-04-2020	31-08-2022	33.99999
SSP 1218	Coal Characterization of Assansol and Singrauli Coalfield of India(SSP-1218)	07-02-2020	31-12-2022	120.00000

SSP 1227	Cold Rolling and Annealing of High strength Low Alloy Steel"	10-02-2020	10-05-2022	32.45000
SSP 1228	Coal Characterization of Eastern Coalfields	11-04-2022	31-03-2025	170.15600
SSP 1230	Cold bonding test work for coke dust	15-01-2020	31-05-2022	18.27336
SSP 1236	Coal Quality Assessment of Maharashtra State Power Generation company Ltd.(SSP-1236)	23-11-2020	23-11-2023	79.66116
SSP 1237	XRF and ICP-MS analysis of NGCM samples	01-07-2020	30-06-2023	107.12040
SSP 1240	Development of Briquetting technique for utilization of Steel plant solid waste (Phase 2)	01-03-2020	30-06-2022	37.16988
SSP 1252	Geopolymerization for Radioactive Waste Immobilization	01-09-2020	30-11-2022	49.44672
SSP 1254	Condenser tube deposit analysis and cleaning process	10-09-2020	30-05-2022	6.01800
SSP 1255	Continuous pilot scale reverse flotation of 15 tons iron ore (SSP 1255)	02-11-2020	15-10-2022	31.86000
SSP 1256	Process feasibility for utilisation of low-grade iron ore and slime in shaft based DRI technology	03-11-2020	30-06-2022	35.34985
SSP 1257	Bench-scale study on reducing ash content from washery grade coking coal and high ash non coking coal through oil agglomeration	01-10-2020	31-08-2022	36.10800
SSP 1258	Design and fabrication of FlawGuard VerII for defect characterisation and detection	01-12-2020	30-06-2022	9.44000
SSP 1259	Roasting and Hydrometallurgical Processing of Coal Slag	01-12-2020	31-07-2023	95.00000
SSP 1260	Smelting of Vanadium pentoxide for Preparation of Ferro-vanadium (FeV) (SSP 1260)	01-12-2020	30-04-2023	50.00000
SSP 1261	Grade Declaration of Referee Samples of CCL Area (SSP 1261)	14-12-2021	14-12-2023	74.41881
SSP 1262	Evaluation and Characterisation of band by band coal analysis of Asansol Coalfields Ltd.(SSP-1262)	01-04-2021	30-04-2025	314.52089
SSP 1263	Preparation of Detailed Project Report (DPR) for Jafarnagar Silver Cluster Nadia West Bengal	01-12-2020	30-04-2022	8.85000
SSP 1266	Evaluation of grade of SECL mines	15-12-2021	31-03-2025	97.00001

SSP 1267	FATIGUE BEHAVIOUR OF PRIMARY PIPING/VESSEL MATERIALS IF INDIAN NPPS UNDER MULTI AXIAL CONDITIONS (SSP 1267)	11-02-2021	10-02-2023	44.48600
SSP 1268	Dry beneficiation of limestone samples for removal of iron bearing and other magnetic impurities	15-02-2021	14-08-2022	23.60000
SSP 1270	Residual Life Assessment of Crude and Vacuum heater tubes (SSP 1270)	01-04-2021	31-12-2022	22.04240
SSP 1271	Material Analysis and Reclamation of Gas Collector for GTG-1250-2E	01-12-2020	31-12-2022	85.55000
SSP 1272	Charges for CREEP TESTING at 600oC, 153 MPa on St9ts (X10CrMoVNb9-1) material for 10000 hrs.	02-04-2021	31-07-2022	10.66720
SSP 1273	Transfer of Technological Know-How for the extraction of Cu, Al and Au from waste PCBs (SSP-1273)	12-08-2021	01-08-2022	14.75000
SSP 1274	Transfer of KNOW-HOW for the recovery of Co, Li and Mn from Lithium-Ion Batteries (LIBs) with fine tuning"	01-06-2021	31-05-2022	14.75000
SSP 1275	Thermo-Mechanical Processing and Cold Rolling of Medium carbon High Manganese Alloy Steels	01-04-2021	31-03-2023	70.24540
SSP 1280	Evaluation of used centre buffer coupler party	08-06-2021	07-06-2022	20.06000
SSP 1281	Development of non-magnetic Fe-Mn biodegradable alloys for biomedical applications	01-07-2021	01-07-2022	22.16040
SSP 1282	Study of mold flux-liquid steel interaction using lifting hearth furnace	13-08-2021	12-01-2022	6.37200
SSP 1283	Elevated temperature tensile and creep deformation behaviours of different grades of steels.	01-04-2022	31-03-2024	4.95600
SSP 1284	Lab Scale Study on Reducing Ash Content (Mineral Matter) from Bhubaneswari Kaniha and Hingula Coal through Oil Agglomeration (SSP 1284)	16-09-2021	15-11-2022	11.24347
SSP 1285	Failure analysis of Front Axle Beam (SSP-1285)	14-09-2021	14-09-2022	7.08000
SSP 1286	Metallurgical Failure analysis of Railway wheel Disc (SSP 1286)	30-12-2021	31-12-2022	7.08000
SSP 1287	Synthetic Slag Treatment for Desiliconisation of High Carbon Ferrochrome in EAF (SSP 1287)	08-10-2021	28-02-2023	8.85000

SSP 1288	Recovery of valuable metals from chromite ore overburden by carbothermic smelting in electric arc furnace	11-10-2021	10-10-2022	13.27500
SSP 1289	Pelletization of iron ore concentrate using an organic binder	10-12-2021	31-07-2022	13.57000
SSP 1290	Corrosion behaviour of different rail steels in varied environments (SSP 1290)	03-08-2021	30-04-2023	29.50000
SSP 1291	Analysis and Upgradation of Subgrade iron ore fines through Fluidized Bed Reduction with separation (SSP 1291)	01-11-2021	31-03-2023	30.68000
SSP 1292	Seam Overall Analysis of Jharia Coalfields	25-01-2023	31-03-2026	24.73845
SSP 1294	Development of Rust Converter Composition for Treatment of Rusted Steel	01-02-2022	31-01-2023	5.90000
SSP 1295	Studies on processing of iron ore sample for beneficiation plant at AM/NS, Dabuna.	01-12-2021	31-05-2022	11.80000
SSP 1296	Faligue crack growth evaluation of RDCIS rail steel samples	08-12-2021	08-12-2023	17.70000
SSP 1297	Feasibility study and development of a process for optimisation of reductant blend to partially replace coking coal for production of ferrochrome (SSP 1297)	12-11-2021	11-03-2023	53.10000
SSP 1298	Characterization of Coal samples supplied by M/s Adani Power Ltd.	10-02-2022	09-02-2024	18.45722
SSP 1299	Generating Forming Limit Diagram (FLD) of welded and non-welded aluminum sheets using Nakajima Test	16-12-2021	31-03-2023	590000.00000
SSP 1300	Transfer of Technology Knowhow for the Magnetostrictive Sensing (MsS) Device for Pipe Inspection (MagStrics).	28-12-2021	28-02-2023	3.54000
SSP 1301	Technology for clearing Ball Jam in Ball Pen Tips.	01-02-2022	31-01-2023	5.90000
SSP 1302	Development of Process for Large Scale Production of Electrolytic Mn Metal(EMM) from MnSO4 Liquors of MOIL Ltd.	03-03-2022	30-06-2023	34.55040
SSP 1303	Refining of hot metal in MgO lined induction furnace	06-01-2022	28-02-2023	21.24000
SSP 1304	Metallurgical investigation to explore the damage mechanism of worn out quill shaft.	18-01-2022	17-01-2023	5.90000

SSP 1305	Closed-loop Know-How to recycle spent Lithium-Ion Batteries (LIBs) to produce value added products of Li,Co,Mn,Cu,Ni, saleable plastics nad graphite.	23-03-2022	22-03-2023	17.70000
SSP 1306	Microstructure and mechanical health assessment of center buffer coupler parts	20-01-2022	31-03-2024	50.15000
SSP 1307	Processing of hydrocyclone underflow of Zawar grinding circuit towards recovery of silver through advance gravity separator	01-04-2022	31-12-2022	16.52000
SSP 1308	Chemical Characterisation for the grade declaration of Eastern Coalfields Limited	11-04-2022	25-03-2025	117.99999
SSP 1309	Technology transfer for recycling lithium ion batteries (LIBS) to recover saleable metal/salts of Li, Co, Mn, Ni, Cu, Al, graphite and plastics.	01-04-2022	31-03-2023	17.70000
SSP 1310	Metallurgical Failure Investigation of Horizontal Web Plate Girder of Gates of Farakka Barrage	10-06-2022	31-07-2023	9.44000
SSP 1311	Generating Forming Limit Diagram (FLD) of Hot and Cold Rolled (HR & CR) Steel Sheets using Nakajima Test	11-03-2022	31-12-2023	16.52000
SSP 1313	Grade Declaration of Referee Samples of MCL on the Basis of GCV	15-07-2022	31-12-2024	100.00534
SSP 1314	Recovery of copper and nickel as salt/metal from metal coated ABS scrap of automobiles	12-05-2022	11-02-2023	5.90000
SSP 1315	Process of Recovery of Nickel and Copper from Monel Scrap	15-04-2022	14-04-2023	11.80000
SSP 1316	Metallurgical failure investigation of API L80 grade seamless tube	02-05-2022	07-07-2023	5.90000
SSP 1317	Remaining Life Assessment of Ammonia-II Reformer Tube	11-04-2022	31-12-2023	11.80000
SSP 1318	Thermo-Mechanical Processing and Heat treatment	01-05-2022	30-04-2024	56.87954
SSP 1319	Refining of alloy steel ingot casting	22-04-2022	31-12-2022	8.85000
SSP 1320	Smelting tests in submerged arc furnace to investigate the melting behavior of chromite tailing briquettes	15-07-2022	14-07-2023	8.85000
SSP 1321	Destructive test and Analysis for establishing Life Estimation Matrix (LEM) of Vikramaditya Boiler Tubes	12-08-2020	30-06-2023	56.05000

SSP 1322	Development of optimized methodology for hot rolled TWIP steel plates (10mm thickness)	12-05-2022	31-03-2023	17.70000
SSP 1324	Creep and stress rupture property evaluation of 16M03 grade material at 530 DegreeC	09-06-2022	31-05-2023	6.13600
SSP 1325	Pilot scale trial from oily bubble flotation of coal	10-10-2022	29-02-2024	23.60000
SSP 1326	Preliminary Fatigue Crack Growth Rate and Fracture Toughness Testing at High Temperatures	16-06-2022	30-06-2025	146.93679
SSP 1327	Dephosphorisation of Hot Metal in an Induction Furnace	10-06-2022	10-12-2022	5.90000
SSP 1328	Vacuum Treatment of High Silicon steels with Nb and Al	30-06-2022	30-04-2023	9.44000
SSP 1329	Transfer of technology for FlawGuard: A device for real time defect detection of high end wire	20-06-2022	19-12-2022	4.72000
SSP 1330	Studies on characterization and beneficiation of low grade iron ore from SMIORE, Karnataka	01-08-2022	31-03-2023	25.96000
SSP 1331	Study of Iron Ore Tailing of GPIL using Column Flotation	01-07-2022	31-03-2023	25.96000
SSP 1332	Chemical Analysis and Characterization of Band by Band Coal of Ib Valley Coalfield	15-07-2022	31-03-2025	119.99997
SSP 1333	Study on Gross caloric value in different coal mines of CCL Ranchi	20-01-2023	31-03-2026	3.07698
SSP 1334	Processing of High Ash & high Sulphur containing Lignite Coal from GMDC	15-07-2022	30-06-2023	61.28920
SSP 1335	Analysis and evaluation of GSI NGCM -J soil and sediments samples	01-11-2022	31-03-2025	7.77174
SSP 1336	Deformation study of API grade materials for marine pipe line application	27-05-2022	29-12-2023	7.08000
SSP 1337	Calcined colemanite / calcined ulexite addition in pelletizing hematite ore to develop pellet for using in blast furnace	15-09-2022	14-09-2023	44.84000
SSP 1338	Plant trial on chemical treatment of rebar to improve the corrosion resistance using 500 kg of NML DeRust chemical	01-12-2022	30-11-2023	5.90000
SSP 1339	Distribution of Hg in soil and sediment samples	20-01-2023	31-12-2024	26.55000

SSP 1340	INVESTIGATION OF FFV SUPPLIED SPOTTED 84MM RL MK-III BARREL	13-09-2022	12-03-2023	5.60500
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.)	15-09-2022	14-09-2023	9.44000
SSP 1342	Bench scale evaluation, LCT and mineralogical characterization studies of Meghnagar rock phosphate ore.	01-09-2022	31-08-2023	18.17495
SSP 1343	Desulphurization of hot metal in induction furnace	03-10-2022	30-06-2023	5.90000
SSP 1347	Influence of the weld microstructure on hydrogen permeability and trapping behaviour in the API line pipe steel	14-11-2022	14-05-2024	11.80000
SSP 1351	Failure analysis of rollers in slew bearing & Raceways in slew bearings of GOTTWALD make Harbour Mobile Crane	07-09-2022	06-09-2023	9.91200
SSP 1362	Feasibility study on reduction of Manganese ores using sulphur	24-01-2023	23-01-2024	16.99200
SSP 1364	Beneficiation study of quarzitic sand to produce a sand glass grade	10-02-2023	29-02-2024	17.70000
SSP 1365	Metallurgical failure investigation of Inner Rocker Arm of Flap No. 05 (RH) at starboard upper air intake of MiG-29	15-03-2023	31-03-2024	4.13000
SSP 1366	Root Cause Analysis of Failures in 18" OD API 5LX-70 HFERW Linepipes	16-02-2023	15-02-2024	20.00000
SSP 1367	Development of Advanced Galvanising Coatings	01-11-2022	31-10-2023	14.39600
SSP 1368	Exploratory studies on creep crack growth rate behaviour of GTM Su 718 alloy	21-02-2023	31-03-2025	81.25000
SSP 1370	Evaluation and health assessment of center buffer coupler parts: Body, Yoke, Knuckle	01-03-2023	28-02-2026	90.27000