

# Monthly Project Completion Report from RPBD

## Projects to be Completed in February and March 2022

S. No.	Project No.	Project Title	Start Date	End Date	Sponsor	Project Leader	Contract Value (in lakhs)	Cash Flow (in lakhs)	External Payment (in lakhs)	Equipment Usage (in lakhs)
1	SSP 1263	Preparation of Detailed Project Report (DPR) for Jafarnagar Silver Cluster Nadia West Bengal	01-12-2020	31-05-2021 extended to 28-02-2022	Director of MSME	Mr. Rohit Meshram	8.85	4.0181	0	0.3025
2	SSP 1260	Smelting of Vanadium pentoxide for Preparation of Ferro-vanadium (FeV) (SSP 1260)	01-12-2020	30-11-2021 extended to 28-02-2022	M/s. Reliance Industries Limited, Gujarat	Dr. J.Pal	50	20	5.18	1.968
3	SSP 1259	Roasting and Hydrometallurgical Processing of Coal Slag	01-12-2020	01-11-2021 extended to 28-02-2022	M/s. Reliance Industries Limited, Gujarat	Dr. D.Mishra	95	38	8.5	3.76
4	SSP 1255	Continuous pilot scale reverse flotation of 15 tons iron ore (SSP 1255)	02-11-2020	01-11-2021 extended to 28-02-2022	Tata Steel Ltd	Dr. Ari Vidyadhar	31.86	23.895	2.3	1.1
5	SSP 1251	Metallurgical failure investigation of penstock steel of UHL-III HEP	04-08-2020	03-08-2021 extended to 03-02-2022	Beas Valley Power Corporation Ltd.	Mr. Biraj Sahoo	15	13.729	2.09	0.72
6	SSP 1227	Cold Rolling and Annealing of High strength Low Alloy Steel"	10-02-2020	09-02-2022	Tata Steel Limited	Dr. Manoj Humane	32.45	32.45	3.385	1.6

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7	SSP 1184	Investigations of Fracture and Fatigue Crack Growth Rate Behaviour of Aero Engine Fan Disk of Ti-6Al-4V Alloy	04-02-2019	03-02-2022	Gas Turbine Research Establishment	Dr. H.N.Bar	95.9638	25.084	7	4.15
8	SSP 1258	Design and fabrication of FlawGuard VerII for defect characterisation and detection	01-12-2020	30-11-2021 extended to 31-03-2022	Tata Steel Limited	Dr. Tarun Kumar Das	9.44	4.72	1	0.32
9	SSP 1230	Cold bonding test work for coke dust	15-01-2020	30-06-2020 extended to 31-03-2022	Tata Steel Limited	Dr. T.C.Alex	18.2734	15.349	0.5084	1.5485
10	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	31-03-2022	Geological Survey of India	Dr. Sanchita Chakravarty	198	177.86	5	2
11	SSP 1191	Study on Gross Caloric Value in different coal mines of BCCL Dhanbad	29-04-2020	31-03-2022	Bharat Coking Coal Ltd	Dr. Arvind Kr. Upadhyay	43.1479	44.274	4	1.06264
12	SSP 1165	Coal Characterization of different mines of ECL	20-01-2019	30-03-2020 extended to 31-03-2022	Eastern Coalfields Limited	Mrs. Rupa Das Biswas	136.7	115.07	19.75	4.6339

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13	SSP 1157	Electronic packages for ultrasonic flow meter for on-board propellant gauging of spacecraft	01-09-2018	31-08-2020 extended to 31-03-2022	LPSC,ISRO	Dr. S Palit Sagar	49.7252	24.861	3	0.806
14	SSP 1147	Twinning on Capacity Building to Transform Metal Industry Development Institute (MIDI)	01-04-2018	31-03-2021 extended to 31-03-2022	Metal Industry Development Institute (MIDI)	Dr. V C Srivastava	883.75	120.92	20	0
15	SSP 1127	AUSC-6 Evaluation of fracture and fatigue crack growth (FCG) behaviour of SS304 Hcu base material	31-03-2018	31-03-2021 extended to 31-03-2022	Indira Gandhi Centre for Atomic research, Kalpakkam	Dr. HN Bar	531	539.36	17.84	6
16	SSP 1112	Patent Search and analytics service to tata steel ltd	01-02-2018	31-01-2019 extended to 31-03-2022	TATA STEEL, Jamshedpur	Dr. SK PAL	35.4	35.409	3.14928	1.0274
17	MLP 3125	Preparation of Coke from non-coking coal	01-04-2020	31-03-2022	CSIR	Dr. Sanchita Chakravarty	30		7	0
18	MLP 3124	Development of high ballistic strength armour steel with 2 GPa tensile strength and min 50MPam <sup>1/2</sup> fracture toughness.	01-04-2020	31-03-2022	CSIR	Mr. Gaurav Bansal	80		0	0

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19	MLP 3123	Thermodynamic and kinetic assessment of interfacial equilibrium conditions in multi-component based bulk nano-pearlitic steels.	01-09-2020	31-03-2022	CSIR	Dr. Snehashish Tripathy	40		21.5	0
20	MLP 3122	Big Data Assimilation and Synthesis for material creep degradation.	01-04-2020	31-03-2022	CSIR	Dr. Sunil Kumar	30		9	0
21	MLP 3121	Development of dry beneficiation process technology for low grade iron ore for iron and steel making	01-04-2020	31-03-2022	CSIR	Dr. Ganesh Chalavadi	60		3.5	7
22	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	31-03-2022	CSIR	Dr. Lokesh Pathak	70		15	4
23	MLP 3119	Process development of high quality layered transition metal carbides/nitrides/carbonitrides (MAX)	01-04-2020	31-03-2022	CSIR	Dr. Pallab Bhattacharya	50		28	12.5
24	MLP 3118	Development of fire resistant lightweight structural materials by hybridization of inorganic-organic polymers (MLP 3118)	01-09-2020	31-03-2022	CSIR	Mrs. Rashmi Singla	40		21.5	0

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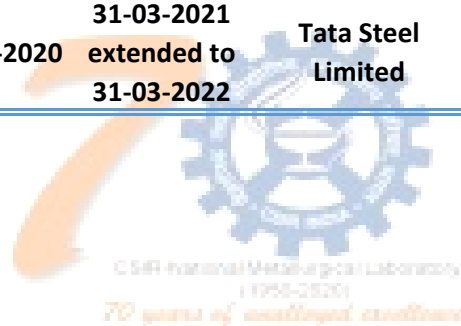
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25	MLP 3115	Development of CS Analytical and Charpy Impact Toughness Physical Standard (CRM) in Steel	11-08-2020	31-03-2022	CSIR	Mr. Ramesh Surla	99.4		36.4	0
26	MLP 3113	Production of Fe-Ni/Co-Mo metallic alloy & alumina rich slag from Ni-Mo/Co-Mo	01-04-2020	31-03-2021 extended to 31-03-2022	CSIR	Dr. Sanjay Agarwal	100		0	0
27	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	19-06-2021 extended to 31-03-2022	Ministry of Steel GOI	Dr. A.Ammasi	106.35	65.09	25	0
28	GAP 0279	Preparation of Detailed Project Report(DPR) for technological intervention through Technology Facility Centre(TFC) at five numbers of Bell and Brass metal clusters of West Bengal	01-02-2019	31-07-2019 extended to 31-03-2022	Director of MSME	Dr. K L Sahoo	31.25	20.06	6	1
29	GAP 0265	Development & Fabrication of Cannon Liners for Explosive Testing	13-06-2017	12-08-2018 extended to 31-03-2022	CSIR CIMFR	Dr. Snehashish Tripathy	41	52.729	20	0

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30	CNP 0135	Consultancy on design, erection and commissioning of flotation column at M/s Tata Steel, Belatinda Coal Preparation Plant	02-04-2019	31-05-2020 extended to 31-03-2022	M/s McNally Sayaji Engineering Ltd.	Dr. T V Vijaya Kumar	10.1445		0	0.23925
31	CLP 0218	Sensor and device for on-line Zn weight measurement of GI wires	19-03-2020	31-03-2021 extended to 31-03-2022	Tata Steel Limited	Dr. Sarmishtha Sagar	27.258	20.444	2.1	0.924



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