

# Monthly Project Completion Report from RPBD

## Projects to be Completed in November 2021

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	CLP 0213	Effect of microstructure evolution in weld heat affected zone on fracture toughness and fatigue of API steel (X70 / X80) weld joints	01-06-2020	31-05-2021 extended to 30-11-2021	Tata Steel Ltd.	Dr. Rajinikanth	23.954	17.966	3.85	0.8225
2	GAP 0271	To develop an effective extraction and separation technology to selectively extract rare earth elements - Erbium (Er), Terbium (Tb), Europium (Eu), Praseodymium (Pr) Neodymium (Nd) and Dysprosium (Dy) from WEEE (Waste Electrical and Electronic Equipments)	08-05-2018	08-05-2021 extended to 26-11-2021	CEFIPRA	Dr. AARTI KUMARI	46.7137	26.575	17.03732	0
3	SSP 1207	Coal Characterisation of Singareni collieries Dhanbad.	11-11-2019	30-11-2021	Bharat Coking Coal Ltd, Dhanbad	Mrs. Rupa Biswas	24	9.991	0	0.81355
4	SSP 1249	Mechanical and micro-structure assessment of Centre Buffer Coupler (CBC)	04-08-2020	03-08-2021 extended to 03-11-2021	Research Design and Standards Organization	Dr. Soupramanien	20.06	20.06	1.78	0.85
5	SSP 1255	Continuous pilot scale reverse flotation of 15 tons iron ore	02-11-2020	01-11-2021	Tata Steel Ltd	Dr. Ari Vidyadhar	31.86	7.965	2.3	1.1

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6	SSP 1258	Design and fabrication of FlawGuard VerII for defect characterisation and detection	01-12-2020	30-11-2021	Tata Steel Ltd.	Dr. Tarun Kumar Das	9.44	4.72	1	0.32
7	SSP 1259	Roasting and Hydrometallurgical Processing of Coal Slag	01-12-2020	01-11-2021	M/s. Reliance Industries Ltd., Gujarat	Dr. D.Mishra	95	38	8.5	3.76
8	SSP 1260	Smelting of Vanadium pentoxide for Preparation of Ferro-vanadium (FeV) (SSP 1260)	01-12-2020	30-11-2021	M/s. Reliance Industries Ltd., Gujarat	Dr. J.Pal	50	20	5.18	1.968
9	SSP 1264	Studies on cyclic corrosion behaviour of coated steel samples	27-11-2020	26-11-2021	M/s Mageba Bridge Products Pvt Ltd., Kolkata	Dr. K.Gopala Krishna	6.844	7.035	0	0.2

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