

## PROJECTS EXECUTED DURING FINANCIAL YEAR 2014-15

### A. Consultancy Projects carried forward from Previous Years:

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
1.	0023	Mine air Analysis of CCL	Prof. D. D. Pathak	AC	CCL
2.	0028	Mine air Analysis of CCL, Karo Special Project Bokaro Thermal.	Prof. D. D. Pathak	AC	CCL
3.	0035	Mine air Analysis of CCL	Prof. D. D. Pathak	AC	CCL
4.	0056	Mine Air analysis of CCL, Hazaribag Area (Kedla Underground Project.	Prof. D. D. Pathak	AC	CCL
5.	0062	Modeling and simulation studies for designing the ventilation system of Peddampetta Shaft Project.	Prof. D. C. Panigrahi	ME	SCCL
6.	0064	Modeling and simulation studies for designing the ventilation system of shantikhani longwall Project	Prof. D. C. Panigrahi	ME	SCCL
7.	0066	Modilling and Simulation studies for designing the ventilation system of Jallaram Shaft Project.	Prof.. D. C. Panigrahi	ME	SCCL
8.	0069	Mine Air Analysis of BCCL, Maheshpur Colliery, Area-III, Gobindpur.	Prof. D. D. Pathak	AC	BCCL
9.	0073	Mine Air Analysis of CCL, Kargali (UG) Mine (BSI) B & KK Area, Bokaro.	Prof. D. D. Pathak	AC	CCL
10.	0078	Mine Air analysis of Shaft Mine, Sudamdih, E.J. Area, BCCL	Prof. D. D. Pathak	AC	BCCL
11.	0098	Mine Air Analysis of Kedla U/G Project	Prof. G. Udayabhanu	AC	CCL
12.	0131	A study of ventilation network of the existing mine (GDK011A) and establishing an integrated ventilation network for designing the ventilation system of peddampetta shaft Block Project.	Prof. D. C. Panigrahi	ME	SCCL

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13.	0267	Preparation of Regional Environmental management Plan for Angul-Talcher-Meramundali area of Orissa.	Prof. Gurdeep Singh	ESC	OSPB
14.	0325	Analysis and interpretation of mine air samples for assessing the states of fire and general environment in Ghusik @ Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
15.	0339	Preparation of Mine Plan for TASRA, SAIL, OCP for clearance from ministry of Coal as RQP.	Dr. B. Paul	ESE	SAIL
16.	0415	Advice on Preparation of Coal-Mine Plan As RQP, To CMRI, Dhanbad	Dr. B. Paul	ESE	CMRI
17.	0433	Modeling of 5 inch stub cyclone treating Iron Ore Fines.	Prof. N. Suresh	ESE	TIPL
18.	0476	Insitu test of Toe-wall side of Katri River near Ramkanali Colliery,	Shri P. K. Behera	ME	BCCL
19.	0562	Determination of crossing point and ignition point temperature of Coal samples alongwith their noisture content for assessing the spontaneous neating tendency of coal of Alkusa Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
20.	0575	Hydrological & Water quality studies for Panandhro, Umarsar, Akrjota mining area of GMDC.	Dr. P. K. Singh	ESE	GMDC
21.	0568	Consultancy work for environmental clearance /EMP of Sand Mining Leases of Tata Steel.	Dr. Biswajit Paul	ESE	TSL
22.	0658	Evaluation of performance and behaviour of methanometers of murlidih 20/21 Pits Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
23.	0701	Evaluation of performance and behaviour of methanometers and analysis and interpretation of mine air samples of victoria West Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
24.	0704	Evaluation of performance and behaviour of gas detectors, and analysis and interpretation of mine air sample of Lodna Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
25.	0770	Analysis of Coal, Jhama, Rangi Jhama,	Prof. V. K. Saxena	FME	SAIL
26.	0777	Mine Air analysis of Kedla U/G Project, CCL Hazaribag.	Dr. M. Yadav	AC	CCL
27.	0778	Representation of EMPs for NCPH UG and Kuracia OC Mines of Chirimiri Area of SECL as per EIA Notification – 2006	Prof. Gurdeep Singh	ESE	SECL

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28.	0799	Preparation of Mining Plan for rock materials at Little Andaman, island for Ministry of Shipping.	Dr. B. Paul	ESE	MSRT
29.	0881	Determination of crossing point temperature, ignition point temperature and moisture content of four samples of Shankarpur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
30.	0885	A study of performance and behaviour of gas detectors of Kunusturia area, ECL.	Prof. D. C. Panigrahi	ME	ECL
31.	0898	Evaluation of performance and behaviour of gas detectors of Murlidih 20/21 pits colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
32.	0922	Mine Air Analysis of Karo Special Project Ph-II, CCL. Bokaro Thermal Bokaro.	Dr. M. Yadav	AC	CCL
33.	0925	Rehabilitation of Jharia - Mine Survey in the area of Fire Zone area of Jharia Coalfields	Prof. Gurdeep Singh	ESE	JRD
34.	0962	Building Institutional Capacity for Sustainable Environment and Social Management in Mining Sector in Afghanistan	Prof. Gurdeep Singh	ESE	MM
35.	965	Evaluation of performance and behaviour of gas detectors of Bararee and Bussery Collieries, BCCL	Prof. D. C. Panigrahi	ME	BCCL
36.	0969	Evaluation of performance and behaviour of gas detectors of Sudamdih Incline Mine, E.J. Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
37.	0975	Documentation of the Thematic Cluster of Mining As per CSD Guidelines.	Prof. Gurdeep Singh	ESE	MOEF
38.	1034	Evaluation of Performance and behaviour of gas detectors of Madhuban Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
39.	1039	Investigation into the determination of incubation period of R-V Seam of Jhanjra Projects, ECL	Prof. D. C. Panigrahi	ME	ECL
40.	1046	Analysis and Interpretation of Mine Air Samples of Hamirpur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
41.	1061	Evaluation of performance and behaviour of gas detectors of Amlabad Project, BCCL	Prof. D. C. Panigrahi	ME	BCCL

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42.	1065	A Study of crossing point temperature, ignition point temperature, and moisture content of coal samples of Monnet Ispat & Energy Ltd., Raigarh	Prof. D. C. Panigrahi,	ME	MIEL
43.	1077	Evaluation of performance and behaviour of gas detectors of East Basseria Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
44.	1086	Evaluation of performance and behaviour of gas detectors of Kuja Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
45.	1104	Evaluation of performance and behaviour of gas detectors	Prof. D. C. Panigrahi	ME	BCCL
46.	1141	Evaluation of Performance and behaviour of Gas detectors of Dubeswari Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
47.	1164	Evaluation of performance and Behaviours of Gas detectors of Rampur Sub Area MCL	Prof. D. C. Panigrahi	ME	MCL
48.	1245	Scientific study to design the construction of dam in the U/G Mine	Shri P. K. Behera	ME	BCCL
49.	1253	Evaluation of Performance and Behavior of gas detectors of Bastacola Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
50.	1279	Evaluation of Performance and Behavior of gas detectors of Kuju Colliery, CCL	Prof. D. C. Panigrahi	ME	ECL
51.	1280	Evaluation of Performance and Behavior of gas detectors of Moonidih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
52.	1284	Evaluation of Performance and Behavior of gas detectors of Barmonditia (A) Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
53.	1304	Evaluation of Performance and Behavior of gas detectors submitted by M/s B K Enterprizes, Dhanbad	Prof. D. C. Panigrahi	ME	BKE
54.	1309	Field Investigations, Modeling and Simulation Studies for Reorganizing the ventilation system to improve workplace environment in Bansdeopur Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
55.	1310	Field Investigations, Modeling and Simulation Studies for Reorganizing the ventilation system to improve workplace environment in Bagdigi Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL

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56.	1311	Field Investigations, Modeling and Simulation Studies for Reorganizing the ventilation system to improve workplace environment in Mudidih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
57.	1312	Field Investigations, Modeling and Simulation Studies for Reorganizing the ventilation system to improve workplace environment in Kharkharee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
58.	1313	Field Investigations, Modeling and Simulation Studies for Reorganizing the ventilation system to improve workplace environment in Dhansar Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
59.	1330	Evaluation of Performance and Behaviours of gas detectors of Kankanee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
60.	1331	Investigation into the parameters for development of high capacity and high pressure main and auxiliary fans for mines	Prof. D. C. Panigrahi	ME	VL
61.	1333	Preparation of pre-feasibility from I Report for Coal washery of Kaphila Industries	Prof. Gurdeep Singh	ESE	KI
62.	1379	Geo-Technical Investigation and Design of Slopes for RTEI-Bunder Diamond Project	Prof. P. Sen	ME	MNDCPL
63.	1394	Evaluation of Performance and Behaviours of gas detectors of Katras Area	Prof. D.C. Panigrahi	ME	BCCL
64.	1418	Determination of Compressive Strength and Anchorage Strength of Cement Capsules.	Shri P K Behra	ME	BCCL
65.	1443	Evaluation of Performance and Behaviours of gas detectors of Jamadova Group.	Prof. D C Panigrahi	ME	TSL
66.	1462	Pre Feasibility Report of Kenduadih Coal Block, BCCL Ltd.	Dr. Biswajit Paul	ESE	DCL
67.	1467	Determination of Compressive and Anchorage Strength of quick Setting Cement Capsules of ECL	Shri P.K. Behera	ME	ECL
68.	1483	Pressure-Quantity Survey of Argada Colliery	Prof. D.C. Panigrahi	ME	CCL
69.	1484	Pressure-Quantity Survey of Roy Bachra Colliery	Prof. D. C. Panigrahi	ME	CCL
70.	1485	Pressure-Quantity Survey of Roy Bachra Colliery	Prof. D. C. Panigrahi	ME	CCL

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71.	1486	Pressure-Quantity Survey of Roy Bachra Colliery	Prof. D. C. Panigrahi	ME	CCL
72.	1489	Evaluation of Performance and Behaviour of gas detectors of Kuya Colliery	Prof D. C. Panigrahi	ME	BCCL
73.	1497	Evaluation of Performance and Behaviour of gas detectors of Pathekhera Colliery	Prof. D. C. Panigrahi	ME	WCL
74.	1504	Determination of Compressive and Anchorage Strength of quick setting cement capsule of Bera Colliery	Shri P. K. Behera	ME	BCCL
75.	1512(B)	Field Investigations, Modelling and Simulation Studies for Reorganizing the ventilation System to Improve the Workplace Environment, Phularitand Colliery	Prof. D. C. Panigrahi	ME	BCCL
76.	1535	Modeling and designing of ventilation system for Rohtang Tunnel Project of Rohtang Pass of Ministry of Defense, Govt. of India and Proposal being submitted by Airef Engineers (P) Ltd.	Prof. D C Panigrahi	ME	AEPL
77.	1536	Analysis and Interpretation of Air Samples of Chasnalla Colliery ISP, SAIL.	Prof. D C Panigrahi	ME	GOCL
78.	1565	Evaluation of Performance and Behaviour of gas detectors of Rampur Sub Area.	Prof. D C Panigrahi	ME	MCL
79.	1575	Evaluation of Performance and Behaviour of gas detectors of Topa Colliery	Prof. D C Panigrahi	ME	CCL
80.	1584	Computational Fluid dynamics Modeling Studies for the design of Fan drift of Mulupara U/G Mines.	Prof. D.C. Panigrahi	ME	MIEL
81.	1627	Determination of Some Physical and Chemical Properties of quick Setting Cement Capsules of Phularitand Colliery	Prof. D. C. Panigrahi	ME	BCCL
82.	1647	Socio-Economic Survey of Fire and Land Subsidence Affected Areas of Jharia Coalfield.	Prof. Chandan Bhar	MS	BCCL
83.	1649	Evaluation of Performance and Behaviour of gas detectors of MRS, Ramgarh.	Prof. D C Panigrahi	ME	CCL
84.	1650	Evaluation of Performance and Behaviour of Ventilation Measuring Instruments of Talcher, Colliery.	Prof. D C Panigrahi	ME	MCL
85.	1673	Analysis and Interpretation of Mine air Samples	Prof. D. C. Panigrahi	ME	CIMFR

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86.	1678	Analysis and Interpretation of air samples of shampur B Colliery	Prof. D. C. Panigrahi	ME	ECL
87.	1684	Conducting one day training programme (Off Campus)	Dr. S. Chattopadhyaya	MME	BCCL
88.	1697	Evaluation of Performance and Behavior of gas detectors of Dabor Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
89.	1698	Analysis and Interpretation of Mine air Samples, and determination of CPT & IPT of Coal Sample of Khoodia Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
90.	1703	Off-campus course on Mechatronics at BIT Mesra	Dr. S. Chattopadhyaya	MME	BIT Mesra
91.	1711	Sustainable Mine Planning for Iron Ore Mining in Megalahalli & R & R Plan	Dr. Biswajit Paul	ESE	SSGL
92.	1723	Evaluation of performance and Behaviour of Phularitand Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
93.	1731	Evaluation of performance and Behaviour of gas detectors, Anemometers Airborne Respirable dust sampling, Noise Monitoring and Analysis of air Samples	Prof. D. C. Panigrahi	ME	SAI
94.	1734	Analysis and Interpretation of air samples of Kunustoria Area ECL.	Prof. D. C. Panigrahi	ME	ECL
95.	1737	Evaluation of performance and Behaviour of gas detectors PENCH Area, WCL	Prof. D. C. Panigrahi	ME	WCL
96.	1741	Analysis and Interpretation of air samples of swati safe services Pvt. Ltd.	Prof. D. C. Panigrahi	ME	SSSEPL
97.	1745	Testing of Bricks Supplied by BCCL	Shri P.K. Behera	ME	BCCL
98.	1747	Evaluation of performance and behavior of gas detectors Bejdih Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
99.	1752	Solid Waste Management Plan & Activity	Prof. S. K. Maiti	ESE	NSPL
100.	1767	Evaluation of Performance and Behavior of gas detectors of Khottadih Colliery	Prof. D. C. Panigrahi	ME	ECL

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101.	1779	Evaluation of Performance and Behaviour of gas detectors of Hirakhand Bundia Mine MCL	Prof. D. C. Panigrahi	ME	MCL
102.	1784	Field Investigations, Modeling and redesign of ventilation systems for Hutti God Mines of the Hutti Gold Mines Co. Ltd.	Prof. D. C. Panigrahi	ME	HGMCL
103.	1790	Evaluation of performance and Behaviour of gas detectors of MRS Ramgarh	Prof. D. C. Panigrahi	ME	CCL
104.	1795	Determination of Cerchar Hardness Index and Cerchar Abrasibility Index of Some rock Samples.	Prof. VMSR Murthy	ME	CIMFR
105.	1806	Evaluation of Performance and Behavior of gas detectors of Ramnagar Sub Area SECL	Prof. D. C. Panigrahi	ME	SECL
106.	1815	Rapid EIA/EMP for Dungri-Petia Sand Leases, Tata Steel	Dr. Biswajit Paul	ESE	TSL
107.	1816	Rapid EIA/EMP for Tetangabad Sand Leases, Tata Steel	Dr. Biswajit Paul	ESE	TSL
108.	1822	Evaluation of Performance and Behaviors of gas detectors of Bhelatand A Colliery	Prof. D. C. Panigrahi	ME	TSL
109.	1830	Sieve Sizing of five Iron Ore Samples supplied by CDE Asia	Prof. N. Suresh	FME	CDE
110.	1831	A study into delineation of fire in 11 and 12 seams at New Akashkinaree Colliery in North Side of DC Railway Line Govindpur Area BCCL	Prof. D. C. Panigrahi	ME	BCCL
111.	1857	Evaluation of Performance and Behavior of gas detectors of Shyampur Colliery B, ECL	Prof. D. C. Panigrahi	ME	ECL
112.	1865	Evaluation of Performance and Behavior of gas detectors of Roy Bachra Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
113.	1872	Evaluation of Performance and Behavior of gas Begunia Project BCCL	Prof. D. C. Panigrahi	ME	BCCL
114.	1877	Analysis and Interpretation of Mine air Samples of Bhelatand A Colliery Tata Steel Ltd.	Prof. D. C. Panigrahi	ME	TSL
115.	1880	Evaluation of Performance and Behavior of gas detectors of Kumardhubi Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
116.	1882	Evaluation of Performance and Behavior of gas detector of Khoodia Colliery.	Prof. D.C. Panigrahi	ME	ECL



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117.	1884	Evaluation of Performance and Behavior of gas detectors of Rik Sales and Services	Prof. D.C. Panigrahi	ME	RSS
118.	1894	Evaluation of Performance and Behavior of gas detectors of Bastacola Colliery	Prof. D. C. Panigrahi	ME	BCCL
119.	1899	Determination of Cerchar hardness Index and Cerchar Abrasivity Index of Some rock samples.	Prof. VMSR Murthy	ME	CIMFR
120.	1900	Determination of Cerchar Hardness and Abrasivity Index of some rock samples.	Prof. VMSR Murthy	ME	CIMFR
121.	1902	Determination of Cerchar Hardness and Abrasivity Index of some rock samples.	Prof. VMSR Murthy	ME	CIMFR
122.	1904	Characterisation, Benefication and Development of the flowsheet for 3 Iron Ore Samples Part- II	Prof. N. Suresh	FME	SGSIPL
123.	1928	Designing Pattern of holes for stone drift blasting having dimension 6.0 m X 3.0 m in Dhansar Industry Colliery	Dr. A. K. Mishra	ME	BCCL
124.	1931	Designing of Artificial Cooling System for Improvement of Workplace Environment in Longwall face and Roadheader Development faces of XV seam Monidih Colliery Indu Projects Ltd. Hyderabad	Prof. D. C. Panigrahi	ME	IPL
125.	1937	Evaluation of Performance and Behavior of gas detectors Many Enterprise, Dhanbad	Prof. D.C. Panigrahi	ME	ME
126.	1938	Evaluation of Performance and Behavior of gas detectors Brijuri Colliery	Prof. D. C. Panigrahi	ME	SECL
127.	1946	Evaluation of Performance and Behaviour of Mine Safety Instruments of Churi Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
128.	1947	Evaluation of Performance and Behaviour of Mnie Safety Instruments of Jhanjra Project Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
129.	1955	Preparation of Environmental Management Report for DVC Mines.	Dr. B. Paul	ESE	DVC
130.	1973	Evaluation of Performance and behavior of Mine Safety Instruments of Murulidih Colliery	Prof. D. C. Panigrahi	ME	BCCL
131.	1976	Analysis and Interpretation of Mine air Sample of Chapapur Colliery	Prof. D. C. Panigrahi	ME	ECL

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132.	1981	Size Analysis of Two Silica Sand Samples	Prof. Nikkam Suresh	FME	CDE
133.	1987	Evaluation of Performance and Behavior of Mine Safety instruments of Dubeswari Colliery, ECL	Prof. D. C. Panigrahi	ME	CCL
134.	1989	Off-Campus on Best Blasting practices for improved Productivity in U/G Metal Mines for HZL Executives	Dr. A. K. Mishra	ME	HZL
135.	2014	Size Analysis of Three Iron Ore Samples.	Prof. N. Suresh	FME	CDE
136.	2015	Land Subsidence Study at Essar Raniganj CBM Block at Durgapur (RG-(E)-CBM-2011/1 Block.	Prof. Phalguni Sen	ME	EOL
137.	2016	Proxiand Ultimate Analysis of Coal Samples.	Prof. N. Suresh	FME	GW
138.	2017	Evaluation of Performance and Behavior of gas detectors and Analysis of air Samples of North Tisra Colliery BCCL.	Prof. D. C. Panigrahi	ME	BCCL
139.	2018	Evaluation of Performance and Behavior of gas detectors of Bera Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
140.	2023	Evaluation of Performance and Behavior of Chandrapur Area WCL.	Prof. D. C. Panigrahi	ME	WCL
141.	2025	Evaluation of Performance and Behavior of gas detectors of Amalgamated Kathalpur WM Colliery. BCCL.	Prof. D. C. Panigrahi	ME	BCCL
142.	2028	Evaluation of Performance and Behavior of Ventilation and Safety instruments of Rajur Incline WCL.	Prof. D. C. Panigrahi	ME	WCL
143.	2033	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bhawra(W) Colliery.	Prof. D. C. Panigrahi	ME	BCCL
144.	2034	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Moonidih Colliery.	Prof. D. C. Panigrahi	ME	BCCL
145.	2035	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Haripur Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
146.	2042	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Dhemomine Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
147.	2045	Monitoring of Underwater Drilling and Blasting Process for Controlling ground vibration and Air Overpressure During The deepening of the Entrance Channel.	Prof. V.M.S. R. Murthy	ME	VPT

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148.	2046	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Talcher Colliery, MCL.	Prof. D. C. Panigrahi	ME	MCL
149.	2047	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Dhori Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
150.	2048	Analysis and Interpretation of mine air samples of Dhori (K) Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
151.	2049	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Tetulmari Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
152.	2051	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Dhansar Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
153.	2055	Technical Advisory on setting up of Coal Washery - Phase - A	Prof. S. Bhattacharya	FME	DTTIPL
154.	2058	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of B.K. Enterprises, Dhanbad	Prof. D. C. Panigrahi	ME	BKE
155.	2059	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Alkusa Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
156.	2067	Analysis of Coal Sample of Washed Coal (Power) of Mahuda Coal Washery	Prof. V. K. Saxena	FME	BCCL
157.	2072	Evaluation of performance and Behavior of gas detectors and Analysis and Interpretation of air Samples.	Prof. D. C. Panigrahi	ME	JNIL
158.	2075	Evaluation of Performance and Behavior of gas detectors of Lohapatti Colliery.	Prof. D. C. Panigrahi	ME	BCCL
159.	2076	Evaluation of Performance and Behavior of gas detectors of Bankala Area.	Prof. D. C. Panigrahi	ME	ECL
160.	2077	Evaluation of Performance and Behavior of gas detectors and analysis of air Samples of Bagdigi Colliery.	Prof. D. C. Panigrahi	ME	BCCL
161.	2091	Evaluation of Performance and Behavior of gas Detector of Pootkee Colliery.	Prof. D. C. Panigrahi	ME	BCCL
162.	2092	Determination of Some Physical and Chemical Properties of quick Setting Cement Capsule of Chinakuri Mine No.1, ECL.	Shri P. K. Behera	ME	ECL
163.	2094	Evaluation of Performance and Behavior of ventilation and Safety Instruments of Methani Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL

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164.	2096	Evaluation of Performance and Behavior of ventilation and Safety Instruments of Bussereya Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
165.	2097	Evaluation of Performance and Behavior of ventilation and Safety Instruments of B. K. Enterprises.	Prof. D. C. Panigrahi	ME	BKE
166.	2107	Evaluation of Performance and Behaviour of Ventilation and Safety Instruments, and Analysis of air Samples of Loyabad Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
167.	2109	Development of Mine Air colling Systems for Mines, Blue Star Ltd.	Prof. D. C. Panigrahi	ME	BSL
168.	2114	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Parbelia Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
169.	2116	Study of Illegal Mines in CIL Subsidiaries (ECL, BCCL, CCL).	Dr. Biswajit Paul	FME	CIL
170.	2117	Study to Evaluate the Schemes of Science and Technology Program of Ministry of Mines.	Prof. U. K. Singh	ME	MoM
171.	2119	Review /Restructuring of Coal Controller Organisation.	Prof. P. Pathak	ME	MC
172.	2125	Field Investigations, Modelling and Simulation Studies for designing Ventilation System of Rajpura Dariba Mines, HZL.	Prof. D. C. Panigrahi	ME	HZL
173.	2127	Evaluation of Performance and Behavior of Safety Instruments of Dharam Inelient, SECL.	Prof. D. C. Panigrahi	ME	SECL
174.	2141	Determination of Compressive and Anchorage Strength of quick Setting Cement Capsules of Jhagrakhand Colliery, SECL.	Shri P. K. Behera	ME	SECL
175.	2142	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kenda Area ECL.	Prof. D. C. Panigrahi	ME	ECL
176.	2143	Functional Ability test of Self Rescuers of Moonidih Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
177.	2144	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kumardhubi Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
178.	2145	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of AWC Dhanbad.	Prof. D. C. Panigrahi	ME	AWC
179.	2148	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Katras Chautudih Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
180.	2151	Evaluation of Performance and Behaviour of Ventilation and Safety Instruments and analysis of air Samples of Jarangdih U/G Colliery, CCL.	Prof. D. C. Panigrahi	ME	CCL
181.	2159	Analysis and Interpretation of air Samples of Anjan Hills and Kurasia Collieries, SECL,	Prof. D. C. Panigrahi	ME	SECL
182.	2160	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bartunga Colliery, SECL.	Prof. D. C. Panigrahi	ME	SECL
183.	2161	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Mekon International.	Prof. D. C. Panigrahi	ME	MIL
184.	2165	Solid Waste Management Plan & Activity for 3 years Jan, 13 to Dec. 2015. 4	Prof. S.K. Maiti	ESE	NSPL
185.	2172	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of lakhimata Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
186.	2179	Testing of Uranium Ore Sample.	Prof. S. Bhattacharya	FME	MSEL
187.	2180	Astudy into Present Atmospheric Condition including the conditions of fire areas for improving safety in Sijua Colliery Tata Steel Ltd..	Prof. D. C. Panigrahi	ME	TSL
188.	2181	Evaluation of Performance and Behavior of Safety Instruments air-borne respirable dust sampling noise Measurement gas sampling and analysis of Chasnala Colliery ISP SAIL.	Prof. D. C. Panigrahi	ME	SAIL
189.	2182	Field Investigations Modelling and Simulation Studies for Redesigning the Ventilation System of all UCIL Mines.	Prof. D. C. Panigrahi	ME	UCIL
190.	2183	Field Investigations Modelling and Simulation Studies for Redesigning and Reorganizing the Ventilation System of Digwadih Colliery, Jharia Collieries Tata Steel Ltd.	Prof. D. C. Panigrahi	ME	TSL
191.	2184	Analysis and Interpretation of air Samples of Hariazam Colliery ECL.	Prof. D. C. Panigrahi	ME	ECL
192.	2185	Analysis and Interpretation of air Samples of Karo Spl. Project Ph-II CCL.	Prof. D. C. Panigrahi	ME	CCL
193.	2186	Evaluation of Performance and Behavior of Safety Instruments of Khothadih Colliery Pandewasar Area. ECL.	Prof. D. C. Panigrahi	ME	ECL
194.	2187	Evaluation of Performance and Behavior of Safety instrument of Dobari Colliery Bastacola Area BCCL.	Prof. D. C. Panigrahi	ME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
195.	2188	Evaluation of Performance and behavior of Safety instruments and air sample analysis of Amalgamatod Angarapathara Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
196.	2192	Evaluation of Performance and Behavior of Safety Instruments of Hurriladih Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
197.	2193	Evaluation of Performance and Behavior of Safety Instruments and air Sample Analysis of Badgna Colliery ECL.	Prof. D. C. Panigrahi	ME	BCCL
198.	2194	Evaluation of Performance and Behavior of gas detectors of Silewar Sub Area, WCL.	Prof. D. C. Panigrahi		WCL
199.	2204	Evaluation of Performance and Behaviour of gas detectors and anemometers of Rik Sates Asansol.	Prof. D. C. Panigrahi	ME	RSS
200.	2208	Scientific Study for Stability Analysis & Design of Slopes and Coal rib and Suggesting a suitable design for dragline operation at Bharatpur OCP of MCL	Prof. Phalguni Sen	ME	MCL
201.	2210	Repid EIA/EMP for Sand Lease of Tata Steel, Kunji.	Dr. Biswajit Paul	ESE	TSL
202.	2211	Rapid EIA/EMP for Sand Lease of Tata Steel - Dungri & Bhowrah.	Dr. Biswajit Paul	ESE	TSL
203.	2212	Rapid EIA/EMP for Sand Lease of Tata Steel - Mohulbani & Gourkhuti	Dr. Biswajit Paul	ESE	TSL
204.	2213	Rapid EIA/EMP for Premsinghdih Sand Lease of Tata Steel	Dr. Biswajit Paul	ESE	TSL
205.	2215	Analysis and interpretation of air Samples of Sandra Bansjora Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
206.	2217	Evaluation of performance and Behavior of gas detectors of Chhtrapur Mine No.1, WCL	Prof. D. C. Panigrahi	ME	WCL
207.	2219	Evaluation of performance and Behavior of gas detectors of Tawa Mine II, Patherkhera Area.	Prof. D. C. Panigrahi	ME	WCL
208.	2220	Evnironmental (Chemical & Leachability Study A Fly Ash for JPL	Prof. Gurdeep Singh	ESE	JPL
209.	2223	Determination of Compressive and Anchorage Strength of quick setting cement capsules of kargil U/G Mine, B & K Area, CCL	Shri P. K. Behera	ME	CCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
210.	2227	Coal Sample Analysis work for CHNS	Prof. V. K. Saxena	FME	SGSIPL
211.	2228	Coal Stock analysis Work for GCV	Prof. V. K. Saxena	FME	ECL
212.	2231	Monitoring of Environmental Parameters in respect of ambient air stock Monitoring Noise level and effluent discharged of BTPS	Dr. Alok Singh	ESE	DVC
213.	2237	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Mekon International	Prof. D. C. Panigrahi	ME	MIL
214.	2238	Evaluation of Performance and Behavior of Ventilation and Safety Instruments, Analysis of Air Samples of Madhabpur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
215.	2239	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Gopalichuk, BCCL	Prof. D. C. Panigrahi	ME	BCCL
216.	2241	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Palkimara and West Jhagarkhand Collieries, SECL	Prof. D. C. Panigrahi	ME	SECL
217.	2242	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Malga Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
218.	2250	Evaluation of Performance and Behavior of gas detectors of Advance welding Corporation	Prof. D. C. Panigrahi	ME	AWC
219.	2252	Evaluation of Performance and Behavior of gas detectors of Rescue room Chirimiri Area.	Prof. D. C. Panigrahi	ME	WCL
220.	2253	Evaluation of Performance and Behavior of gas detectors of Hariajam Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
221.	2258	Evaluation of Performance and Behavior of Safety Instruments of Patherdih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
222.	2259	Evaluation of Performance and Behavior of Safety Instruments Analysis and Interpretation air Samples of Barraree Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
223.	2260	Analysis and Interpretation of air sample of Kumardhubi Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
224.	2261	Evaluation of Performance and Behavior of Safety Instruments Analysis and Interpretation of air Samples of Ghusik @ Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
225.	2262	Analysis and Interpretation of air samples of Shaft Mine Sudamdih, BCCL	Prof. D. C. Panigrahi	ME	BCCL



Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
226.	2263	Evaluation of Performance and Behavior of Safety Instruments of Sudamdih Incline Mine, BCCL	Prof. D. C. Panigrahi	ME	BCCL
227.	2264	Evaluation of Performance and Behavior of Safety Instruments of Bhowrah South Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
228.	2265	Proximate analysis of Washed Coal Samples.	Prof. S. Bhattacharya	ME	BCCL
229.	2266	Analysis of Coal Sample of Washed Coal (Power) of Mohuda Coal Washery	Prof. V. K. Saxena	FME	BCCL
230.	2270	Evaluation of performance and Behavior of gas detectors of PBP Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
231.	2274	Testing of LDO for SAIL, IISCO Steel Plant	Dr. T. K. Naiya	PE	SAIL
232.	2275	Subsidence Study of Khetri Copper Mine & Kolihan Copper Mine of Khetri Copper Complex Rajasthan	Dr. Dheeraj Kumar	ME	KCM
233.	2276	Analysis of Three Coal Samples of Jhama Coal	Prof. V. K. Saxena	FME	QCD
234.	2277	Evaluation of Performance and Behavior of Ventilation and safety Instruments of Sudamdih Shaft Mine, BCCL	Prof. D. C. Panigrahi	ME	BCCL
235.	2278	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of K.B. Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
236.	2279	Analysis and Interpretation of Mine air Samples of Tetulmari Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
237.	2280	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of basantimata Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
238.	2284	Evaluation of Performance and Behavior of Safety Instruments and Analysis and Interpretation of Bhagabandh Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
239.	2286	Evaluation of Performance and Behavior of Safety Instruments of Jayrampur Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
240.	2288	Analysis and Interpretation of Air Samples of Jarangdih Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL



Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
241.	2289	Evaluation of Performance and Behavior of Safety Instruments of Burragarh Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
242.	2290	Evaluation of Performance and Behavior of Safety Instruments of Roy Bachra Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
243.	2294	Development of an Under Water drilling and Controlled Blasting Methodology and Monitoring for dismantling a Concrete Berth at Port of Vishakhapatnam.	Prof. VMSR Murthy	ME	AVCTPL
244.	2296	EIA Study on the Impact of Leaching due to storage of fly ash on the Surface and mine voids of the dumping Area of Rajarappa Site	Mr. B. K. Mishra,	ESE	HIL
245.	2297	Evaluation of Performance and Behavior of gas detectors of Dabor Colliery	Prof. D. C. Panigrahi	ME	ECL
246.	2298	Field Investigations Modeling and Design of Ventilation System for Mochia, Balaria, Baroi, and Zawarmala Mines (Zawar Group of Mines) HZL and Association of ISM for 3 years to Implement the Recommended Ventilation System for increasing the Production of the Mines from 1.2 Million tonnes per Annum (MTpa) to 5.0 Million tonnes per Annum (Mtpa)	Prof. D. C. Panigrahi	ME	HZL
247.	2300	Evaluation of Performance and Behavior of gas detectors of Janjra Project Colliery	Prof. D. C. Panigrahi	ME	ECL
248.	2301	Evaluation of Performance and Behavior of gas detectors of Chinakuri Mine No.1,	Prof. D. C. Panigrahi	ME	ECL
249.	2302	Evaluation of Performance and Behavior of gas detectors of Jhiria UG Mine and Malga Colliery Hasdeo Area	Prof. D. C. Panigrahi	ME	SECL
250.	2303	Evaluation of Performance and Behavior of gas detectors of B. K. Enterprises, Dhanbad	Prof. D. C. Panigrahi	ME	BKE
251.	2304	Analysis and Interpretation of air Samples of North Tisra Colliery	Prof. D. C. Panigrahi	ME	BCCL
252.	2305	Analysis and Interpretation of air Samples of Lodna Colliery	Prof. D. C. Panigrahi	ME	BCCL
253.	2308	Evaluation of Performance and Behavior of gas detectors Jhanjra Project Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
254.	2310	Evaluation of Performance and Behavior of gas detectors and Analysis and Interpretation of air Samples of Bararee Colliery,	Prof. D. C. Panigrahi	ME	BCCL
255.	2311	Evaluation of Performance and Behavior of gas detectors MRS Dhansar Dhanbad	Prof. D. C. Panigrahi	ME	BCCL
256.	2312	Evaluation of Performance and Behavior of gas detectors and Analysis and Interpretation of air Samples of Joyrampur Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
257.	2313	Analysis and Interpretation of air Samples of Hingiri Rampur Colliery, MCL	Prof. D. C. Panigrahi	ME	MCL
258.	2315	Preparation of Environmental Management Report for DVC Mines.	Dr. Biswajit Paul	ESE	DVC
259.	2319	Evaluation of performance and Behavior of Ventilation and Safety Instrument of SSI Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
260.	2320	Evaluation of performance and Behavior of Ventilation and Safety instruments and Analysis of air Samples of Swang Colliery	Prof. D. C. Panigrahi	ME	CCL
261.	2321	Evaluation of performance and Behavior of Ventilation and Safety instruments of Chapapur Colliery	Prof. D. C. Panigrahi	ME	ECL
262.	2322	Evaluation of performance and Behavior of Ventilation and Safety instruments of RIK Sales	Prof. D. C. Panigrahi	ME	RS
263.	2323	Analysis and Interpretation of Mine air samples of CIMFR, Dhanbad	Prof. D. C. Panigrahi	ME	CIMFR
264.	2324	Evaluation of performance and Behavior of Ventilation and Safety instruments and analysis of air samples of Lodna Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
265.	2325	Evaluation of performance and Behavior of Ventilation and Safety instruments of Mekon International	Prof. D. C. Panigrahi	ME	MIL
266.	2326	Evaluation of performance and Behavior of Safety instruments of Chhatrapur Coliery WCL	Prof. D. C. Panigrahi	ME	WCL
267.	2327	Evaluation of performance and Behavior of Safety instruments of Sobhapur Coliery WCL	Prof. D. C. Panigrahi	ME	WCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
268.	2328	Determination of GCV of Coal ample from PTP Plant.	Dr. Shalini Goutam	FME	PTPP
269.	2330	DGPS Survey of Demarked Boundary Pillars of Sub Block IV/4 & IV/8 of Ushaa Coal mine of M/s Jayaswal Neco Industries Ltd.	Dr. Dheeraj Kumar	ME	JNIL
270.	2335	Evaluation of Performance and Behavior of gas detectors of Shyampur B Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
271.	2336	Field Investigations, modelling and Simulation Studies for Redesigning and Reorganizing the Ventilation System for Improving the Workplace Environment in Jitpur Colliery ISP SAIL (Phase-1)	Prof. D. C. Panigrahi	ME	SAIL
272.	2337	Evaluation of Performance and Behavior of gas detectors of Parbelia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
273.	2338	Evaluation of Performance and Behavior of Safety Instruments of Godhar Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
274.	2339	Evaluation of Performance and Behavior of Safety Instruments of Rescue Room, Surakachha-Balgi Sub Area, WCL	Prof. D. C. Panigrahi	ME	WCL
275.	2340	Conducting Werkshop on Role & Responsibility of HR Personnel in Coal Industry	Dr. Saumoya Singh	MS	NCL
276.	2344	Design of Mechanised System of stoping for Ukwa Mine of MOIL	Prof. U. K. Singh	ME	MOIL
277.	2345	Determination of Bonds Work Index of Choromite Sample	Prof. N. Suresh	FME	SGS
278.	2348	Evaluation of Performance and Behavior of open Circuit Breathing apparatus as per IS 10245 (part-2) 1994	Prof. D. C. Panigrahi	ME	JLDMP
279.	2349	Field Investigations Modelling and Design of Ventilation system of Kayad Mine, HZ Ltd. Phase III	Prof. D. C. Panigrahi	ME	HZL
280.	2350	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kumardhubi Colliery, ECL.	Prof. D. C. Pnaigrahi	ME	ECL
281.	2351	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Ghusik ® Colliery	Prof. D. C. Pnaigrahi	ME	ECL

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282.	2352	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Sodepur Colliery	Prof. D. C. Panigrahi	ME	ECL
283.	2353	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Simlabahal Colliery	Prof. D. C. Panigrahi	ME	BCCL
284.	2354	Field Investigations Modelling and design of Ventilation System to Improve for Rampura Aqucha Lead Zinc Mine HZL Ltd. Part-IV	Prof. D. C. Panigrahi	ME	HZL
285.	2355	Evaluation of Performance and Behavior of Ventilation and Safety Instruments and Analysis and Interpretation of air Samples Measurement of Noise and Air Borne dust Sampling of Jitpur Colliery, ISP, SAIL	Prof. D. C. Panigrahi	ME	SAIL
286.	2356	Evaluation of Sustainable Development Project of ECL under MOU 2013-13 (First Phase)	Dr. P. K. Singh	ESE	ECL
287.	2361	Evaluation of Performance and Behaviour and Safety Instruments of Malga Colliery and Jharia Colliery SECL	Prof. D. C. Panigrahi	ME	SECL
288.	2362	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of MRS Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
288	2363	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of MRS Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
289.	2368	Join Development Activities Between ISM and BASF India Ltd. Mumbai for Introduction of Chemical Technology in Ventilation/Water/Gas Seepage/Fire Isolation in Mines	Prof. D. C. Panigrahi	ME	BDMBIL
290.	2369	Evaluation of Performance and Behavior of Ventilation and Safety equipments, and Analysis and Interpretation of Air Samples of Sendra Bvansjora Colliry, BCCL	Prof. D. C. Panigrahi	ME	BCCL
291.	2371	Environmental Monitoring by Third Party	Dr. S. K, Gupta	ESE	NTPC
292.	2372	Functional Ability tests of Self Rescuers of Baikunthapur Area Bilaspur, SECL	Prof. D. C. Panigrahi	ME	SECL
293.	2373	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bijuri Colliery, Handeo Area SECL	Prof. D. C. Panigrahi	ME	SECL

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294.	2374	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Somna Colliery, Hansdeo Area SECL	Prof. D. C. Panigrahi	ME	SECL
295.	2375	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kuya Colliery	Prof. D. C. Panigrahi	ME	BCCL
296.	2376	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Salanpur Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
297.	2377	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Saoner Sub-area WCL	Prof. D. C. Panigrahi	ME	WCL
298.	2378	Sub-Sieve Size Analysis using Cyclosizer.	Mr. Anand Anupam	FME	ADEA.
299.	2380	Evaluation of Performance and Behavior of Self rescuers of CSE Corporation Submitted by New Techsal, Bangalore	Prof. D. C. Panigrahi	ME	NTB
300.	2382	Consultancy for Web based Application development in LAMP Plat form.	Shri Dipankar Roy	CSE	PSDL
301.	2383	Geological and Geophysical Surveys in and Around the Proposed Atleged Gold Treasure Sites in UP	Prof. Atul Kr. Verma	AGL	PSMSMAMFP
302.	2384	Testing of Kiln Waste Char	Prof. V. K. Saxena	FME	JSS
303.	2387	Sub Sieve Size Analysis Using Cyclosizer	Mr. Anand Anupam	FME	CDE
304.	2388	Determination of some Physical and Chemical properties of quick setting Cement Capsule (Two Sample) of Baikunthapur area SECL	Prof. D. C. Panigrahi	ME	SECL
305.	2389	Determination of Compressive and Anchorage Strength of quick setting cement capsules of Baikunthpur Area, SECO	Shri P. K. Behera	ME	SECL
306.	2390	Offering off-campus course one day on Technology Applications in Mining and Mine Automation	Dr. A. K. Mishram	ME	ASPL
307.	2391	Calibration of Force Measuring Device of Pre-Stressed udyog 100 kN & 200 kN Capacity	Shri P. K. Behera	ME	PUPL
308.	2392	Disaster management Plan for Coking Coal Washery.	Dr. Biswajit Paul	ESE	TSL
309.	2393	Off-Campus Course on Best Blasting Practices for Improved Productivity and Safety in Coal Mine for IBP & ECL excutives	Dr. A. K. Mishra	ME	ECL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
310.	2394	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Haldibari Colliery Hansdeo Area SECL	Prof. D. C. Panigrahi	ME	SECL
311.	2395	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kumardhubi Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
312.	2396	Scientific Studies of roof fall and Supports of Galleries in Girimint Incline Colliery (KDI)	Prof. U. K. Singh	ME	ECL
313.	2399	Field study and Evaluation of Performance of NVE dust collector Models in IDM30 and IDM70 blast hole drill Machines of Atlas Copco (India) Ltd. Operating in different mines of NCL	Prof. D. C. Panigrahi	ME	ACL
316	2402	Determination of Compressive and Anchorage Strength of quick setting cement capsules of BSI Kargali UG Mine B&K Area CCL	Shri P. K. Behera	ME	CCL
314.	2404	Evaluation of Performance and Behavior of Ventilation and Safety Instruments West Jhagorakhand Colliery Hasdeo Area SECL	Prof. D. C. Panigrahi	ME	SECL
315.	2405	Evaluation of Performance and Behavior of Ventilation and Safety Instruments Pench Area WCL	Prof. D. C. Panigrahi	ME	WCL
316.	2406	Evaluation of Performance and Behavior of Safety Instruments MRS Dhansar BCCL	Prof. D. C. Panigrahi	ME	BCCL
317.	2407	Evaluation of Performance and Behavior of Ventilation and Safety Instruments Murlidih 20/21 pits Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
318.	2408	Analysis and Interpretation of gas Samples of Kunustoria Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
319.	2409	Evaluation of Performance and Behavior of Ventilation and Safety instruments of MRS CCL	Prof. D. C. Panigrahi	ME	CCL
320.	2410	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Patherkhera Area, WCL	Prof. D. C. Panigrahi	ME	WCL
321.	2411	Field Investigations Modelling and design of Ventilation system for operating 03 Production distries in XVIII Top Seam of Parbetpur Coal Mine of Electrosteel Castings Ltd.	Prof. D. C. PanigrahiI	ME	PCMEC
322.	2414	Analysis and Interpretation of air Samples of Premier Explosives Ltd.	Prof. D. C. Panigrahi	ME	PEL
323.	2415	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Govindpur Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
324.	2416	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kapildhara Colliery SECL	Prof. D. C. Panigrahi	ME	SECL
325.	2417	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bussereya Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
326.	2418	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Mekon International, Dhanbad	Prof. D. C. Panigrahi	ME	MIL
327.	2419	Evaluation of Performance and behavior of Ventilation and Safety Instruments of Rescue Room Patherkhera Area.	Prof. D. C. Panigrahi	ME	RRP
328.	2424	Scientific Study to Suggest Method of Extraction of No.4 Seam under 3 seam Goaved out BG Panels at GDK II Incline	Prof. U. K. Singh	ME	SCCL
329.	2425	Sieve Analysis of Bottom Ash of CTPS	Dr. Anshumali	ESE	BCCL
330.	2432	Analysis of one air Sample at the Surface of the mine & One Water Sample from the Main discharge of Mine Water	Mr. B. K. Mishra	ESE	BCCL
331.	2433	Testing of Coal samples.	Shri Shravan Kumar	FME	ECL
332.	2434	Testing of Diesel Sample, Emta Coal Ltd.	Dr. T. K. Naiya	PE	ECL
333.	2436	Determination of some physical and Chemical properties of quick setting cement capsule of Katras Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
334.	2437	Analysis and interpretation of mine Air samples of Jarangdih Colliery , CCL	Prof. D. C. Panigrahi	ME	CCL
335.	2438	Evaluation of performance and behavior of Ventilation and safety instruments of Argada Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
336.	2439	Determination of compressive and anchorage strength of quick setting cement capsuls of Katras Area, BCCL	Shri P. K. Behera	ME	BCCL
337.	2440	Facilitating the process of conducting Risk Assessment in underground workings of Parbalpur Mine under Electrosteel Casting limited.	Dr. R. M. Bhattacharjee	ME	PMEC
338.	2441	Setting up suitable Municipal solid waste management Technique	Dr. S.R. Samaddar	ESE	NMDC
339.	2443	Off-Campus Course for GATE Executives on Minerals Processing Aspects for Mining and Mineral Industry at Pune.	Prof. VMSR Murthy	ME	IGATE



Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
340.	2447	Evaluation of Performance and behavior of ventilation and safety Instruments of ADI Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
341.	2445	Determination of Bond's Work Index of Choromite Sample	Prof. N. Suresh	FME	SGS
342.	2450	Evaluation of Performance and behavior of ventilation and Safety Instruments of Mekon International, Dhanbad.	Prof. D. C. Panigrahi	ME	MID
343.	2453	Conducting Scientific Study for Blast Induced ground vibration near surface feature for Development of 'C' seam of somna Colliery, SECL	Dr. B. S. Choudhuri	ME	SECL
344.	2455	Conducting Annual Compreshensive Environment Audit at O.P. Jindal Super Thermal Power Plant Tammar Raigarh	Prof. Gurrdeep Singh	ESE	JPL
345.	2456	DPR Preparation for proposed college of Engineering at Singrauli, MP	Dr. A. K. Mishra	ME	DTE
346.	2457	Sampling and Analysis of 4500MT Slurry at Mohuda Coal Washery	Mr. Anand Anupam	FME	BCCL
347.	2458	Analysis of Coal sample of KDH Project North Karanpura Area, CCL	Dr. Salini Goutam	FME	CCL
348.	2459	Proximate Analysis and GCV Estimation of Damoda Colliery Coal Sample.	Dr. N. Suresh	FME	BCCL
349.	2460	Evaluation of Behavior and Performance and Safety Instruments of Rescue Room Chirimiri Area, SECL.	Prof. D. C. Panigrahi	ME	SECL
350.	2461	Analysis and Interpretation of air samples of Mandman Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
351.	2462	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Tawa Mine Pathekhera Area WCL	Prof. D. C. Panigrahi	ME	WCL
352.	2463	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Chhatrapur Colliery, Pathekhera Area WCL	Prof. D. C. Panigrahi	ME	WCL
353.	2464	Analysis of Interpretation of air Samples of Parbatpur Colliery Electrosteel Castings Ltd.	Prof. D. C. Panigrahi	ME	PCECL
354.	2465	Learning from Each other Workshop 21-23 Jan, 2014	Prof. R. Venugopal	FME	SAIL
355.	2466	Prximate analysis and GCV Estimataion of Damuda Colliery Coal Sample	Prof. N. Suresh	FME	BCCL



Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
356.	2467	Gyroscopic Survey of Alignment Survey in the Tunnel Using Gyromat 3000	Dr. Dheeraj Kumar	ME	Gurgaon
357.	2469	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Khoodia Colliery	Prof. D. C. Panigrahi	ME	ECL
358.	2470	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of murpur Sub-Area Umrer Area WCL	Prof. D. C. Panigrahi	ME	WCL
359.	2471	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Chinakuri Mine III ECL	Prof. D. C. Panigrahi	ME	ECL
360.	2472	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Sudamdih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
361.	2473	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Amalgamated Keshalpur West Mudidih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
362.	2474	Field Investigations Modelling and Simulation Studies for designing Ventilation System of Noonudih-Jitpur Coliery Phase - II	Prof. D. C. Panigrahi	ME	BCCL
363.	2475	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Amal S.P. Incline, BCCL	Prof. D. C. Panigrahi	ME	BCCL
364.	2476	Estimation of GCV of Samples	Prof. V. K. Saxena	FME	ECL
365.	2477	Evaluation of Mining Method Options of Bikram Coal Block Prepared by IIT, BHU	Prof. U. K. Singh	ME	SATNA
366.	2479	Determination of Cerchar Hardness and Cerchar Abrasivity Index of Some rock Samples.	Prof. V. M. S. R. MurthyI	ME	CIMFR
367.	2480	Technical Feasibility study on Recovery of Uranium Bearing Mineral from tailing of Mosaboni Copper Corporation	Prof. S. Bhattacharya	FME	UCIL
368.	2481	Calibration of Force Measuring device of Pre-stressed Udyog (I) Pvt. Ltd.	Dr. A. K. Mishra	ME	PUPL
369.	2482	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Kanhan Area WCL	Prof. D. C. Panigrahi	ME	WCL
370.	2483	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Saoner Sub-Area, WCL	Prof. D. C. Panigrahi	ME	WCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
371.	2484	Water Table Study of Sarabh Automobile Plant	Dr. S. K. Gupta	ESE	SA
372.	2485	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Rajnagar Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
373.	2486	Analysis and Interpretation of Coal Samples for the determination of Moisture and Volatile Matter of Amadand Sub Area SECL	Prof. D. C. Panigrahi	ME	SECL
374.	2487	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Mudidih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
375.	2488	Teting of Coal Samples.	Mr. Shravan Kumar	FME	ECL
376.	2489	Testing of Coal samples.	Prof. N. R. Mandre	FME	BCCL
377.	2490	Testing of Coal samples.	Prof. N. R. Mandre	FME	BCCL
378.	2491	Size Analysis Using Cyclosizer	Mr. Anand Anupam	FME	CDE
379.	2492	Environmental Evaluation for Opencast and Underground Feasibility for Parso Block, CSPGL, AEL	Dr. Biswajit Paul	ESE	PCL
380.	2495	Compressive strength of Paver Block of Hindustan Petroleum Corporation Ltd., Ranchi	Dr. A. K. Mishra	ME	HPCL
381.	2496	Analysis of Coal Sample	Prof. V. K. Saxena	FME	CIMFR

**Total value of the projects carried forward from the Previous Financial Years:**

**INR 830.57 Lakhs**

## B. Consultancy Projects commenced during Financial Year 2014-15:

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
382.	2497	Analysis and Interpretation of gas Samples of Haripur Colliery,	Prof. D. C. Panigrahi	ME	ECL
383.	2498	Determination of CPT, IPT and Moisture Content of Coal Samples Shankarpur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
384.	2499	Analysis and Interpretation of gas samples of Shyampur B. Incline ECL	Prof. D. C. Panigrah	ME	ECL
385.	2500	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Surekhechar Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
386.	2501	Determination of degree of gassiness of R-VIII( Jambad) Seam of Moira Colliery, Bankola Area, ECL	Prof. D. C. Panigrahi	ME	ECL
387.	2502	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Lodna Coliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
388.	2503	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kanhan Areas Patherkhera Area WCL	Prof. D. C. Panigrahi	ME	WCL
389.	2504	Analysis of 1 air sample at the Surface of the Mine one water sample from the main discharge of Mine water	Mr. B. K. Mishra	ESE	BCCL
390.	2505	Analysis of Coal Sample from Anpara Thermal Power Station	Dr. Shalini Goutam	FME	UP
391.	2506	Mineralogical Characterization of Manganese Ore Fines.	Prof. A. S. Venkatesh	AGL	TSL
392.	2507	Question Paper Setting for Written Examination for BCCL	Prof. P. Sen	ME	BCCL
393.	2508	Analysis and Interpretation of air Samples of Jarangdih Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
394.	2509	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Bohara band Mine.	Prof. D. C. Panigrahi	ME	SECL
395.	2510	Analysis and Interpretation of air Samples of Bagdigi Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
396.	2511	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Jhiria and Malga Collieries SECL	Prof. D. C. Panigrahi	ME	SECL
397.	2513	Testing of Coal Sample	Prof. V. K. Saxena	FME	CCO
398.	2514	Testing of Coal Sample	Prof. N. R. Mandre	FME	BCCL
399.	2515	Testing of Coal Sample	Prof. N. R. Mandre	FME	AKALPL
400.	2516	Determination of Cerchar Abrasivity Index and Uniaxial Compressive Strength of Some rock sample.	Prof. VMSR Murthy	ME	MMDPL
401.	2519	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Mines Rescue Station, Dhansar.	Prof. D. C. Panigrahi	ME	MRS
402.	2520	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Khotadih Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
403.	2521	Evaluation of Performance of dust Collectors deployed along with their drilling Machines of M/s Revathi Equipment Ltd.	Prof. D. C. Panigrahi	ME	REL
404.	2522	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Kurja UG Mine, Hansdeo Area SECL.	Prof. D. C. Panigrahi	ME	SECL
405.	2523	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Dharam Incline, Raigarh Area SECL	Prof. D. C. Panigrahi	ME	SECL
406.	2524	Testing of Coal Sample	Shri S. Soren	FME	CCL
407.	2525	Proximate Analysis of Wash Coal (Power) Samples	Prof. S. Bhattacharya	FME	BCCL
408.	2526	Testing of Coal Samples	Prof. N. R. Mandre	FME	RCML
409.	2527	Testing of Gypsum Samples	Prof. N. R. Mandre	FME	SGI
410.	2528	Testing of Mn Ore	Prof. S. Bhattacharya	FME	MSEL
411.	2529	Testing of Geotechnical and Environmental Parameters of LD/BF Slag for Stowing Purpose.	Dr. Biswajit Paul	ESE	TSL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
412.	2530	Electrical Resistivity Imaging and Self Potential Survey for locating of Fracture Zones and Seepages Analysis at Talabira-1 Coal	Dr. Sanjit Kr. Paul	AGP	APEXGE
413.	2531	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Somna Colliery Hasdeo Area, ECL	Prof. D. C. Panigrahi	ME	ECL
414.	2532	Evaluation of Behavior and Performance Ventilation and Safety Instruments of SSI Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
415.	2533	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Ghusik ® Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
416.	2534	Written Test for Tata Steel Employees (IL6 Process)	Prof. P. S. Gupta	AP	TSL
417.	2536	Technical Consultancy for bidding for Jhirki and Jhirki West Coal Block Pat I and II	Prof. S. Choudhari	ME	SAIL
418.	2537	Collection of Raw Coal Sample for Kulda OCP and Analysis of Heavy Metales in Raw Coal Washed Coal and Raject	Prof. Gurdeep Singh	ESE	MCL
419.	2538	Proximate Analysis and GCV Estimation of Damoda Colliery Coal Sample	Prof. N. Suresh	FME	MCL
420.	2539	analysis of Coal Sample of Washed Coal (Poweer) of Mahuda Coal Washery	Prof. V. K. Saxena	FME	BCCL
421.	2540	Testing of Coal Samples.	Prof. V. K. Saxena	FME	BCCL
422.	2541	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Saoner Sub Area WCL	Prof. D. C. Panigrahi	ME	WCL
423.	2542	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Sodepur ® Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
424.	2543	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Chatarpur Mine I WCL	Prof. D. C. Panigrahi	ME	WCL
425.	2544	Evaluation of Behavior and Performance Centilation and Safety Instruments of Rayt Bachra Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
426.	2545	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Advance Welding Corporation Dhanbad	Prof. D. C. Panigrahi	ME	AWC
427.	2546	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Talchar Colliery, MCL	Prof. D. C. Panigrahi	ME	MCL
428.	2547	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Methani Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
429.	2548	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Narsumunda Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
430.	2549	Functional ability tests of self rescuers of NCPH R-6 Colliery SECL	Prof. D. C. Panigrahi	ME	SECL
431.	2550	Evaluation of Behavior and Performance Ventilation and Safety Instruments of PB Project Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
432.	2551	Functional Ability tests of Self Rescuers of Chirimiri UG sub Area SECL	Prof. D. C. Panigrahi	ME	SECL
433.	2552	Functional Ability tests of Self Rescuers of Rani Atari UG Mine SECL	Prof. D. C. Panigrahi	ME	SECL
434.	2555	Strata monitoring at CM District (Sub-Panel P9 to Sub-Panel P16) of Saripi Project, SSPur Colliery Bankola Area ECL	Dr. A. K. Mishra	ME	ECL
435.	2556	Testing of two Waste Water Samples for M/S ENC Ltd.	Dr. S. K. Gupta	ESE	ENCL
436.	2557	Testing of two Waste Water Samples for M/S ENC Ltd.	Dr. S. K. Gupta	ESE	ENCL
437.	2558	Monitoring of Ambient air (onestation) and Analysis of Mine Water (one Sample) for Bararee Colliery of BCCL	Mr. B. K. Mishra	ESE	BCCL
438.	2559	Analysis of Washed Coal (Power) Samples.	Mr. Anand Anupam	FME	BCCL
439.	2560	Evaluation of Performance and Behavior of Safety instruments Silwara Sub Area Nagpur	Prof. D. C. Panigrahi	ME	WCL
440.	2561	Evaluation of Performance and Behavior of Safety Instruments Govindpur Area BCCL	Prof. D. C. Panigrahi	ME	BCCL
441.	2562	Evaluation of Performance and Behaviour of Safety Instruments K. B. Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
442.	2563	Evaluation of degree of gassiness of III Seam of Phularitand Colliery Barora Area BCCL	Prof. D. C. Panigrahi	ME	BCCL
443.	2564	Evaluation of Performance and Behavior of Safety Instruments Hurriladih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
444.	2565	Field Investigations Modelling and Simulation Studies for designing Ventilation System of Rajpura Darioba Mines HZL (2nd years)	Prof. D. C. Panigrahi	ME	HZL
445.	2566	Evaluation of Performance and Behavior of Safety Instruments Mine Rescue Room, Parasia WCL	Prof. D. C. Panigrahi	ME	WCL
446.	2567	Evaluation of Performance and Behavior of Safety Instruments MRS Sitarampur ECL	Prof. D. C. Panigrahi	ME	ECL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
447.	2568	Design of Settling Pond at Ambuja Cement Plant	Dr. S. K. Gupta	ESE	ACL
448.	2569	Sampling and Analysis of 20,000 MT Slurry of Moonidih Coal Washery	Prof. S. Bhattacharya	FME	BCCL
449.	2570	Testing of Coal Samples.	Shri Sharvan Kumar	FME	BCCL
450.	2571	Guest aculty for the LEO Workshop on Reduction of Gangue Content from Iron Ore fines.	Prof. N. Suresn	FME	SAIL
451.	2572	Testing of Coal Samples.	Shri Shravan Kumar	FME	BCCL
452.	2573	Testing of Coal Samples.	Shri Shravan Kumar	FME	ECL
453.	2575	Determination of degree of gassiness of U. K. Bottom Seam of Meera Incline, Kotma Govindpur Sub Area SECL	Prof. D. C. Panigrahi	ME	SECL
454.	2576	Evaluation of Performance and Behavior of Safety Instruments Swati Safesecure(P) Ltd.	Prof. D. C. Panigrahi	ME	SSSEPL
455.	2577	Evaluation of Performance and Behavior of Safety Instruments Salanpur Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
456.	2578	Evaluation of Performance and Behavior of Safety Instruments Bhagaband Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
457.	2579	Evaluation of Performance and Behavior of Safety Instruments Jhanjra Project Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
458.	2580	Characterization of Phosphate fines and Associated test work for Flowsheet.	Dr. S. Bhattacharya	FME	PUM
459.	2581	Chemical testing of Steel for Manufacturing of high set remote Prop.	Prof. D. C. Panigrahi	ME	PVR
460.	2582	Chemical testing of Steel for Manufacturing of high set remote Prop.	Prof. D. C. Panigrahi	ME	BMS
461.	2583	Evaluation of Performance and Behavior of Safety Instruments and Analysis of air Samples of Sawang Colliery.	Prof. D. C, Panigrahi	ME	CCL
462.	2584	Evaluation of Performance and Behavior of Safety Instruments of Mekon International.	Prof. D. C. Panigrahi	ME	MIL
463.	2585	Analysis and Interpretation of air Samples of Hariajam Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
464.	2586	Testing of Coal Samples.	Prof. N. R. Mandre	FME	CCL.



Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
465.	2587	Testing of Coal Samples.	Prof. N. R. Mandre	FME	ECL
466.	2588	Determination of RMR of III Coal Seam of Phularitand Colliery	Dr. Amit Kr. Verma	ME	BCCL
467.	2589	Physico-Mechanical Properties of high Set Remote Prop.	Dr. A. K. Mishra	ME	BMS
468.	2590	Physico-Mechanical Properties of high Set Remote Prop.	Dr. A. K. Mishra	ME	PVR
469.	2591	Determination of Cerchar Hardness and Abrasivity Index of Some rock Samples.	Prof. VMSR Murthy	ME	CIMFR
470.	2592	Testing of Coal Samples	Prof. N. R. Mandre	FME	RMC
471.	2593	Evaluation of Performance and Behavior of Safety Instruments and Analysis of air Samples of Damoda Nandira and Natraj Collieries BCCL & MCL	Prof. D. C. Panigrahi	ME	BCCL & MCL
472.	2594	Evaluation of Performance and Behavior of Safety Instruments of Moonidih Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
473.	2595	Development of an Underwater Drilling and Controlled Blasting Methodology for Hard rock Dredging Between VCTPL and ore Berth of Vizag Port, Port of Vishakhapatnam	Prof. V.M.S.R. Murth	ME	ISDL
474.	2596	Testing of Coal Samples	Shri S. Soren	FME	ECL
475.	2597	Calibration of Force Measuring Device of Muva Industries Ltd.	Dr. A. K. Mishra	ME	MIL
476.	2598	Analysis and Interpretation of Mine air Sample of Badjna Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
477.	2599	Evaluation of Performance and Behavior of Safety Instruments Phularitand Colliry, BCCL	Prof. D. C. Panigrahi	ME	BCCL
478.	2600	Evaluation of Performance and Behavior of Safety Instruments Godhar Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
479.	2601	Evaluation of Performance and Behavior of Safety Instruments G Begunia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
480.	2602	Evaluation of Performance and Behavior of Safety Instruments Sudamdih Incline mine BCCL	Prof. D. C. Panigrahi	ME	BCCL
481.	2603	Scientific Study for delineation of fire at Gaslitand mine for Safety of Adra Gomo South Eastern Railway Line, BCCL	Prof. D. C. Panigrahi	ME	BCCL



Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
482.	2604	Analysis and Interpretation of Mine air Samples for Ascertaining the Atomospheric Concolitions including the conditions of fire Areas for Improving Safety in Sijua Colliery Tata Steel Ltd.	Prof. D. C. Panigrahi	ME	TSL
483.	2605	Evaluation of Performance and Behavior of Safety Instruments of Palkimara Incline SECL	Prof. D. C. Panigrahi	ME	SECL
484.	2606	Analysis and Interpretation of air Samples of Kumardhubi Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
485.	2607	Evaluation of Performance and Behavior of Safety Instruments of Dhori (Khas) Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
486.	2608	Written Test for Tata Steel Employees (IL6 Process)	Prof. P. S. Gupta	AP	TSL
487.	2610	Electrical Resistivity Imaging Survey for Stability Mapping of Proposed Area, Jogidih.	Dr. U. K. Singh	ME	BCCL
488.	2612	Testing of Ground Water Sample of Korba.	Mr. Brijesh Kumar	ESE	AR&DS
489.	2613	Evaluation of Performance and Behavior of Safety Instruments of Kenda Area ECL	Prof. D. C. Panigrahi	ME	ECL
490.	2614	Evaluation of Performance and Behavior of Safety Instruments of Chapapur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
491.	2615	Evaluation of Performance and Behavior of Safety Instruments of Mandaman Colliery, Mugma Area, ECL	Prof. D. C. Panigrahi	ME	ECL
492.	2616	Modelling and design of Ventilation System for Producing 0.9 to 1 Millon tonnes of Coal from Newly developed underground coal Mine of Jindal Power Ltd.	Prof. D. C. Panigrahi	ME	JPLR
493.	2617	Evaluation of Performance and Behavior of Safety Instruments Kandhan Area WCL	Prof. D. C. Panigrahi	ME	WCL
494.	2618	Analysis and Interpretation of air Samples of Lakhimata Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
495.	2619	Evaluation of Performance and Behavior of Safety Instruments MRS Dhansar, BCCL	Prof. D. C. Panigrahi	ME	BCCL
496.	2620	Evaluation of Performance and Behavior of Safety Instruments of Badjna Colliery and Chinakuri Mine No.III ECL	Prof. D. C. Panigrahi	ME	ECL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
497.	2621	Analysis and Interpretation of air Samples of Jarangdih Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
498.	2622	Evaluation of Performance and Behavior of Safety Instruments and Analysis and Interpretation of air Samples of Bhurkunda Project CCL	Prof. D. C. Panigrahi	ME	CCL
499.	2623	Testing of Coal Samples.	Prof. N. R. Mandre	FME	CCO
500.	2624	Testing of Coal Samples.	Shri Shravan Kumar	FME	BCCL
501.	2628	A Study of fire in the leasehold of Karo-IOCP and dealing their of B & K Area CCL	Prof. D. C. Panigrahi	ME	CCL
502.	2629	Evaluation of Performance and Behavior of Safety Instruments of Patherdih Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
503.	2630	Evaluation of Performance and Behavior of Safety Instruments of Amalgamated Keshalpur West Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
504.	2631	Evaluation of Performance and Behavior of Safety Instruments MRS Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
505.	2632	Evaluation of Performance and Behavior of Safety Instruments of MRS Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
506.	2633	Evaluation of Performance and Behavior of Safety Instruments of Simlabahal Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
507.	2634	Evaluation of Performance and Behavior of Safety Instruments of Kuja Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
508.	2635	Discussions and Preliminary Assessment of Problems related to GCV Mismatch at Power Plants of CESC Ltd.	Prof. S. Bhattacharya	FME	CESEC
509.	2636	Evaluation of Performance and Behavior of Self Rescuers (SCSRs) of Intech Safety Pvt. Ltd.	Prof. D. C. Panigrahi	FME	ISPL
510.	2637	Testing of Coal Samples.	Prof. N. R. Mandre	FME	CCL
511.	2638	Development of Course Modules for Mining Technician under The Skill Development Training Programme SCTE & VT, Govt. of Odisha.	Prof. V. M. S. R. Murthy	ME	SCTE & VT

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
512.	2639	Vetting of drawings for development of Surda Underground Copper Mines of HCL	Prof. U. K. Singh	ME	HCL
513.	2640	Scientific Study of Effect of Extraction of Panel No.33 on Surface and Shaft of Murlidih 20/21 Pits Colliery	Prof. U. K. Singh	ME	BCCL
514.	2642	Washability Studies on Some of the CCL Colliery Coal Sample.	Prof. N. Suresh	FME	SAIL/CCSO
515.	2643	Analysis and Interpretation of air Samples of Khoodia Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
516.	2644	Testing of Coal Samples	Dr. Shalini Goutam	FME	BCCL
517.	2645	Testing of Coal Samples	Dr. Shalini Goutam	FME	ECL
518.	2646	Analysis of Coal Samples from Obara Thermal Power Station	Dr. Shalini Goutam	FME	EE CWCD
519.	2648	A Study of fire on Dhanbad - Chandrapura Railway Line at Sendra Bansjora Colliery and Suggestion of Precautionary Measures there of Sijua Area, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
520.	2649	To Study Blast Induced Ground Vibration during trial blasting with SMS/SME in Opencast Working of New Akashkinaree Colliery	DR. A. K. Mishra	ME	BCCL
521.	2650	Calibration of Force Measuring device of Pre-Stressed Udyog (India) Pvt. Ltd.	Dr. A. K. Mishra	ME	PUPL
522.	2651	Analysis of Ambient air Sample & Water Sample from Main Mine discharge of Bararee Colliery.	Mr. B. K. Mishra	ESE	BCCL
523.	2653	Testing of Coal Samples.	Shri S. Soren	FME	CIL
524.	2654	Testing of SS Wire Cloths, BCCL	Dr. L.A.Kumarasamidhas	MME	BCCL
525.	2655	Analysis and Interpretation of Mine air Samples of Mandaman Colliery ECL.	Prof. D. C. Panigrahi	ME	ECL
526.	2656	Evaluation of Performance and Behavior of Safety Instruments of Bararee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
527.	2657	Evaluation of Performance and Behavior of Safety Instruments of Saoner Sub Area WCL	Prof. D. C. Panigrahi	ME	WCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
528.	2658	Determination of Some Physical and Chemical Properties of quick Setting Cement Capsule of Moonidih Project, BCCL	Prod. D. C. Panigrahi	ME	BCCL
529.	2659	Determination of Compressive and Anchorage Strength of quick Setting Cement Capsule of Moonidih Project, BCCL	Dr. A. K. Mishra	ME	BCCL
530.	2661	2 days Off-Campus course on Mining Equipment for SCCL officials on 18/19 July, 2014	Prof. K. Dasgupta Prof. T. K. Chatterjee	MME	SCCL
531.	2662	Training on Selected Topics in Coal Preparation.	Prof. S. Bhattacharya	FME	TSL
532.	2663	Evaluation of Performance and Behavior of Safety Instruments of MRS Sitarampur, ECL	Prof. D. C. Panigrahi	ME	ECL
533.	2664	Evaluation of Performance and Behavior of Safety Instruments of Baheraband Mine Hansdeo Area, SECL	Prof. D. C. Panigrahi	ME	SECL
534.	2665	Analysis and Interpretation of Mine air Samples of Karo Special Project Phase II CCL	Prof. D. C. Panigrahi	ME	CCL
535.	2666	Evaluation of Performance and Behavior of Safety Instruments of AB Incline - Silwara Sub Area, WCL	Prof. D. C. Panigrahi	ME	WCL
536.	2667	Analysis and Interpretation of Mine Air Samples of Mandaman Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
537.	2669	Evaluation of Performance and Behavior of Safety Instruments as given by MRS Patherkhera Area, WCL	Prof. D. C. Panigrahi	ME	WCL
538.	2670	To Determine the 800m Wide Zone based on the Slope distance at the Interface of Trambari DPF and the Mining Laease boundary of Harish Cement Ltd.	Prof. P. Sen	ME	HCL
539.	2671	Preparation cum Interactives Sessions on Coal quality Issues for Senior Executive of CESC at Kolkata.	Prof. S. Bhattacharya	FME	CESE
540.	2672	Scientific Study to Suggest blast design for controlling blast induced vibration flying fragments and Blasting in fire areas in the vicinity of inhabited Area at Ena Colliery Kusunda area, BCCL	DR. A. K. Mishra	ME	BCCL
541.	2673	Testing of Coal Samples.	Shri Shravan Kumar	FME	AKALP L
542.	2674	Impact of Mining Activities on Hydrology and Hydrogeology of Core Zone Covering all 5 underground Mines of Tata Steel.	Dr. S. K Gupta	ESE	TSL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
543.	2675	Monitoring of Environmental Parameters in Respect of (i) Stack Emission test (ii) Effluent discharge test (iii) Ambient air quality test (iv) Noise level Measurement for unit 1,2,3,7 & 8 DVC CTPS Chandrapura	Dr. S. K. Gupta	ESE	DVC
544.	2676	Scientific Study on Ground Vibration Due to Blasting in a Open Cast Mine of Jindal Chomite Mines, Jindal Stainless Ltd. Chrome Valley Jajpur, Odisha.	Prof. V. M. S. R. Murthy	ME	JCMKJSL
545.	2677	Evaluation of Performance and Behaviour of Safety Instruments as given by Sodepur® Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
546.	2678	Analysis and Interpretation of Mine air Sample of Orient Mine No. 1 & 2 MCL	Prof. D. C. Panigrahi	ME	MCL
547.	2679	Evaluation of Performance and Behaviour of Safety Instruments as given by Ghusik® Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
548.	2680	Evaluation of Performance and Behavior of Safety Instruments as given by Amalgamated Angrapathra Colliery, BCCL	Prof. D. C. panigrahi	ME	BCCL
549.	2681	Magnetic Content and Chemical Analysis.	Dr. Pankaj Kr. Jain	ESE	TSL
550.	2684	Testing of Coal Samples.	Mr. S. Soren	FME	CCO
551.	2685	Testing of Coal Samples.	Dr. B. K. Nandi	FME	CCO
552.	2686	Testing of Coal Samples.	Mr. S. Soren	FME	CCO
553.	2687	Testing of Coal Samples.	Dr. B. K. Nandi	FME	CCO
554.	2688	Evaluation of Performance and Behavior of Safety Instruments of Kanhan Area WCL.	Prof. D. C. Panigrahi	ME	WCL
555.	2689	Analysis and Interpretation of Mine Air Samples of Mandaman Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
556.	2690	Analysis and Interpretation of Mine Air Samples of Mine No. 1 & 2 Orient Colliery, MCL	Prof. D. C. Panigrahi	ME	MCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
557.	2691	Evaluation of Performance and Behavior of Safety Instruments of Kajora Area, ECL	Prof. D. C. Panigrahi	ME	ECL
558.	2692	Evaluation of Performance and Behavior of Safety Instruments of Hasdeo Area SECL	Prof. D. C. Panigrahi	ME	SECL
559.	2693	Evaluation of Performance and Behavior of Safety Instruments as given by Saoner Sub Area, WCL	Prof. D. C. Panigrahi	ME	WCL
560.	2694	Evaluation of Performance and behavior of safety of Lakhimata Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
561.	2695	Evaluation of Performance and Behavior of Safety Instruments of Shyampur B. Incline , ECL	Prof. D. C. Panigrahi	ME	ECL
562.	2696	Function ability test of Self Rescuers of Tipong Colliery, NECL	Prof. D. C. Panigrahi	ME	NECL
563.	2697	Analysis and Interpretation of Mine air Samples of Jarangdih UG Mine, CCL	Prof. D. C. Panigrahi	ME	CCL
564.	2698	Evaluation of Performance and Behavior of Closed Circuit Breathing Apparatus Model CCBA 5000 Joseph Leslie Dynamics Ltd.	Prof. D. C. Panigrahi	ME	JLDL
565.	2699	Estimation of GCV of Coal Samples.	Prof. V. K. Saxena	FME	ECL
566.	2700	Testing of Water Samples Around Rajrappa Area	Mr. Brijesh Kumar	ESE	HIL
567.	2701	Analysis and Interpretation of Air Samples of CIMFR Dhanbad.	Prof. D. C. Panigrahi	ME	CIMFR
568.	2702	Evaluation of Performance and Behaviour of safety Instruments of Bararee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
569.	2705	Monitoring of Environmental Parameters in respect of Ambient air Stack Monitoring Noise Level and effluent discharge of BTPS'B	Dr. Alok Sinha	ESE	DVC
570.	2706	Heat Auditing of Coal handling Plant of Southern Generating Station, Kolkata of CESC Ltd.	Prof. S. Bhattacharya	FME	SESC

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
571.	2707	Electrical Resistivity Tomography for Locating of Cavity Zones Around Nirsa.	Dr. Sanjit Kr. Paul	AGP	L & T
572.	2709	Analysis and Interpretation of air samples of Hariajam Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
573.	2710	Evaluation of Behavior and Performance Ventilation and Safety Instruments of SSI Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
574.	2711	Evaluation of Performance and Behavior of Safety Instruments of Parbatpur Colliery Electrosteel Castings Ltd.	Prof. D. C. Panigrahi	ME	ECL
575.	2712	Analysis of Six Coal Samples of Washed Coal Power of Mahuda & Moonidih Coal Washeries.	Prof. S. Bhattacharya	FME	BCCL
576.	2713	Determination of RMR of III Seam Amala SP Colliery, EJ Area Bhowra BCCL	Dr. A. K. Mishra	ME	BCCL
577.	2716	Assessment of Effect of feed quality on DRI Process and Sponge Iron Production.	Prof. R. Venugopal	FME	AKALP L
578.	2717	Determination of degree of Gassiness of III Seam of SP Batom and B.P. Bottom Seam Kumardhubi Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
579.	2718	Evaluation of Performance and Behavior of Safety Instruments of Pootkee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
580.	2719	Functional ability test of self Rescuers of NCPH Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
581.	2720	Evaluation of Performance and Behavior of Safety Instruments of Kankanee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
582.	2721	GCD Determination of Coal Sample	Dr. Shalini Gautam	FME	PTPS
583.	2722	Testing of Coal Samples	Mr. S. Soren	FME	ECL
584.	2724	Evaluation of performance and behavior of Safety instruments and Monitoring of Noise and airborne Respirable dust in Chasnalla Colliery, SAIL	Prof. D. C. Panigrahi	ME	SAIL
585.	2725	Evaluation of performance and behavior of safety instrument of MRS, Ramgarh	Prof. D. C. Panigrahi	ME	CCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
586.	2726	Evaluation of performance and behavior of safety instruments of ADI Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
587.	2727	Evaluation of performance and behavior of safety instruments of Kumardhubi Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
588.	2728	Evaluation of performance and behavior of safety instruments of Sonar sub-area, WCL	Prof. D. C. Panigrahi	ME	WCL
589.	2729	Analysis and Interpretation of air Samples of Kumardhubi Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
590.	2730	Evaluation of performance and behavior of safety instruments of MRs, Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
591.	2731	Study at Rolep Biodiversity, Hydro Electric Project.	Dr. Anshumali	ESC	VREPL.
592.	2732	Evaluation of performance and behavior of safety instruments of Rescue Room Balgi, SECL	Prof. D. C. Panigrahi	ME	SECL
593.	2733	Evaluation of performance and behavior of safety instrument of Roy-Bachhara Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
594.	2734	Evaluation of performance and behavior of safety instruments of Rajnagar RO Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
595.	2735	DGPS Survey of Demarked Boundary Pillars Vijay-II Iron Ore mine M/s Usha Martin Ltd.	Dr. Dheeraj Kumar	ME	UML.
596.	2736	Testing of Coal Samples	Sri Shravan Kumar	FME	UML
597.	2737	Testing of Coal Samples	Prof. N. R. Mandre	FME	AKALP L
598.	2738	Determination of some Physical and Chemical Properties of quick setting cement capsule of BSI Kargil UG Mine, B & K Area, CCL	Prof. D. C. Panigrahi	ME	CCL
599.	2739	Determination of Compressive and Anchorage Strength of quick setting cement capsule of BSI Kargil UG Mine B & K Area, CCL	Dr. A. K. Mishra	ME	CCL
600.	2743	Field Investigations, modelling and simulation studies for designing the ventilation systems of all UCIL Mines (2nd Year), Jaduguda.	Prof. D. C. Panigrahi	ME	UCIL
601.	2744	Field Investigations, modelling and simulation studies for designing the ventilation systems of all UCIL Mines (Part of the 1st year completed work), Jaduguda	Prof. D. C. Panigrahi	ME	UCIL
602.	2745	Evaluation of performance and behavior of safety instruments of Rescue Room, Urimari, CCL	Prof. D. C. Panigrahi	ME	CCL



Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
603.	2746	Evaluation of performance and behavior of safety instruments of Mekon International, Dhanbad	Prof. D. C. Panigrahi	ME	MIL
604.	2747	Evaluation of performance and behavior of safety instruments of silwara Mine, WCL	Prof. D. C. Panigrahi	ME	WCL
605.	2748	Analysis and interpretation of Mine air samples of Mandaman Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
606.	2749	Evaluation of performance and behavior of safety instruments of Mudidih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
607.	2750	Evaluation of performance and behavior of safety instruments of Damoda Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
608.	2751	Field Investigations, Modelling and design of Ventilation System for Mochia, Balaria, Baroi and Zawarmala Mines (Zawar Group of Mines) HZL (2nd year Study)	Prof. D. C. Panigrahi	ME	ZGM
609.	2752	Field Investigations, Modelling and designing of Ventilation Systems of Rampura-Agucha Mines (end years study period) HZL.	Prof. D. C. Panigrahi	ME	HZL.
610.	2753	Testing of Coal Samples.	Prof. N. R. Mandre	ME	AKALP L
611.	2754	Conducting Scientific Study for Expansion Planning and Safety Issues of Nongtroi Limestone Mines, Meghalaya.	Prof. V.M.S.R. Murthy	ME	CIMFR
612.	2755	Evaluation of Performance and behavior of safety instruments of Somna Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
613.	2756	Evaluation of performance and behavior of safety instruments of MRS-Dhansar, BCCL	Prof. D. C. Panigrahi	ME	BCCL
614.	2757	Evaluation of performance and behavior of safety instruments of Moonidih Project, BCCL	Prof. D. C. Panigrahi	ME	BCCL
615.	2758	Evaluation of performance and behavior of safety instruments of Baheraband and bijuri Collieries, SECL	Prof. D. C. Panigrahi	ME	SECL
616.	2759	Evaluation of performance and behavior of safety instruments of Burragarh Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
617.	2760	Determination of RMR of III Seam Incline of Salanpur Colliery, BCCL	Dr. A. K. Mishra	ME	BCCL
618.	2761	Estimation of Support Capacity of LW Panel and Cavability Analysis of XVI Top Seam, Moonidih Project, BCCL	Prof. U. K. Singh	ME	BCCL
619.	2762	Compressive strength testing of RCC tramline sleeper.	Dr. A. K. Mishra	ME	BMD

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
620.	2763	Evaluation of performance and Behavior of Ventilation and Safety instrumentations of Saunda D. Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
621.	2764	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Saunda D Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
622.	2765	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Govindpur Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
623.	2766	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Narsamunda Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
624.	2767	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Jhanjra Project Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
625.	2768	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Dhemomain Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
626.	2769	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Tawa Mine, WCL	Prof. D. C. Panigrahi	ME	WCL
627.	2770	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Sarni Mine, WCL	Prof. D. C. Panigrahi	ME	WCL
628.	2771	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Parbelia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
629.	2772	Determination of Specific Density of different Seams of Kali Mandir Patch-II of Jamunia OCP under Block II Area BCCL Seam XI/XII/ to Seam IV/V/VI/VII	Prof. Vinod P. Sinha	ME	BCCL
630.	2773	GCV Determination of Coal Sample and analysis of magnetite content, BCCL	Prof. N. R. Mandre	FME	BCCL
631.	2774	Sampling and analysis of Heep No.12 (Near Bargad Tree) of Sudamdih Coal Washery	Mr. Anand Anupam	FME	BCCL
632.	2777	Determination of magnetic content in the coal sample, BCCL	Shri S. Soren	FME	BCCL
633.	2778	Preparation of Environmental Statement in DVC Bermo Mines	Dr. Biswajit Paul	ESE	DVC
634.	2779	Calibration of Force Measuring device.	Dr. A. K. Mishra	ME	MUVA
635.	2780	Scientific Studies to Ascertain Cavability of roof at R-II/II Seam of Khotadih Colliery and to Suggest Suitable Method for Extraction of Pillars by Continuous Miner or by LHD.	Prof. U. K. Singh	ME	ECL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
636.	2781	Evaluation of performance and behavior of Safety instruments of Kanhan Area, WCL	Prof. D. C. Panigrahi	ME	WCL
637.	2782	A study of performance and behavior of Dust Ioniser (HR) of PVR Inshield Bituminous Pvt. Ltd., West Bengal.	Prof. D. C. Panigrahi	ME	PVR
638.	2783	A study of performance and behavior of Dust Bond (OC) of Calcutta Mining Sealants Pvt. Ltd., West Bengal.	Prof. D. C. Panigrahi	ME	CMS
639.	2784	Analysis and interpretation of mine air samples of Orient Colliery, MCL	Prof. D. C. Panigrahi	ME	MCL
640.	2785	Evaluation of performance and behavior of safety instruments of Dharam Incline, SECL	Prof. D. C. Panigrahi	ME	SECL
641.	2786	Analysis and interpretation of mine air samples of Ghusik (R) Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
642.	2787	Evaluation of performance and behavior of safety instruments of Jhanjra Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
643.	2788	Analysis and interpretation of mine air samples of Jhanjra Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
644.	2791	Evaluation of Performance and Behavior of Safety Instruments of Jarangdih UG Mines, CCL	Prof. D. C. Panigrahi	ME	CCL
645.	2792	Evaluation of Performance and Behavior of Safety Instruments of Govindpur Project , CCL	Prof. D. C. Panigrahi	ME	CCL
646.	2793	Analysis of Amient air Sample and Water Sample from Main Mine discharge of Bararee Colliery, BCCL	Dr. B. K. Mishra	ESE	BCCL
647.	2794	Technical Consultancy for Wastewater Management and Control of Water Pollution from plant and Mines of Kirandul Complex	Dr. S. K. Gupta	ESE	NMDC
648.	2641	Subsidence monitoring at Essar Raniganj CBM Block at Durgapur (RG(E)-CBM-2001/1 Block	Dr. Dheeraj Kumar	ME	ESSAR
649.	2796	Analysis of Coal Sample of III Seam at PB Incline of Phularitand Colliery.	Dr. A. K. Verma	ME	BCCL
650.	2797	Testing of Dust Bond (OC)	Prof. S. K. Maiti	ESE	CMSPL
651.	2798	Testing of Dust Ioniser (HR)	Dr. S. R. Samadder	ESE	PVR
652.	2799	Scientific study for blast vibration Measurement on quarterly basis for 2014-15 at Rajapur OCP	Dr. A. K. Mishra	ME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
653.	2800	Determination of Specific gravity of Coal Seam I, II and III of Amalgamated NTST Colliery	Dr. Shalini GoutamI	FME	BCCL
654.	2801	Scientific Studies to Predict Surface Subsidence due to Extraction of Coal in Continuous Mines Panel at Jhanjra Project Colliery/	Prof. U. K. Singh	ME	ECL
655.	2082	Testing of Coal Samples	Prof. N. R. Mandre	FNE	ECL
656.	2803	Testing of Coal Samples	Shri Sharvan Kumar	FNE	AKALPL
657.	2804	Technical Consultant for Guiding SAIL in e-auction of Coal Blocks.	Prof. S. Choudhuri	ME	SAIL
658.	2805	To Study Blast Induced Ground Vibration, Fly rock and Noise due to blasting Operation at Dobari Colliery BCCL in the Vicinity of Inhabited Area.	Dr. A.K. Mishra	ME	BCCL
659.	2807	Geotechnical lab testing of drill core samples from RA mine HZL.	Dr. A. K. Mishra	ME	HZL
660.	2808	Evaluation of performance and Behavior of Safety Instruments of Sodepur ® Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
661.	2809	Evaluation of performance and Behavior of Safety Instruments of Phularitand Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
662.	2810	Evaluation of Performance and Behavior of Safety Instruments of Tetulmari Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
663.	2811	Evaluation of Performance and Behaviour of Safety Instruments of Loyabad Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
664.	2812	Evaluation of Performance and Behavior of Safety Instruments of Saoner Sub Area WCL	Prof. D. C. Panigrahi	ME	WCL
665.	2813	Determination of Crushability Index and Bonds ball Mill Work Index for grinding and abrasion characteristics of the Iron Ore Samples from DMT Consulting (P) Ltd.	Prof. Vinod P. Sinha	ME	DMT CPL
666.	2815	Teaching Assignment of QMB-II Course for PGDM program at IIM Ranchi 19 - 21 Nov. 2014 and 15 - 17 Dec. 2014.	Dr. Sandeep Mandal	MS	IIM
667.	2816	Conducting Examination for BCCL	Dr. Saymuya Singh Prof. Pramod Pathak	MS	BCCL
668.	2817	Mix of Concrete (M25 Grade)	Dr. Sanket Nayak	Civil	CPWD

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
669.	2820	Field Investigations Modelling and Design of Ventilation System of Sindesar Khurd Mine HZL (1st year Peried their Order No.HZL/Proj/Order/SKMine 170 Ammendment 1 dated 13-11, 2014	Prof. D. C. Panigrahi	ME	HZL
670.	2821	Evaluation of Performance and Behavior of Safety Instruments of Bararee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
671.	2822	Evaluation of Performance and Behavior of Safety Instruments of MRS Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
672.	2823	Evaluation of Performance and Behavior of Safety Instruments of MRS Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
673.	2824	Investigation into degree of gassiness of XV Seam KB 10/12 Pits Colliery, PB area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
674.	2825	Determination of Specific gravity of Coal Sample of Seam No.11 of Rani Atari U/G Mine Chirimiri Area, SECL	Prof. D. C. Panigrahi	ME	SECL
675.	2827	Scientific Study of Steel Screw Prop for Axial loading.	Prof. A. K. Mishra	.ME	TSL
676.	2828	Determiation of bulk density of coal of RVIII Seam, RIII Seam and R11 Seam of Sonepur Bazari Mine, ECL	Prof. D. C. Panigrahi	ME	ECL
677.	2829	Evaluation of Performance and Behaviour of Safety Instruments of AB Incline WCL	Prof. D. C. Panigrahi	ME	WCL
678.	2830	Analysis of Coal Sample	Prof. V. K. Saxena	FME	CCO
679.	2831	To suggest blast for controlled blasting and study of blast induced ground vibration due to blasting operation at OC Patch II of Gaslitand Colliery, BCCL	Prof. A. K. Mishra	ME	BCCL
680.	2819	Determiation of Striping ratio of Laikdih Quarry of Ramnagar Colliery, SAIL	Dr. Dheeraj Kumar	ME	SAIL
681.	2833	Evaluation of Performance and Behavior of Safety Instruments of Baharaband Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
682.	2834	Evaluation of performance and behavior of safety instruments of Damoda Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
683.	2835	Evaluation of performance and behavior of mine safety instruments, analysis of air samples, air borne respirable dust and noise measurements of Noonudih-Jitput Colliery, ISP-SAIL	Prof. D. C. Panigrahi	ME	SAIL
684.	2835	Evaluation of performance and behavior of mine safety instruments, analysis of air samples, air borne respirable dust and noise measurements of Noonudih-Jitput Colliery, ISP-SAIL	Prof. D. C. Panigrahi	ME	SAIL

<b>Sl. No.</b>	<b>Consultancy Project Number</b>	<b>Title of the Consultancy Project</b>	<b>Consultant In-Charge</b>	<b>Consultant In-Charge in the Deptt.</b>	<b>Sponsoring Organization</b>
685.	2837	Evaluation of performance and behavior of mine safety instruments, analysis of air samples, air borne respirable dust and noise measurements of Chasnala Colliery, ISP-SAIL	Prof. D. C. Panigrahi	ME	SAIL

**Total value of the Consultancy projects received during the Financial Year 2014-15: INR 536.13 Lakhs**

### C. Professional Development Programmes (PDP) Executed during Financial Year 2014-15:

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks	Department
1.	2512	Application of power Electronics in Renewable Energy from 30.06.2014 to 04.07.2014	Prof. P. K. Sadhu Dr. N. Paul	60	1 week	EE
2.	2517	Rock Mechanics in Hard Rock Mining Basic Rock Mechanics Some Field Applications for HZL Executives Part – B from 30.06.2014 to 27.09.2014	Prof. V. M. S. R. Murthy Prof. D. C. Panigrahi Shri P. K. Behera	15	6 weeks	ME
3.	2518	Application of power Electronics in Renewable Energy	Prof. P. K. Sadhu Dr. N. Paul	41	1 week	EE
4.	2625	Intensive Training Programme for Management Trainees (E & M) of CIL Executives from 26.05.2014 to 27.06.2014	Prof. A. K. Mukhopadhyaya Prof. K. Dasgupta Prof. T. K. Chatterjee	19	5 weeks	MME
5.	2626	Intensive Training Programme for Management Trainees (Exavation) of CIL Executives from 26.05.2014 to 27.06.2014	Prof. K. Dasgupta Prof. A. K. Mukhopadhyaya Prof. P. S. Mukherjee	20	5 weeks	MME
6.	2553	Microwave Instrumentation and Simulation Tools from 30.06.2014 to 04.07.2014	Dr. Santanu Dwari Dr. Sushrut Das	27	1 week	ECE
7.	2554	Matlab Based Soft-Computing Techniques from 30.06.2014 to 04.07.2014	Dr. Kalyan Chatterjee	28	1 week	EE
8.	2574	Safety Engineering and Management in Coal Mines from 23-06-2014 to 28-06-2014	Dr. P. S. Paul Prof. S. Choudhary	24	1 week	EE
9.	2683	Intensive Training Programme for Management Trainees (E & M) of CIL Executives from 30.06.2014 to 01.08.2014	Prof. A. K. Mukhopadhyaya Prof. K. Dasgupta Prof. T. K. Chatterjee	22	5 weeks	MME
10.	2682	Intensive Training Programme for Management Trainees (Exavation) of CIL Executives from 30.06.2014 to 01.08.2014	Prof. K. Dasgupta Prof. A. K. Mukhopadhyaya Prof. P. S. Mukherjee	29	5 weeks	MME
11.	2609	Power Hydraulics in Heavy Eart Moving Machinerics (HEMM) from 4 - 8 August, 2014	Prof. Kabir Dasgupta Dr. A. R. Dixit	19	1 week	MME
12.	2611	Study Abroad Programme on Mining, Environment and Sustainable Development for University of South Florida - ST. Petersburg, USA, From 5 - 18 August, 2014	Prof. VMSR Murthy Dr. Ashim Kr. Pal	3	2 weeks	ME & ESE



Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks	Department
13.	2627	Mineral Processing for Officials of Ministry of Mines, Govt. of Afghanistan . From 2 Aug. to 18 Aug., 2014	Prof. Nikkam Suresh	14	2 weeks	FME
14.	2660	Mining Environment and Sustainable Development for Officials of Ministry of Mines, Govt. of Afghanistan. From 16. 08.2014 to 01.09, 2014	Prof. A. K. Pal	15	2 weeks	ESE
15.	2647	Condition Based Maintenance of Mining Equipment from 1 - 5 September, 2014	Dr. S. K. Ghosh	8	1 week	MME
16.	2652	A Primer on Geostatistics . From 6 - 21 Sept. 2014 for Scientists of AMDER	Prof. B. C. Sarkar	12	2 weeks	AGL
17.	2603	Intensive Training Programme for Management Trainees (E & M) of CIL Executives from 04.08.2014 to 05.09.2014	Prof. A. K. Mukhopadhyaya Prof. K. Dasgupta Prof. T. K. Chatterjee	27	5 weeks	MME
18.	2604	Intensive Training Programme for Management Trainees (Exavation) of CIL Executives from 04.08.2014 to 05.09.2014	Prof. K. Dasgupta Prof. A. K. Mukhopadhyaya Prof. P. S. Mukherjee	32	5 weeks	MME
19.	2668	Rock Mechanics in Hard Rock Mining Basic Rock Mechanics Some Field Applications for HZL Executives Part - A From 30 June, 2014 to 27 Sept, 2014	Prof. V. M. S. R. Murthy Prof. D. C. Panigrahi Shri P. K. Behera	15	2 weeks	ME
20.	2714	5 days Training Programme for Orientation Programme on "Underground Coal Mining" from 17th Nov. 2014 to 21st Nov., 2014	Prof. V. P. Sinha	25	1 weeks	FME
21.	2715	Advance Power Electronics from 29.11.2014 to 3.12.2014	Prof. P. K. Sadhu Dr. Nitai Pal	82	1 week	EE
22.	2723	Advances in Mine Surveying Technology from 27/10/2014 to 5/12/2014	Dr. Dheeraj Kumar	8	5 week	ME
23.	2740	Digital Image Processing and Its Applications., from 26.12.2014 to 30.12.2014	Dr. Anup Kr. Pal	38	1 week	CSE
24.	2741	Geological Aspects of Coal, CBM and Shale gas.	Prof. A. K. Verma			AGL
25.	2742	Environmental Impact Assessment of Mining Projects for Officials of Ministry of Mines.	Dr. Biswajit Paul	15	2 weeks	ESE

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks	Department
26.	2775	Drilling & Blasting , NHPC from 8 – 10 December, 2014	Prof. V. M. S. R. Murthy	9	1 week	ME
27.	2776	Cognitive Radio using USRP from 6 – 10 January, 2015	Prof. Debjani Mitra	21	1 week	EIE
28.	2789	Intensive Training Programme for Management Trainees (E & M) of CIL Executives from 27.10.2014 to 28.11.2014	Prof. A. K. Mukhopadhy Prof. K. Dasgupta Prof. T. K. Chatterjee	23	5 weeks	MME
29.	2790	Intensive Training Programme for Management Trainees (Excavation) of CIL Executives from 04.08.2014 to 05.09.2014	Prof. K. Dasgupta Prof. A. K. Mukhopadhy	30	5 weeks	MME
30.	2795	Four Weeks Advanced Training on Mining Operations for Hindustan Zinc Ltd. from 19 Jan., 2015 to 15 Feb. 2015	Dr. Dheeraj Kumar Prof. U. K. Singh	16	4 weeks	64
31.	2806	Agglomeration Techniques. From 16 - 20 Feb., 2015	Prof. R. Venugopal	13	1 week	13
32.	2814	Mining & Equipment & Electricals from 23 - 27 Feb. 2015	Prof. A. K. Mukhopaxhya Dr. Tanmoy Maiti	9	1 week	9
33.	2826	Digital Image Processing and Its Applications	Dr. Sushila Maheshkar	25	1 week	25

**Total value of the PDP executed during the Financial Year 2014-15: INR 594.62 Lakhs**

## D. Summary:

Total value of the projects carried forward from the Previous Financial Years	INR	830.57	Lakhs
Total value of the projects received during the Financial Year 2014-15	INR	536.13	Lakhs
Total value of the PDP executed during the Financial Year 2014-15	INR	594.62	Lakhs
<b>Total Value of the Projects carried out during the Financial Year 2014-2015</b>	<b>INR</b>	<b>1961.32</b>	<b>Lakhs</b>

## Abbreviations of the Department:

AC (Applied Chemistry), AGL (Applied Geology), AGP (Applied Geophysics), CSE (Computer Science & Engineering), ESE (Environmental Science & Engineering), MECH (Mechanical Engineering), MME (Mining Machinery Engineering), FME (Fuel & Mineral Engineering), ME (Mining Engineering), MS (Management Studies), PE (Petroleum Engineering)

## Abbreviations of the Sponsoring Organizations:

ACL : Auroma Coke Ltd., Dhanbad  
AEPL : Airef Engineers (P) Ltd., Gurgaon  
ARDS : Aditi R & D Services, Sindri  
ASPL : Accenture Services Pvt. Ltd., Hyderabad  
ACL : Atlas Copco (India) Ltd. Nasik - 7  
ATPS : Anpara Thermal Power Station Sonebhadra  
AKALPL : AKA Logistics Pvt. Ltd. Kolkata  
AWC : Advabce Welding Corporation, Dhanbad  
AVCTPL : Adani Vizag Coal Terminal Pvt. Ltd. Ahmedabad.  
APEXGE : APEX Geotech Engineers New Delhi  
ACL : Ambuja Cement Ltd. Ambujanagar  
BAL : Balasore Alloys Ltd., Orissa  
BCCL : Bharat Coking Coal Limited, Dhanbad  
BDMBIL : Business Development Mining BASF India Ltd.  
BIT : BIT Mesra Ranchi

BKE : B. K. Enterprises, Dhanbad  
 BMS : Boldie Mining Sealants (P) Ltd.  
 BSL : Blue Star Ltd., Mumbai  
 BCL : Birla Corporation Ltd. Satna  
 B&K : B & K Area CCL  
 BM : Balaji Minechem Dhansar, Dhanbad  
 CMSPL : Calcutta Mining Sealants Pvt. Ltd.  
 CCL : Central Coalfield Limited, Ranchi  
 CCO : Coal Controllers, Org. Dhansar, Dhanbad  
 CCO : Coal Controllers, Org., Asansol  
 CDE : CDE Asia Ltd.  
 CESE : CESE Limited Kolkata  
 CGWB : Central Ground Water Board, Patna  
 CIMFR : Central Institute of Mining & Fuel Research, Dhanbad  
 CIL : Coal India Ltd., Kolkata  
 CPWD : Central Public Work Division, Dhanbad  
 DCL : Dalmia Cement(Bharat) Ltd., Chennai  
 DDIL : Dharti Dredging & Infrastructure Ltd., Vishakhapatnam  
 DMTCP : DMT Consulting (P) Ltd. Kolkata - 56  
 DTTIPL : Deloitte Touche Tohmatsu India (P) Ltd., Secunderabad.  
 DTE : Directorate of Technical Education Govt. of MP  
 DWS : DWS Division, Hazaribagh  
 DVC : Damodar Valley Corporation  
 ECL : Eastern Coalfield Limited, Sanctoria  
 EOL : Essar Oil Ltd., Durgapur  
 ESCL : Electrosteel Castings Ltd., Kolkata  
 ESSAR : Raniganj  
 ENCL : Eastern Naphtha - Chem Ltd. Dhanbad.  
 FACOR : Facor, Bhadrak.  
 FCIAGMIL : FCI Aravali Gypsum and Minerals India Ltd. Jodhpur.  
 GEIPL : GE India Industrial Pvt. Ltd.  
 GMDC : Gujarat Mineral Development Corporation, Ahmedabad  
 GOCL : Gulf Oil Corporation Ltd., Dhanbad  
 GIMC : Govt. of India, Ministry of Coal, New Delhi.  
 GW : Godrej Waterside, Kolkata  
 GTPL : Gen Technologies Pvt. Ltd., Mohali  
 HGMCL : Hutti Gold Mines Co. Ltd., Raichur  
 HIL : Hindalco Industries Ltd. Ranchi  
 HZL : Hindustan Zinc Ltd.

HPCL : Hindustan Petroleum Corporation Ltd., Ranchi  
 HCL : Harish Cement Ltd. Sundernagar (HP)  
 IIM : Indian Institute of Management Ranchi  
 IL : Infosys Limited, Pune  
 IPL : Indu Projects Ltd. Hyderabad  
 ISPL : Intech Safety Pvt. Ltd. Calcutta  
 JBEPL : Jaya Bharat Equipment Pvt. Ltd., Kolkata  
 JIPL : Jharkhand Integrated Power Ltd. Mumbai  
 JNIL : Jayaswal Neco Industries Ltd., Raigarh  
 JPL : Jindal Power Ltd., Raigarh  
 JRD : Jharia Rehabilitation, Deptt. Dhanbad  
 JSS : Jindal Stainless Steel, Jajpur  
 JCMKJSL : Jindal Chromite Mines Kaliapani, Jindal Stainless Ltd.  
 JSS : Jay Shree Shyam Enterprise, Chirkunda, Dhanbad  
 JLDMPPL : Joseph Leslie Dynamiks Mfg. Pvt. Ltd. Mumbai  
 KCM : Khetri Copper Mine and Kolihan Copper Mine Khetri  
 KCSC : K.C. Sharma & Co., Dhanbad  
 KI : Kaphila Industries, Dhanbad  
 LWCPL : Legihton Welspun Contractors Pvt. Ltd. Gurgaon  
 MC : Ministry of Coal, New Delhi  
 MCL : Mahanadi Coalfield Ltd., Sambalpur, Orissa  
 ME : Many Enterprises, Dhanbad  
 MECL : Mineral Exploration Corporation Ltd. Nagpur  
 MIL : Mekon International Ltd., Dhanbad  
 MIEL : Monnet Ispat & Energy Ltd., Raigarh  
 MM : Ministry of Mines, Govt of Islamic Republic of Afghanistan  
 MMDPL : MMD (India) Pvt. Ltd., Kolkata  
 MNDCPL : MN Dastur & CO (P) Ltd., Kolkata  
 MOIL : MOIL Ltd., Nagpur  
 MoM : Govt. of India Ministry of Mines, New Delhi.  
 MRS : Mines Rescue Station, Dhanbad  
 MSEL : Menally Sayaji Engineering Ltd.  
 MSRT : Ministry of Shiping Road Transport, Andaman  
 NSPL : Nalwa Steel and Power Ltd., Raigarh  
 NTPC : National Thermal Power Corporation  
 NCL : Northern Coalfield Limited  
 NTB : New Techsol, Bangalore  
 OSPB : Orissa State Pollution Board, Orissa  
 PCMEC : Parbatpur Coal Mine of Electrosteel Castings Ltd.

PEL : Premier Explosives Ltd. Secunderabad.  
 PIL : Prakash Industries Ltd., Janjgit Champa(CG)  
 PTPP : Parichha Thermal Power Project Parichha, Jhansi  
 PUPL : Pre-Stressed Udyog (India) Pvt. Ltd., Dhansar, Dhanbad  
 PSML : Pursh Steels & Mining (P) Ltd.  
 PSDL : Pursuit Software Development (P) Ltd.  
 PCL : Parsa Collieries Ltd. Chhattisgarh  
 PVR : PVR Inshield Bituminous Pvt. Ltd  
 PWC : PWC, Hyderabad  
 PSMSMAMF : Private Secretary of Ministry of State, Ministry of Agriculture and Ministry of Food Processing Industries, New Delhi-110001  
 PUM : Polytechnical University of Madrid (PUM)  
 PTPS : Ponki Thermal Power Station, Panki. Kanpur  
 QCD : Quality Control Deptt. Kolkata  
 RCMLD : Rajmahal Coal Mining Ltd, Godda  
 REL : Revathi Equipment Ltd., Coimbatore  
 RCL : Rodic Contents Ltd., Ranchi  
 RL : Rites Ltd.  
 RRP : Rescue Room, Patherkhera Area  
 RSS : Rik Sales & Services, Asansol  
 SA : Sorabh Automobiles Dhanbad  
 SAFL : Sri Aurobindo Fuels Ltd., Dhanbadg  
 SAIL : Steel Authority of India Limited  
 SCCL : Singareni Collieries Company Ltd.  
 SCIPL : Superintendence Co of India (P) Ltd.  
 SECL : South Eastern Coalfield Ltd.  
 SEL-GKC : SEL-GKC (JV), Dhanbad  
 SGSIPL : SGS India Pvt. Ltd., Kolkata  
 SGI : Satguru Gum Industries, Mumbai  
 SPJSML : SPJ Steel at Mineral Ltd., Bhopal.  
 SSGL : Sesa Goa Ltd., Chitradurga  
 SSSEPL : Swati Safe Secure Equipments. Pvt. Ltd., Mumbai  
 SU : Shanti Udyog, Dhanbad  
 SVFU : Sri Venkateshwara Fibre Udyog, Bangalore.  
 SCTE & VT : Odisha  
 TCML : Tubed Coal Mines, Ltd., Ranchi  
 TIPL : Tega Industries Pvt. Ltd.  
 TSL : Tata Steel Ltd.  
 UCIL : Uranium Corporation of India Limited  
 VL : Voltas Ltd.  
 VPL : Vikram Pvt. Ltd., Sundargarh

VPT : Visakhapatnam Port Trust  
WBMDTCL : West Bengal Mineral Development & Trading Corporation Ltd.  
WCL : Western Coalfield Limited  
XT : Xstra Technology, Australia  
ZGM : Zavar Group of Mines, Rajasthan