

## PROJECTS EXECUTED DURING FINANCIAL YEAR 2015-16

### 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
13.	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

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14.	0433	Modeling of 5 inch stub cyclone treating Iron Ore Fines.	Prof. N. Suresh	ESE	TIPL
15.	0476	Insitu test of Toe-wall side of Katri River near Ramkanali Colliery,	Shri P. K. Behera	ME	BCCL
16.	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
17.	0770	Analysis of Coal, Jhama, Rangi Jhama,	Prof. V. K. Saxena	FME	SAIL
18.	0777	Mine Air analysis of Kedla U/G Project, CCL Hazaribag.	Dr. M. Yadav	Chemistry	CCL
19.	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
20.	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
21.	0898	Evaluation of performance and behaviour of gas detectors of Murlidih 20/21 pits colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
22.	0922	Mine Air Analysis of Karo Special Project Ph-II, CCL. Bokaro Thermal Bokaro.	Dr. M. Yadav	Chemistry	CCL
23.	0925	Rehabilitation of Jharia - Mine Survey in the area of Fire Zone area of Jharia Coalfields	Prof. Gurdeep Singh	ESE	JRD
24.	0962	Building Institutional Capacity for Sustainable Environment and Social Management in Mining Sector in Afghanistan	Prof. Gurdeep Singh	ESE	MM
25.	0969	Evaluation of performance and behaviour of gas detectors of Sudamdih Incline Mine, E.J. Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
26.	0975	Documentation of the Thematic Cluster of Mining As per CSD Guidelines.	Prof. Gurdeep Singh	ESE	MOEF
27.	1034	Evaluation of Performance and behaviour of gas detectors of Madhuban Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
28.	1061	Evaluation of performance and behaviour of gas detectors of Amlabad Project, BCCL	Prof. D. C. Panigrahi	ME	BCCL

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29.	1077	Evaluation of performance and behaviour of gas detectors of East Basseria Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
30.	1086	Evaluation of performance and behaviour of gas detectors of Kuja Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
31.	1104	Evaluation of performance and behaviour of gas detectors	Prof. D. C. Panigrahi	ME	BCCL
32.	1245	Scientific study to design the construction of dam in the U/G Mine	Shri P. K. Behera	ME	BCCL
33.	1253	Evaluation of Performance and Behavior of gas detectors of Bastacola Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
34.	1279	Evaluation of Performance and Behavior of gas detectors of Kuju Colliery, CCL	Prof. D. C. Panigrahi	ME	ECL
35.	1284	Evaluation of Performance and Behavior of gas detectors of Barmonditia (A) Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
36.	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
37.	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
38.	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
39.	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
40.	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
41.	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
42.	1333	Preparation of pre-feasibility from I Report for Coal washery of Kaphila Industries	Prof. Gurdeep Singh	ESE	KI

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43.	1394	Evaluation of Performance and Behaviours of gas detectors of Katras Area	Prof. D.C. Panigrahi	ME	BCCL
44.	1418	Determination of Compressive Strength and Anchorage Strength of Cement Capsules.	Shri P K Behra	ME	BCCL
45.	1467	Determination of Compressive and Anchorage Strength of quick Setting Cement Capsules of ECL	Shri P.K. Behera	ME	ECL
46.	1483	Pressure-Quantity Survey of Argada Colliery	Prof. D.C. Panigrahi	ME	CCL
47.	1484	Pressure-Quantity Survey of Roy Bachra Colliery	Prof. D. C. Panigrahi	ME	CCL
48.	1485	Pressure-Quantity Survey of Roy Bachra Colliery	Prof. D. C. Panigrahi	ME	CCL
49.	1486	Pressure-Quantity Survey of Roy Bachra Colliery	Prof. D. C. Panigrahi	ME	CCL
50.	1497	Evaluation of Performance and Behaviour of gas detectors of Pathekhera Colliery	Prof. D. C. Panigrahi	ME	WCL
51.	1504	Determination of Compressive and Anchorage Strength of quick setting cement capsule of Bera Colliery	Shri P. K. Behera	ME	BCCL
52.	1565	Evaluation of Performance and Behaviour of gas detectors of Rampur Sub Area.	Prof. D C Panigrahi	ME	MCL
53.	1575	Evaluation of Performance and Behaviour of gas detectors of Topa Colliery	Prof. D C Panigrahi	ME	CCL
54.	1627	Determination of Some Physical and Chemical Properties of quick Setting Cement Capsules of Phularitand Colliery	Prof. D. C. Panigrahi	ME	BCCL
55.	1647	Socio-Economic Survey of Fire and Land Subsidence Affected Areas of Jharia Coalfield.	Prof. Chandan Bhar	MS	BCCL
56.	1673	Analysis and Interpretation of Mine air Samples	Prof. D. C. Panigrahi	ME	CIMFR
57.	1697	Evaluation of Performance and Behavior of gas detectors of Dabor Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
58.	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

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59.	1734	Analysis and Interpretation of air samples of Kunustoria Area ECL.	Prof. D. C. Panigrahi	ME	ECL
60.	1737	Evaluation of performance and Behaviour of gas detectors Pench Area, WCL	Prof. D. C. Panigrahi	ME	WCL
61.	1741	Analysis and Interpretation of air samples of swati safe services Pvt. Ltd.	Prof. D. C. Panigrahi	ME	SSSEPL
62.	1747	Evaluation of performance and behavior of gas detectors Bejdih Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
63.	1767	Evaluation of Performance and Behavior of gas detectors of Khottadih Colliery	Prof. D. C. Panigrahi	ME	ECL
64.	1779	Evaluation of Performance and Behaviour of gas detectors of Hirakhand Bundia Mine MCL	Prof. D. C. Panigrahi	ME	MCL
65.	1795	Determination of Cerchar Hardness Index and Cerchar Abrasibity Index of Some rock Samples.	Prof. VMSR Murthy	ME	CIMFR
66.	1806	Evaluation of Performance and Behavior of gas detectors of Ramnagar Sub Area SECL	Prof. D. C. Panigrahi	ME	SECL
67.	1815	Rapid EIA/EMP for Dungri-Petia Sand Leases, Tata Steel	Dr. Biswajit Paul	ESE	TSL
68.	1816	Rapid EIA/EMP for Tetangabad Sand Leases, Tata Steel	Dr. Biswajit Paul	ESE	TSL
69.	1822	Evaluation of Performance and Behaviors of gas detectors of Bhelatand A Colliery	Prof. D. C. Panigrahi	ME	TSL
70.	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
71.	1865	Evaluation of Performance and Behavior of gas detectors of Roy Bachra Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
72.	1872	Evaluation of Performance and Behavior of gas Begunia Project BCCL	Prof. D. C. Panigrahi	ME	BCCL
73.	1877	Analysis and Interpretation of Mine air Samples of Bhelatand A Colliery Tata Steel Ltd.	Prof. D. C. Panigrahi	ME	TSL

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74.	1894	Evaluation of Performance and Behavior of gas detectors of Bastacola Colliery	Prof. D. C. Panigrahi	ME	BCCL
75.	1899	Determination of Cerchar hardness Index and Cerchar Abrasivity Index of Some rock samples.	Prof. VMSR Murthy	ME	CIMFR
76.	1900	Determination of Cerchar Hardness and Abrasivity Index of some rock samples.	Prof. VMSR Murthy	ME	CIMFR
77.	1902	Determination of Cerchar Hardness and Abrasivity Index of some rock samples.	Prof. VMSR Murthy	ME	CIMFR
78.	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
79.	1937	Evaluation of Performance and Behavior of gas detectors Many Enterprise, Dhanbad	Prof. D.C. Panigrahi	ME	ME
80.	1938	Evaluation of Performance and Behavior of gas detectors Brijuri Colliery	Prof. D. C. Panigrahi	ME	SECL
81.	1946	Evaluation of Performance and Behaviour of Mine Safety Instruments of Churi Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
82.	1955	Preparation of Environmental Management Report for DVC Mines.	Dr. B. Paul	ESE	DVC
83.	1973	Evaluation of Performance and behavior of Mine Safety Instruments of Murulidih Colliery	Prof. D. C. Panigrahi	ME	BCCL
84.	1976	Analysis and Interpretation of Mine air Sample of Chapapur Colliery	Prof. D. C. Panigrahi	ME	ECL
85.	1987	Evaluation of Performance and Behavior of Mine Safety instruments of Dubeswari Colliery, ECL	Prof. D. C. Panigrahi	ME	CCL
86.	1989	Off-Campus on Best Blasting practices for improved Productivity in U/G Metal Mines for HZL Executives	Dr. A. K. Mishra	ME	HZL
87.	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
88.	2023	Evaluation of Performance and Behavior of Chandrapur Area WCL.	Prof. D. C. Panigrahi	ME	WCL

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89.	2028	Evaluation of Performance and Behavior of Ventilation and Safety instruments of Rajur Incline WCL.	Prof. D. C. Panigrahi	ME	WCL
90.	2033	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bhawra(W) Colliery.	Prof. D. C. Panigrahi	ME	BCCL
91.	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
92.	2046	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Talcher Colliery, MCL.	Prof. D. C. Panigrahi	ME	MCL
93.	2047	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Dhori Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
94.	2048	Analysis and Interpretation of mine air samples of Dhori (K) Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
95.	2049	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Tetulmari Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
96.	2051	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Dhansar Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
97.	2055	Technical Advisory on setting up of Coal Washery - Phase - A	Prof. S. Bhattacharya	FME	DTTIPL
98.	2059	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Alkusa Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
99.	2067	Analysis of Coal Sample of Washed Coal (Power) of Mahuda Coal Washery	Prof. V. K. Saxena	FME	BCCL
100.	2072	Evaluation of performance and Behavior of gas detectors and Analysis and Interpretation of air Samples.	Prof. D. C. Panigrahi	ME	JNIL
101.	2075	Evaluation of Performance and Behavior of gas detectors of Lohapatti Colliery.	Prof. D. C. Panigrahi	ME	BCCL
102.	2076	Evaluation of Performance and Behavior of gas detectors of Bankala Area.	Prof. D. C. Panigrahi	ME	ECL
103.	2091	Evaluation of Performance and Behavior of gas Detector of Pootkee Colliery.	Prof. D. C. Panigrahi	ME	BCCL



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104.	2096	Evaluation of Performance and Behavior of ventilation and Safety Instruments of Bussereya Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
105.	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
106.	2109	Development of Mine Air colling Systems for Mines, Blue Star Ltd.	Prof. D. C. Panigrahi	ME	BSL
107.	2116	Study of Illegal Mines in CIL Subsidiaries (ECL, BCCL, CCL).	Dr. Biswajit Paul	FME	CIL
108.	2117	Study to Evaluate the Schemes of Science and Technology Program of Ministry of Mines.	Prof. U. K. Singh	ME	MoM
109.	2119	Review /Restructuring of Coal Controller Organisation.	Prof. P. Pathak	ME	MC
110.	2144	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kumardhubi Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
111.	2160	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bartunga Colliery, SECL.	Prof. D. C. Panigrahi	ME	SECL
112.	2165	Solid Waste Management Plan & Activity for 3 years Jan, 13 to Dec. 2015. 4	Prof. S.K. Maiti	ESE	NSPL
113.	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
114.	2184	Analysis and Interpretation of air Samples of Hariazam Colliery ECL.	Prof. D. C. Panigrahi	ME	ECL
115.	2187	Evaluation of Performance and Behavior of Safety instrument of Dobari Colliery Bastacola Area BCCL.	Prof. D. C. Panigrahi	ME	BCCL
116.	2188	Evaluation of Performance and behavior of Safety instruments and air sample analysis of Amalgamatod Angarapathara Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
117.	2192	Evaluation of Performance and Behavior of Safety Instruments of Hurriladih Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
118.	2193	Evaluation of Performance and Behavior of Safety Instruments and air Sample Analysis of Badgna Colliery ECL.	Prof. D. C. Panigrahi	ME	BCCL



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119.	2194	Evaluation of Performance and Behavior of gas detectors of Silewar Sub Area, WCL.	Prof. D. C. Panigrahi		WCL
120.	2210	Repid EIA/EMP for Sand Lease of Tata Steel, Kunji.	Dr. Biswajit Paul	ESE	TSL
121.	2211	Rapid EIA/EMP for Sand Lease of Tata Steel - Dungri & Bhowrah.	Dr. Biswajit Paul	ESE	TSL
122.	2212	Rapid EIA/EMP for Sand Lease of Tata Steel - Mohulbani & Gourkhuti	Dr. Biswajit Paul	ESE	TSL
123.	2213	Rapid EIA/EMP for Premsinghdih Sand Lease of Tata Steel	Dr. Biswajit Paul	ESE	TSL
124.	2215	Analysis and interpretation of air Samples of Sandra Bansjora Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
125.	2227	Coal Sample Analysis work for CHNS	Prof. V. K. Saxena	FME	SGSIPL
126.	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
127.	2239	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Gopalichuk, BCCL	Prof. D. C. Panigrahi	ME	BCCL
128.	2259	Evaluation of Performance and Behavior of Safety Instruments Analysis and Interpretation air Samples of Barraree Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
129.	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
130.	2262	Analysis and Interpretation of air samples of Shaft Mine Sudamdih, BCCL	Prof. D. C. Panigrahi	ME	BCCL
131.	2264	Evaluation of Performance and Behavior of Safety Instruments of Bhowrah South Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
132.	2274	Testing of LDO for SAIL, IISCO Steel Plant	Dr. T. K. Naiya	PE	SAIL
133.	2275	Subsidence Study of Khetri Copper Mine & Kolihan Copper Mine of Khetri Copper Complex Rajasthan	Dr. Dheeraj Kumar	ME	KCM

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134.	2277	Evaluation of Performance and Behavior of Ventilation and safety Instruments of Sudamdih Shaft Mine, BCCL	Prof. D. C. Panigrahi	ME	BCCL
135.	2280	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Basantimata Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
136.	2286	Evaluation of Performance and Behavior of Safety Instruments of Jayrampur Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
137.	2288	Analysis and Interpretation of Air Samples of Jarangdih Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
138.	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
139.	2297	Evaluation of Performance and Behavior of gas detectors of Dabor Colliery	Prof. D. C. Panigrahi	ME	ECL
140.	2301	Evaluation of Performance and Behavior of gas detectors of Chinakuri Mine No.1,	Prof. D. C. Panigrahi	ME	ECL
141.	2302	Evaluation of Performance and Behavior of gas detectors of Jharia UG Mine and Malga Colliery Hasdeo Area	Prof. D. C. Panigrahi	ME	SECL
142.	2304	Analysis and Interpretation of air Samples of North Tisra Colliery	Prof. D. C. Panigrahi	ME	BCCL
143.	2305	Analysis and Interpretation of air Samples of Lodna Colliery	Prof. D. C. Panigrahi	ME	BCCL
144.	2311	Evaluation of Performance and Behavior of gas detectors MRS Dhansar Dhanbad	Prof. D. C. Panigrahi	ME	BCCL
145.	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
146.	2313	Analysis and Interpretation of air Samples of Hingiri Rampur Colliery, MCL	Prof. D. C. Panigrahi	ME	MCL
147.	2315	Preparation of Environmental Management Report for DVC Mines.	Dr. Biswajit Paul	ESE	DVC
148.	2322	Evaluation of performance and Behavior of Ventilation and Safety instruments of RIK Sales	Prof. D. C. Panigrahi	ME	RS

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149.	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
150.	2328	Determination of GCV of Coal ample from PTP Plant.	Dr. Shalini Goutam	FME	PTPP
151.	2339	Evaluation of Performance and Behavior of Safety Instruments of Rescue Room, Surakachha-Balgi Sub Area, WCL	Prof. D. C. Panigrahi	ME	WCL
152.	2340	Conducting Werkshop on Role & Responsibility of HR Personnel in Coal Industry	Dr. Saumya Singh	MS	NCL
153.	2344	Design of Mechanised System of stoping for Ukwa Mine of MOIL	Prof. U. K. Singh	ME	MOIL
154.	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
155.	2356	Evaluation of Sustainable Development Project of ECL under MOU 2013-13 (First Phase)	Dr. P. K. Singh	ESE	ECL
156.	2361	Evaluation of Performance and Behaviour and Safety Instruments of Malga Colliery and Jharia Colliery SECL	Prof. D. C. Panigrahi	ME	SECL
157.	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
158.	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
159.	2371	Environmental Monitoring by Third Party	Dr. S. K, Gupta	ESE	NTPC.
160.	2372	Functional Ability tests of Self Rescuers of Baikunthapur Area Bilaspur, SECL	Prof. D. C. Panigrahi	ME	SECL
161.	2375	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kuya Colliery	Prof. D. C. Panigrahi	ME	BCCL

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162.	2376	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Salanpur Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
163.	2383	Geological and Geophysical Surveys in and Around the Proposed Atleged Gold Treasure Sites in UP	Prof. Atul Kr. Verma	AGL	PSMSMAMFP
164.	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
165.	2392	Disaster management Plan for Coking Coal Washery.	Dr. Biswajit Paul	ESE	TSL
166.	2394	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Haldibari Colliery Hansdeo Area SECL	Prof. D. C. Panigrahi	ME	SECL
167.	2395	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kumardhubi Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
168.	2396	Scientific Studies of roof fall and Supports of Galleries in Girimint Incline Colliery (KDI)	Prof. U. K. Singh	ME	ECL
169.	2404	Evaluation of Performance and Behavior of Ventilation and Safety Instruments West Jhagorakhand Colliery Hasdeo Area SECL	Prof. D. C. Panigrahi	ME	SECL
170.	2405	Evaluation of Performance and Behavior of Ventilation and Safety Instruments Pench Area WCL	Prof. D. C. Panigrahi	ME	WCL
171.	2407	Evaluation of Performance and Behavior of Ventilation and Safety Instruments Murlidih 20/21 pits Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
172.	2408	Analysis and Interpretation of gas Samples of Kunustoria Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
173.	2410	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Patherkhera Area, WCL	Prof. D. C. Panigrahi	ME	WCL
174.	2414	Analysis and Interpretation of air Samples of Premier Explosives Ltd.	Prof. D. C. Panigrahi	ME	PEL
175.	2415	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Govindpur Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
176.	2416	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kapildhara Colliery SECL	Prof. D. C. Panigrahi	ME	SECL
177.	2417	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bussereya 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
178.	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
179.	2425	Sieve Analysis of Bottom Ash of CTPS	Dr. Anshumali	ESE	BCCL
180.	2436	Determination of some physical and Chemical properties of quick setting cement capsule of Katras Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
181.	2438	Evaluation of performance and behavior of Ventilation and safety instruments of Argada Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
182.	2440	Facilitating the process of conducting Risk Assessment in underground workings of Parbalpur Mine under Electrosteel Casting limited.	Dr. R. M. Bhattacharjee	ME	PMEC
183.	2441	Setting up suitable Municipal solid waste management Technique	Dr. S.R. Samaddar	ESE	NMDC
184.	2448	Evaluation of Performance and behavior of ventilation and safety instruments of Burragarh Colliery, PB Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
185.	2456	DPR Preparation for proposed college of Engineering at Singrauli, MP	Dr. A. K. Mishra	ME	DTE
186.	2458	Analysis of Coal sample of KDH Project North Karanpura Area, CCL	Dr. Shalini Goutam	FME	CCL
187.	2464	Analysis of Interpretation of air Samples of Parbatpur Colliery Electrosteel Castings Ltd.	Prof. D. C. Panigrahi	ME	PC E C
188.	2470	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of murpur Sub-Area Umrer Area WCL	Prof. D. C. Panigrahi	ME	WCL
189.	2471	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Chinakuri Mine III ECL	Prof. D. C. Panigrahi	ME	ECL
190.	2474	Field Investigations Modelling and Simulation Studies for designing Ventilation System of Noonudih-Jitpur Colliery Phase - II	Prof. D. C. Panigrahi	ME	BCCL
191.	2480	Technical Feasibility study on Recovery of Uranium Bearing Mineral from tailing of Mosaboni Copper Corporation	Prof. S. Bhattacharya	FME	UCIL
192.	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

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
193.	2489	Testing of Coal samples.	Prof. N. R. Mandre	FME	BCCL
194.	2491	Size Analysis Using Cyclosizer	Mr. Anand Anupam	FME	CDE
195.	2492	Environmental Evaluation for Opencast and Underground Feasibility for Parso Block, CSPGL, AEL	Dr. Biswajit Paul	ESE	PCL
196.	2497	Analysis and Interpretation of gas Samples of Haripur Colliery,	Prof. D. C. Panigrahi	ME	ECL
197.	2498	Determination of CPT, IPT and Moisture Content of Coal Samples Shankarpur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
198.	2499	Analysis and Interpretation of gas samples of Shyampur B. Incline ECL	Prof. D. C. Panigrahi	ME	ECL
199.	2501	Determination of degree of gassiness of R-VIII( Jambad) Seam of Moira Colliery, Bankola Area, ECL	Prof. D. C. Panigrahi	ME	ECL
200.	2505	Analysis of Coal Sample from Anpara Thermal Power Station	Dr. Shalini Goutam	FME	UP
201.	2510	Analysis and Interpretation of air Samples of Bagdigi Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
202.	2511	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Jhiria and Malga Collieries SECL	Prof. D. C. Panigrahi	ME	SECL
203.	2520	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Khotadih Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
204.	2522	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Kurja UG Mine, Hansdeo Area SECL.	Prof. D. C. Panigrahi	ME	SECL
205.	2523	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Dharam Incline, Raigarh Area SECL	Prof. D. C. Panigrahi	ME	SECL
206.	2525	Proximate Analysis of Wash Coal (Power) Samples	Prof. S. Bhattacharya	FME	BCCL
207.	2529	Testing of Geotechnical and Environmental Parameters of LD/BF Slag for Stowing Purpose.	Dr. Biswajit Paul	ESE	TSL
208.	2532	Evaluation of Behavior and Performance Ventilation and Safety Instruments of SSI 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
209.	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
210.	2538	Proximate Analysis and GCV Estimation of Damoda Colliery Coal Sample	Prof. N. Suresh	FME	MCL
211.	2545	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Advance Welding Corporation Dhanbad	Prof. D. C. Panigrahi	ME	AWCL
212.	2546	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Talchar Colliery, MCL	Prof. D. C. Panigrahi	ME	MCL
213.	2547	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Methani Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
214.	2550	Evaluation of Behavior and Performance Ventilation and Safety Instruments of PB Project Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
215.	2556	Strata Monitoring at CM District (Sub-Panel P9 to Sub-Panel P16) of Sarpi Project, SSPur Colliery Bankola Area ECL	Dr. A. K. Mishra, CI	ME	ECL
216.	2562	Evaluation of Performance and Behaviour of Safety Instruments K. B. Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
217.	2564	Evaluation of Performance and Behavior of Safety Instruments Hurriladih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
218.	2565	Field Investigations Modelling and Simulation Studies for designing Ventilation System of Rajpura Darioba Mines HZL (2nd years)	Prof. D. C. Panigrahi	ME	HZL
219.	2566	Evaluation of Performance and Behavior of Safety Instruments Mine Rescue Room, Parasia WCL	Prof. D. C. Panigrahi	ME	WCL
220.	2568	Design of Settling Pond at Ambuja Cement Plant	Dr. S. K. Gupta	ESE	ACL
221.	2576	Evaluation of Performance and Behavior of Safety Instruments Swati Safesecure(P) Ltd.	Prof. D. C. Panigrahi	ME	SSSEPL
222.	2577	Evaluation of Performance and Behavior of Safety Instruments Salanpur Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
223.	2578	Evaluation of Performance and Behavior of Safety Instruments Bhagaband Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
224.	2579	Evaluation of Performance and Behavior of Safety Instruments Jhanjra Project Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
225.	2580	Characterization of Phosphate fines and Associated test work for Flowsheet.	Dr. S. Bhattacharya	FME	PUM



Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
226.	2583	Evaluation of Performance and Behavior of Safety Instruments and Analysis of air Samples of Sawang Colliery.	Prof. D. C. Panigrahi	ME	CCL
227.	2584	Evaluation of Performance and Behavior of Safety Instruments of Mekon International.	Prof. D. C. Panigrahi	ME	MIL
228.	2585	Analysis and Interpretation of air Samples of Hariajam Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
229.	2594	Evaluation of Performance and Behavior of Safety Instruments of Moonidih Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
230.	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
231.	2598	Analysis and Interpretation of Mine air Sample of Badjna Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
232.	2600	Evaluation of Performance and Behavior of Safety Instruments Godhar Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
233.	2601	Evaluation of Performance and Behavior of Safety Instruments G Begunia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
234.	2602	Evaluation of Performance and Behavior of Safety Instruments Sudamdih Incline mine BCCL	Prof. D. C. Panigrahi	ME	BCCL
235.	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
236.	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
237.	2605	Evaluation of Performance and Behavior of Safety Instruments of Palkimara Incline SECL	Prof. D. C. Panigrahi	ME	SECL
238.	2606	Analysis and Interpretation of air Samples of Kumardhubi Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
239.	2607	Evaluation of Performance and Behavior of Safety Instruments of Dhori (Khas) Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
240.	2610	Electrical Resistivity Imaging Survey for Stability Mapping of Proposed Area, Jogidih.	Dr. U. K. Singh	ME	BCCL
241.	2613	Evaluation of Performance and Behavior of Safety Instruments of Kenda Area 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
242.	2614	Evaluation of Performance and Behavior of Safety Instruments of Chapapur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
243.	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
244.	2618	Analysis and Interpretation of air Samples of Lakhimata Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
245.	2620	Evaluation of Performance and Behavior of Safety Instruments of Badjna Colliery and Chinakuri Mine No.III ECL	Prof. D. C. Panigrahi	ME	ECL
246.	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
247.	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
248.	2629	Evaluation of Performance and Behavior of Safety Instruments of Patherdih Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
249.	2630	Evaluation of Performance and Behavior of Safety Instruments of Amalgamated Keshalpur West Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
250.	2633	Evaluation of Performance and Behavior of Safety Instruments of Simlabahal Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
251.	2634	Evaluation of Performance and Behavior of Safety Instruments of Kuja Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
252.	2636	Evaluation of Performance and Behavior of Self Rescuers (SCSRs) of Intech Safety Pvt. Ltd.	Prof. D. C. Panigrahi	FME	ISPL
253.	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
254.	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
255.	2642	Washability Studies on Some of the CCL Colliery Coal Sample.	Prof. N. Suresh	FME	SAIL/CCSO
256.	2643	Analysis and Interpretation of air Samples of Khoodia 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
257.	2644	Testing of Coal Samples	Dr. Shalini Goutam	FME	BCCL
258.	2645	Testing of Coal Samples	Dr. Shalini Goutam	FME	ECL
259.	2646	Analysis of Coal Samples from Obara Thermal Power Station	Dr. Shalini Goutam	FME	EE CWCD
260.	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
261.	2650	Calibration of Force Measuring device of Pre-Stressed Udyog (India) Pvt. Ltd.	Dr. A. K. Mishra	ME	PUPL
262.	2654	Testing of SS Wire Cloths, BCCL	Dr. L.A.Kumarasamidhas	MME	BCCL
263.	2656	Evaluation of Performance and Behavior of Safety Instruments of Bararee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
264.	2658	Determination of Some Physical and Chemical Properties of quick Setting Cement Capsule of Moonidih Project, BCCL	Prod. D. C. Panigrahi	ME	BCCL
265.	2659	Determination of Compressive and Anchorage Strength of quick Setting Cement Capsule of Moonidih Project, BCCL	Dr. A. K. Mishra	ME	BCCL
266.	2662	Training on Selected Topics in Coal Preparation.	Prof. S. Bhattacharya	FME	TSL
267.	2663	Evaluation of Performance and Behavior of Safety Instruments of MRS Sitarampur, ECL	Prof. D. C. Panigrahi	ME	ECL
268.	2665	Analysis and Interpretation of Mine air Samples of Karo Special Project Phase II CCL	Prof. D. C. Panigrahi	ME	CCL
269.	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
270.	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
271.	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

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
272.	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
273.	2677	Evaluation of Performance and Behaviour of Safety Instruments as given by Sodepur® Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
274.	2680	Evaluation of Performance and Behavior of Safety Instruments as given by Amalgamated Angrapathra Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
275.	2681	Magnetic Content and Chemical Analysis.	Dr. Pankaj Kr. Jain	ESE	TSL
276.	2688	Evaluation of Performance and Behavior of Safety Instruments of Kanhan Area WCL.	Prof. D. C. Panigrahi	ME	WCL
277.	2690	Analysis and Interpretation of Mine Air Samples of Mine No. 1 & 2 Orient Colliery, MCL	Prof. D. C. Panigrahi	ME	MCL
278.	2691	Evaluation of Performance and Behavior of Safety Instruments of Kajora Area, ECL	Prof. D. C. Panigrahi	ME	ECL
279.	2692	Evaluation of Performance and Behavior of Safety Instruments of Hasdeo Area SECL	Prof. D. C. Panigrahi	ME	SECL
280.	2694	Evaluation of Performance and behavior of safety of Lakhimata Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
281.	2695	Evaluation of Performance and Behavior of Safety Instruments of Shyampur B. Incline , ECL	Prof. D. C. Panigrahi	ME	ECL
282.	2696	Function ability test of Self Rescuers of Tipong Colliery, NECL	Prof. D. C. Panigrahi	ME	NECL
283.	2697	Analysis and Interpretation of Mine air Samples of Jarangdih UG Mine, CCL	Prof. D. C. Panigrahi	ME	CCL
284.	2700	Testing of Water Samples Around Rajrappa Area	Mr. Brijesh Kumar	ESE	HIL
285.	2701	Analysis and Interpretation of Air Samples of CIMFR Dhanbad.	Prof. D. C. Panigrahi	ME	CIMFR
286.	2702	Evaluation of Performance and Behaviour of safety Instruments of Bararee 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
287.	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
288.	2706	Heat Auditing of Coal handling Plant of Southern Generating Station, Kolkata of CESC Ltd.	Prof. S. Bhattacharya	FME	SESC
289.	2707	Electrical Resistivity Tomography for Locating of Cavity Zones Around Nirsa.	Dr. Sanjit Kr. Paul	AGP	L & T
290.	2709	Analysis and Interpretation of air samples of Hariajam Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
291.	2710	Evaluation of Behavior and Performance Ventilation and Safety Instruments of SSI Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
292.	2711	Evaluation of Performance and Behavior of Safety Instruments of Parbatpur Colliery Electrosteel Castings Ltd.	Prof. D. C. Panigrahi	ME	ECL
293.	2712	Analysis of Six Coal Samples of Washed Coal Power of Mahuda & Moonidih Coal Washeries.	Prof. S. Bhattacharya	FME	BCCL
294.	2713	Determination of RMR of III Seam Amala SP Colliery, EJ Area Bhowra BCCL	Dr. A. K. Mishra	ME	BCCL
295.	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
296.	2718	Evaluation of Performance and Behavior of Safety Instruments of Pootkee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
297.	2720	Evaluation of Performance and Behavior of Safety Instruments of Kankanee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
298.	2721	GCD Determination of Coal Sample	Dr. Shalini Gautam	FME	PTPS
299.	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
300.	2725	Evaluation of performance and behavior of safety instrument of MRS, Ramgarh	Prof. D. C. Panigrahi	ME	CCL
301.	2726	Evaluation of performance and behavior of safety instruments of ADI 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
302.	2727	Evaluation of performance and behavior of safety instruments of Kumardhubi Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
303.	2728	Evaluation of performance and behavior of safety instruments of Sonar sub-area, WCL	Prof. D. C. Panigrahi	ME	WCL
304.	2729	Analysis and Interpretation of air Samples of Kumardhubi Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
305.	2730	Evaluation of performance and behavior of safety instruments of MRs, Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
306.	2731	Study at Rolep Biodiversity, Hydro Electric Project.	Dr. Anshumali	ESC	VREPL
307.	2732	Evaluation of performance and behavior of safety instruments of Rescue Room Balgi, SECL	Prof. D. C. Panigrahi	ME	SECL
308.	2733	Evaluation of performance and behavior of safety instrument of Roy-Bachhara Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
309.	2736	Testing of Coal Samples	Sri Shravan Kumar	FME	UML
310.	2737	Testing of Coal Samples	Prof. N. R. Mandre	FME	AKALPL
311.	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
312.	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
313.	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
314.	2745	Evaluation of performance and behavior of safety instruments of Rescue Room, Urimari, CCL	Prof. D. C. Panigrahi	ME	CCL
315.	2746	Evaluation of performance and behavior of safety instruments of Mekon International, Dhanbad	Prof. D. C. Panigrahi	ME	MK
316.	2748	Analysis and interpretation of Mine air samples of Mandaman Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
317.	2749	Evaluation of performance and behavior of safety instruments of Mudidih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
318.	2750	Evaluation of performance and behavior of safety instruments of Damoda 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
319.	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
320.	2752	Field Investigations, Modelling and designing of Ventilation Systems of Rampura-Agucha Mines (end years study period) HZL.	Prof. D. C. Pnigrahi	ME	HZL.
321.	2753	Testing of Coal Samples.	Prof. N. R. Mandre	ME	AKALPL
322.	2754	Conducting Scientific Study for Expansion Planning and Safety Issues of Nongtroi Limestone Mines, Meghalaya.	Prof. V.M.S.R. Murthy	ME	CIMFR
323.	2755	Evaluation of Performance and behavior of safety instruments of Somna Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
324.	2756	Evaluation of performance and behavior of safety instruments of MRS-Dhansar, BCCL	Prof. D. C. Panigrahi	ME	BCCL
325.	2757	Evaluation of performance and behavior of safety instruments of Moonidih Project, BCCL	Prof. D. C. Panigrahi	ME	BCCL
326.	2758	Evaluation of performance and behavior of safety instruments of Baheraband and bijuri Collieries, SECL	Prof. D. C. Panigrahi	ME	SECL
327.	2759	Evaluation of performance and behavior of safety instruments of Burragarh Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
328.	2760	Determination of RMR of III Seam Incline of Salanpur Colliery, BCCL	Dr. A. K. Mishra	ME	BCCL
329.	2761	Estimation of Support Capacity of LW Panel and Cavability Analysis of XVI Top Seam, Moonidih Project, BCCL	Prof. U. K. Singh	ME	BCCL
330.	2762	Compressive strength testing of RCC tramline sleeper.	Dr. A. K. Mishra	ME	BM
331.	2763	Evaluation of performance and Behavior of Ventilation and Safety instrumentations of Saunda D. Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
332.	2764	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Saunda D Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
333.	2765	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Govindpur Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
334.	2766	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Narsamunda 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
335.	2767	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Jhanjra Project Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
336.	2768	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Dhemomain Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
337.	2769	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Tawa Mine, WCL	Prof. D. C. Panigrahi	ME	WCL
338.	2770	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Sarni Mine, WCL	Prof. D. C. Panigrahi	ME	WCL
339.	2771	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Parbelia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
340.	2773	GCV Determination of Coal Sample and analysis of magnetite content, BCCL	Prof. N. R. Mandre	FME	BCCL
341.	2774	Sampling and analysis of Heep No.12 (Near Bargad Tree) of Sudamdih Coal Washery	Mr. Anand Anupam	FME	BCCL
342.	2778	Preparation of Environmental Statement in DVC Bermo Mines	Dr. Biswajit Paul	ESE	DVC
343.	2779	Calibration of Force Measuring device.	Dr. A. K. Mishra	ME	MUVA.
344.	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
345.	2781	Evaluation of performance and behavior of Safety instruments of Kanhan Area, WCL	Prof. D. C. Panigrahi	ME	WCL
346.	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
347.	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
348.	2784	Analysis and interpretation of mine air samples of Orient Colliery, MCL	Prof. D. C. Panigrahi	ME	MCL
349.	2785	Evaluation of performance and behavior of safety instruments of Dharam Incline, SECL	Prof. D. C. Panigrahi	ME	SECL
350.	2786	Analysis and interpretation of mine air samples of Ghusik (R) 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
351.	2787	Evaluation of performance and behavior of safety instruments of Jhanjra Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
352.	2788	Analysis and interpretation of mine air samples of Jhanjra Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
353.	2791	Evaluation of Performance and Behavior of Safety Instruments of Jarangdih UG Mines, CCL	Prof. D. C. Panigrahi	ME	CCL
354.	2792	Evaluation of Performance and Behavior of Safety Instruments of Govindpur Project , CCL	Prof. D. C. Panigrahi	ME	CCL
355.	2793	Analysis of Amient air Sample and Water Sample from Main Mine discharge of Bararee Colliery, BCCL	Dr. B. K. Mishra	ESE	BCCL
356.	2794	Technical Consultancy for Wastewater Management and Control of Water Pollution from plant and Mines of Kirandul Complex	Dr. S. K. Gupta	ESE	NMDC
357.	2641	Subsidence monitoring at Essar Raniganj CBM Block at Durgapur (RG(E)-CBM-2001/1 Block	Dr. Dheeraj Kumar	ME	ESSAR
358.	2796	Analysis of Coal Sample of III Seam at PB Incline of Phularitand Colliery.	Dr. A. K. Verma	ME	BCCL
359.	2797	Testing of Dust Bond (OC)	Prof. S. K. Maiti	ESE	CMSPL
360.	2798	Testing of Dust Ioniser (HR)	Dr. S. R. Samadder	ESE	PVR
361.	2799	Scientific study for blast vibration Measurement on quarterly basis for 2014-15 at Rajapur OCP	Dr. A. K. Mishra	ME	BCCL
362.	2800	Determination of Specific gravity of Coal Seam I, II and III of Amalgamated NTST Colliery	Dr. Shalini Goutam	FME	BCCL
363.	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
364.	2802	Testing of Coal Samples	Prof. N. R. Mandre	FNE	ECL
365.	2803	Testing of Coal Samples	Shri Sharvan Kumar	FNE	AKALPL
366.	2804	Technical Consultant for Guiding SAIL in e-auction of Coal Blocks.	Prof. S. Choudhuri	ME	SAIL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
367.	2805	To Study Blast Induced Ground Vibration, Fly rock and Noise due to blasting Operation at Dohari Colliery BCCL in the Vicinity of Inhabited Area.	Dr. A.K. Mishra	ME	BCCL
368.	2807	Geotechnical lab testing of drill core samples from RA mine HZL.	Dr. A. K. Mishra	ME	HZL
369.	2808	Evaluation of performance and Behavior of Safety Instruments of Sodepur (R) Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
370.	2809	Evaluation of performance and Behavior of Safety Instruments of Phularitand Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
371.	2810	Evaluation of Performance and Behavior of Safety Instruments of Tetulmari Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
372.	2811	Evaluation of Performance and Behaviour of Safety Instruments of Loyabad Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
373.	2812	Evaluation of Performance and Behavior of Safety Instruments of Saoner Sub Area WCL	Prof. D. C. Panigrahi	ME	WCL
374.	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
375.	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
376.	2816	Conducting Examination for BCCL	Dr. Saumya Singh Prof. Pramod Pathak	MS	BCCL
377.	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
378.	2821	Evaluation of Performance and Behavior of Safety Instruments of Bararee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
379.	2822	Evaluation of Performance and Behavior of Safety Instruments of MRS Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
380.	2823	Evaluation of Performance and Behavior of Safety Instruments of MRS Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
381.	2824	Investigation into degree of gassiness of XV Seam KB 10/12 Pits Colliery, PB area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
382.	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

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
383.	2827	Scientific Study of Steel Screw Prop for Axial loading.	Prof. A. K. Mishra	.ME	TSL
384.	2828	Determination of bulk density of coal of RVIII Seam, RIII Seam and R11 Seam of Sonepur Bazari Mine, ECL	Prof. D. C. Panigrahi	ME	ECL
385.	2829	Evaluation of Performance and Behaviour of Safety Instruments of AB Incline WCL	Prof. D. C. Panigrahi	ME	WCL
386.	2830	Analysis of Coal Sample	Prof. V. K. Saxena	FME	CCO
387.	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
388.	2819	Determination of Striping ratio of Laikdih Quarry of Ramnagar Colliery, SAIL	Dr. Dheeraj Kumar	ME	SAIL
389.	2833	Evaluation of Performance and Behavior of Safety Instruments of Baharaband Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
390.	2834	Evaluation of performance and behavior of safety instruments of Damoda Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
391.	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
392.	2836	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
393.	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
394.	2838	Analysis of Water Samples from JRDA	Dr. M. K. Jain	ESE	JPABP

**Total value of the projects carried forward from the Previous Financial Years: INR 747.44 Lakhs**

## B. Consultancy Projects commenced during Financial Year 2015-16 (Up to March, 2016):

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
395.	2841	Evaluation of Performance and Behavior of Mine Safety Instruments of Patherkhera Area, WCL	Prof. D. C. Panigrahi	ME	WCL
396.	2842	Evaluation of Performance and Behavior of Mine Safety Instruments of Govindpur Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
397.	2843	Testing of Cook Stove Prototype	Prof. V. K. Saxena	FME	NEERI
398.	2844	Testing of Coal Sample	Prof. N. R. Mandre Shri Shravan Kumar	FME	KCSC
399.	2845	Testing of Coal Sample	Shri Shravan Kumar Prof. N. R. Mandre	FME	AKALPL
400.	2846	Learning from Each other Workshop on Reduction of Fines Generation Through Advanced Blasting Techniques in Iron Ore Mines.	Prof. V. M. S. R. Murthy Dr. B. S. Choudhary	ME	SAIL
401.	2847	DGPS Survey and Preparation of Georeferenced Cadastral Map of Bihar Iron Ore Mines of M/s Nirmal Kumar Pradeep Kumar	Dr. Dheeraj Kumar	ME	BIOM
402.	2748	DGPS Survey and Preparation of Georeferenced Cadastral Map of Ghatkuri Iron Ore Mines of M/s Nirmal Kumar Pradeep Kumar	Dr. Dheeraj Kumar	ME	GIOM
403.	2849	Analysis of Water Samples from Skylark Hotal pvt. Ltd.	Dr. Vipin Kumar	ESE	SHPL
404.	2850	Analysis and Interpretation of Mine air Samples of Kunustoria Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
405.	2851	Evaluation of Performance and Behavior of Mine Safety Instruments of Kunustoria Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
406.	2852	Analysis and Interpretation of Mine air Samples of Chapapur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
407.	2853	Monitoring of Underwater Drilling and Blasting Process for controlling Ground Vibration and Air over pressure During the Deepening of the Entrance Channel	Prof. VMSR Murthy	ME	VPT
408.	2854	Load Convergence Monitoring of Supports a LW Panel D12 Moonidih Project, BCCL	Prof. U. K. Singh	ME	BCCL
409.	2855	Delivering Lectures at SECL Bilaspur Workshop on Risk Management 26 - 27 March, 2015	Prof. R. M. Bhattacharjee	ME	SECL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
410.	2856	Delivering Lectures at DGMS Workshop on Risk Assessment and Safety Management Plan Development at Bangalore 17 - 19 Dec., 2014	Prof. R. M. Bhattacharjee	ME	DGMS
411.	2857	Evaluation of Performance and Behavior of Mine Safety Instruments of Khotadih Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
412.	2858	Evaluation of Performance and Behavior of Mine Safety Instruments of Bahearaband Colliery Hansdeo Area SECL	Prof. D. C. Panigrahi	ME	SECL
413.	2859	Evaluation of Performance and Behavior of Mine Safety Instruments of Lohapati Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
414.	2861	Determination of Specific gravity of coal sample of Chirimiri area, SECL	Prof. D. C. Panigrahi	ME	SECL
415.	2862	Evaluation of Performance and behavior of mine safety instruments of Dhansar Rescue Station, BCCL	Prof. D. C. Panigrahi	ME	BCCL
416.	2863	DGPS Survey and Preparation of Georeferenced Cadastral Map of Karampada Iron Ore Mines of M/s Singhbhum Mineral Company	Dr. Dheeraj Kumar	ME	SMC
417.	2864	DGPS Survey and Preparation of Georeferenced Cadastral Map of Sosopi Iron Ore Mines of M/S Khushal Arjun Rathor	Dr. Dheeraj Kumar	ME	KAR
418.	2865	Evaluation of performance and behavior of mine safety instruments of Kendra Area, ECL	Prof. D. C. Panigrahi	ME	ECL
419.	2866	Evaluation of performance and behavior of mine safety instruments of saoner sub Area, WCL	Prof. D. C. Panigrahi	ME	WCL
420.	2867	Bond Work Index of Iron Ore	Mr. Anand Anupam Prof. N. R. Mandre	.ME	MSEL
421.	2869	Scientific Study for Assessing the Stability of the U/G Workings Developed under the low Cover and Beneath the Surface Structures at Mahakali Colliery with A Recommendation for Method of Stabilization.	Shri P. K. Behera Prof. U. K. Singh Dr. B. S. Choudhuri	WCL	ME
422.	2872	Conducting Scientific study to Establish Safe Maximum charges/Delay and Blasting Pattern vis a vis within 100 of Building in Respect of Hired OC Patch A of Katras Choitodih Colliery Katras Area, BCCL.	Prof. VMSR Murthy Dr. B.S. Choudhuri	BCCL	ME
423.	2873	Evaluation of Performance and Behavior of Mine Safety Instruments of Kanhan Area WCL	Prof. D. C. Panigrahi	WCL	ME
424.	2874	Evaluation of Performance and Behavior of Mine Safety Instruments of Phularitand Colliery, BCCL	Prof. D. C. Panigrahi	BCCL	ME
425.	2875	Evaluation of Performance and Behavior of Mine Safety Instruments of Murpar U/G Mine WCL	Prof. D. C. Panigrahi	WCL	ME

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
426.	2876	Analysis and Interpretation of Mine air Samples of Haripur Coliery, ECL	Prof. D. C. Panigrahi	ECL	ME
427.	2877	Earthquake Structural Stability Tests of Buildings of RBI at Patna	Prof. S. C. Dutta Dr. S. K. Panda Dr. Sanket Nayak Dr. L. Nainegail	Civil	RBI
428.	2878	Proximate and Ultimate Analysis of Coal Samples	Prof. V. K. Saxena	FME	DVC
429.	2879	Evaluation of performance and Behavior of Mine Safety Instruments of Roy Bachra Colliery, CCL.	Prof. D. C. Panigrahi	ME	ECL
430.	2880	Evaluation of Performance and Behavior of Mine Safety Instruments of K.B. Colliery, BCCL.	Prof. D. C. Panigrahi	NE	BCCL
431.	2881	Analysis and Interpretation of Mine air Samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
432.	2882	Evaluation of Performance and Behavior of Mine Safety Instruments of Parbolis and SSI Collieries, ECL	Prof. D. C. Panigrahi	ME	ECL
433.	2883	Investigation into degree of Gassiness of RVIII (Bottom) of Moira Colliery, Bankola Area, ECL	Prof. D. C. Panigrahi	NE	ECL
434.	2884	Evaluation of Performance and Behavior of Mine Safety Instruments of Lakhimata Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
435.	2885	Analysis and Interpretation of Mine air Samples of Lakhimata Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
436.	2886	Evaluation of Performance and Behavior of Mine Safety Instruments of Silwara Sub-Area, WCL	Prof. D. C. Panigrahi	ME	WCL
437.	2887	Evaluation of Performance and Behavior of Mine Safety Instruments of Sayal-D Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
438.	2888	Assessment of Talabira-1 Working as per Mine Plan and Mine Closure Plan	Dr. Biswajit Paul Prof. S. K. Maiti	ESE	HIL
439.	2889	Testing of Coal Samples	Dr. B. K. Nandi Shri S. Soren	FME	CCO
440.	2890	Proximate and Ultimate Analysis of Coal Samples	Prof. V. K. Saxena	FME	MTPS
441.	2891	Evaluation of Performance and Behavior of Mine Safety Instruments of Katras Chotudih 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
442.	2892	Determination of Some Physical and Chemical Properties of quick Setting Cement Capsule of Lueky Fuel & Binder Enterprises	Prof. D. C. Panigrahi	ME	LFBE
443.	2893	Determination of Comprissive and Anchorage Strength of quick Setting Cement Capsules of Lucky Fuel & Binder Enterprises	Prof. A. K. Mishra	ME	LFBE
444.	2894	DGPS Survey opf Demarked Boundary Pillars of Banam Guttuu Quartzite Mine	Dr. Dheeraj Kumar	ME	BGQM
445.	2895	Certification by ISM, Dhanbad for Work done Under Mine Closure Plan of Dharmasthal Coal Project of M/s BLA Industries (P) Ltd.	Prof. Phalguni Sen Dr. Dheeraj Kumar Dr. Biswajit Paul	ME	BLAIL
446.	2896	Testing of Coal Samples	Sri Shravan Kumar Prof. N. R. Mandre	FME	BCCL
447.	2897	Analysis of Coal Samples Provided by BGR Mining	Dr. Shalini Goutam	.FME	BGRM
448.	2899	Preparation of Technical Content for EB and SC in Respect of Shivani OCP EIA	Dr. Anshumali	ESE	CMPDI,
449.	2900	Sampling and Analysis of coal heap stock of Parbatpur Coal block	Prof. V. K. Saxena Mr. Anand Anupam	FME	BCCL
450.	2901	Sampling and Analysis.	Shri S. Soren Shri Shravan Kumar Dr. N. R. Mandre	FME	BCCL
451.	2902	Determination of Specific gravity of Coal Seam I, II and III of Amalgamated NT-ST Colliery Patch E	Dr. Shalini Gautam Shri Anand Anupam	FME	BCCL
452.	2903	Analysis and Interpretation of Mine air Samples and Detremination of Crossing and Ignition Point Temperature of Coal Samples.	Prof. D. C. Panigrahi	ME	CCL
453.	2904	Evaluation of Performance and Behavior of Mine Safety Instruments of Ghusic ® Colliery ECL.	Prof. D. C. Panigrahi	ME	ECL
454.	2905	Evaluation of Performance and Behavior of Mine Safety Instruments of Rajnagar RO Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
455.	2906	Evaluation of Performance and Behavior of Mine Safety Instruments of Jhiria UG Mine SECL	Prof. D. C. Panigrahi	ME	SECL
456.	2907	Evaluation of Performance and Behavior of Mine Safety Instruments and analysis and Interpretation of air Samples of Bhurkunda (B) Colliery CCL	Prof. D. C. Panigrahi	ME	CCL
457.	2908	Evaluation of Performance and Behavior of Mine Safety Instruments of Sodepur ® 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
458.	2909	Determination of Crossing and Ignition Point Temperature of Coal Samples Jhanjra Area, ECL	Prof. D. C. Panigrahi	ME	ECL
459.	2910	Environmental Statement of DVC Bermo Mines.	. Dr. Biswajit PaulI	ESE	DVC
460.	2911	Analysis and Interpretation of Mine air Samples of Khoodia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
461.	2912	Analysis and Interpretation of Mine air Samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
462.	2913	Analysis and Interpretation of Mine air Samples of CIMFR, Dhanbad	Prof. D. C. Panigrahi	ME	CIMFR,
463.	2915	Third party Quality Assurance of Different Works at NIT, Jamshedpur.	Prof. S. C. Dutta Dr. S. K. Panda Dr. Sanket Nayak Dr. L. Nainegai	Civil	NIT
464.	2916	Evaluation of Performance and Behavior of Mine Safety Instruments MECON International, Dhanbad.	Prof. D. C. Panigrahi	ME	Dhanbad
465.	2917	Evaluation of Performance and Behavior of Mine Safety Instruments Govindpur Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
466.	2918	Evaluation of Performance and Behavior of Mine Safety Instruments Dhori (K) Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
467.	2919	Evaluation of Performance and Behavior of Mine Safety Instruments Bijuri Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
468.	2920	Evaluation of Performance and Behavior of Mine Safety Instruments Salanpur Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
469.	2922	Proximate and Ultimate Analysis of Coal samples.	Prof. V. K. Saxena	FME	DVC
470.	2923	Analysis and Interpretation of Mine air samples of Orient Colliery, MCL	Prof. D. C. Panigrahi	ME	MCL
471.	2924	Evaluation of performance and behavior of safety instruments and monitoring of noise and airborne respirable dust, and analysis and interpretation of gas samples of Chasnala Colliery, SAIL	Prof. D. C. Panigrahi	ME	SAIL
472.	2925	Evaluation of performance and behavior of mine safety instruments MRS Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
473.	2926	Analysis of Slurry lying at Heap No-15 of Sudamdih Coal Washery	Mr. Anand Anupam Prof. N. R. Mandre	FME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
474.	2927	Geo-Enviro Study of Abandoned Mines for 2 x 525 MW Maithon Power Plant.	Dr. B. K. Mishra Dr. Alok Sinha	ESE	M P L
475.	2928	Testing of Coal Samples.	Prof. N.R. Mandre Shri S. Kumar	FME	BCCL
476.	2929	Evaluation of Furnace Oil Sample.	Dr. Vikash Mahato Prof. V. P. Sharma	PE	SII ABM.
477.	2932	Technical Study of Iron Ore Slimes of NMDC Mines.	Prof. V. P. Sinha Prof. N. Suresh	ME	NMDC
478.	2935	Detailed Mineral Characterization and Implication for liberation studies of Chromite Ores from Tata Steel.	Prof. A.S. Venkatesh Dr. P. R. Sahoo	AGL	TSL
479.	2936	Analysis and Interpretation of Mine air Samples of SSI Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
480.	2937	Evaluation of Performance and Behavior of Mine Safety Instruments Godhar Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
481.	2938	Evaluation of Performance and Behavior of Mine Safety Instruments Sawang Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
482.	2939	Evaluation of Performance and Behavior of Mine Safety Instruments Parbelia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
483.	2940	Evaluation of Performance and Behavior of Mine Safety Instruments Chinakuri Mine No.II, ECL	Prof. D. C. Panigrahi	ME	ECL
484.	2941	Evaluation of Performance and Behavior of Mine Safety Instruments Palkimara Incline Hasdeo Area, SECL	Prof. D. C. Panigrahi	ME	SECL
485.	2942	Analysis and Interpretation of Mine air Samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
486.	2943	Evaluation of Performance and Behavior of Mine Safety Instruments PB Project Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
487.	2944	Bond Work Index of Phosphate Rock	Mr. Anand Anupam Prof. N. R. Mandre	FME	PPL
488.	2946	Analysis of Ambient air sample & Water sample from Main Mine discharge of Bararee Colliery.	Dr. B. K. Mishra Dr. S. K. Gupta	ESE	BCCL
489.	2948	Testing of Coal Samples.	Shri S. Soren Dr. B. K. Nandi	FME	CCO
490.	2949	Study of Leaching of Heavy Metals.	Dr. S. K. Gupta Mr. B. Mishra	ESE	TSL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
491.	2950	Sampling and Analysis of Slurry lying in Heap No-4DZ(B) of Dugda Coal Washery	Prof. S. Bhattacharya Prof. V. K. Saxena Mr. Anand Anupam	FME	BCCL
492.	2951	LOI of fly ash samples.	Prof. V. K. Saxena Mr. Suresh Yatirajula, Dr. S. Sengupta	Chemical	DVC.
493.	2953	Audit and Evaluation of Blast design for Road Constructin at Dharchula	Prof. A. K. Mishra Dr. B. S. Choudhury	.ME	BRO
494.	2954	Proof Checking of a footing of size 1.1 m x 2.2 m	Dr. S. K. Panda	.Civel	PA&APL
495.	2958	Technical Consultancy for Waste Water Management and Control of Water Pollution from Plant and Mines of BIOM< Bacheli Complex.	Dr. Anshumali	.ESE	NMDC
496.	2960	Analysis and Interpretation of Mine air Samples of Mandaman Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
497.	2961	Evaluation of Performance and Behavior of Mine Safety Instruments of Basantimata Dahibari Colliery.	Prof. D. C. Panigrahi	ME	BCCL
498.	2962	Evaluation of Performance and Behavior of Mine Safety Instruments and Analysis and Interpretation of Mine air Samples of Khoodia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
499.	2963	Analysis and Interpretation of Mine air Samples of Shampur B. Incline, ECL	Prof. D. C. Panigrahi	ME	ECL
500.	2964	Analysis of Interpretation of Mine air Samples of Badjna Colliery	Prof. D. C. Panigrahi	ME	ECL
501.	2965	Evaluation of Performance and Behavior of Mine Safety Instrumentation Saner Colliery, WCL	Prof. D. C. Panigrahi	ME	WCL
502.	2966	Evaluation of Performance and Behavior of Mine Safety Instruments and Analysis and Interpretation of Mine air samples of Sawang Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
503.	2967	Calibration of force measuring device (1000 kN & 2000 kN Capacity) as per IS 4169:1988 in compression.	Prof. A. K. Mishram	ME	PSULD
504.	2968	Evaluation of Performance and Behavior of Mine Safety Instruments of Silwara Colliery, WCL	Prof. D. C. Panigrahi	ME	WCL
505.	2969	Evaluation of Performance and Behavior of Mine Safety Instruments of Mines Rescue Station, Dhansar, BCCL	Prof. D. C. Panigrahi	ME	BCCL
506.	2970	A Study into Present Atmospheric Conditions Including the Conditions of fire areas for Improving Safety in Sijua Colliery Tata Steel Ltd.	Prof. D. C. Panigrahi	ME	TSL.

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
507.	2972	Testing of Coal Samples.	Dr. B. K. Nandi	FME	CCO
508.	2973	Scientific study to Establish Safe Maximum Charge per delay and Blasting Pattern vis-à-vis safety within 100M of Occupied Buildings at Amalgamated Angarpathra Ramkanali Colliery Katras Area, BCCL	Dr. B. S. Choudhary Prof. VMSR Murthy	ME	BCCL
509.	2974	Evaluation of Performance and Behavior of mine safety Instruments of Baheraband Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
510.	2975	Evaluation of Performance and Behavior of Mine Safety Instruments of Badjna Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
511.	2976	Evaluation of Performance and Behavior of Mine Safety Instruments of Jhiria UG Mine SECL	Prof. D. C. Panigrahi	ME	SECL
512.	2977	Mineral Characterization and Liberation Studies of Iron Ores and Lead (Pb Ore) from SGS India (P) Ltd.	Dr. P. R. Sahoo Prof. A. S. Venkatesh	AGL	SGSIPL
513.	2979	Field Investigations Modelling and Design of Ventilation System of Sindesar Khurd Mine HZL (2nd year Period: their Order No.2014.0029/510015891 dt.25.9.15)	Prof. D. C. Panigrahi	ME	HZL
514.	2980	Determination of Compressive Strength and Grushing Strength for Coal samples of SSI Golliery Sripur Area,ECL	Prof. A. K. Mishra	ME	ECL
515.	2981	Determination of Some Physical and Chemical Properties of quick Setting Cement Capsules of Durgapur youth Technology.	Prof. D. C. Panigrahi	ME	DYTD
516.	2982	Determination of Some Physical and Chemical Properties of Quick Setting Cement Capsules of M/S Durgapur Youth Technology.	Prof. A. K. Mishra	ME	DYTD
517.	2983	Calibration of force measuring device (100 kN , 500 kN & 2000 kN Capacity) of Pre-stressed Udyog (I) Pvt. Ltd.	Prof. A. K. Mishra	ME	PUPL
518.	2984	Determination of Compressive Strength and Cerchar Hardness of Coal & Shale Samples of Tetulmari Colliery, BCCL Supplied by MMD Heavy Machinery India Pvt. Ltd., Kolkata	Prof. A. K. Mishra Prof. VMSR Murthy	ME	BCCL
519.	2985	Preparation of Impacts of proposed Patherdih Coal Washery	Dr. Anshumali	ESE	CMPDI
520.	2986	Evaluation of performance and behavior of mine Safety Instruments of Ray Bachhara Coliery, CCL	Prof. D. C. Panigrahi	ME	CCL
521.	2987	Evaluation of performance and behavior of Mine Safety Instruments of Mandaman Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
522.	2988	Scientific Study of stability of the barrier Pillars between longwall Panels in Seam XV, Moonidih Project, BCCL	Prof. U. K. Singh	ME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
523.	2990	Evaluation of Performance and behavior of Safety Instruments of Mudidih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
524.	2991	Evaluation of Performance and behavior of Safety Instruments of Rescue Room-Balgi, SECL	Prof. D. C. Panigrahi	ME	SECL
525.	2992	Evaluation of Performance and behavior of Safety Instruments of Shyamsundarpur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
526.	2993	Field Investigations, Modelling and Simulation Studies for designing Ventilation System of UCIL Mines, Jaduguda	Prof. D. C. Panigrahi	ME	UCIL
527.	2995	Scientific Study to design Controlled Blasting Pattern for Gere Stone Mine, Gaya District.	Prof. VMSR Murthy Dr. B.S. Choudhuri	ME	IL&FSE&C
528.	2998	Evaluation of Performance and Behavior of Mine Safety Instruments and Analysis and Interpretation of Mine air Samples of Barmodia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
529.	2999	Evaluation of Performance and Behavior of Mine Safety Instruments of Parbelia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
530.	3000	Evaluation of Performance and Behavior of Mine Safety Instruments of MRS - Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
531.	3001	Testing of Coal Samples.	Shri Shravan Kumar Prof. N. R. Mandre	FME	BCCL
532.	3002	Testing for Coal Samples.	Shri Shravan Kumar Prof. N. R. Mandre	FME	ECL
533.	3003	Evaluation of performance and Behavior of Safety Instruments of Hariajam and Kapildhara Collieries, ECL & SECL	Prof. D. C. Panigrahi	ME	ECL & SECL
534.	3004	Evaluation of performance and Behavior of SCSRs of KB10-12 Pits Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
535.	3005	analysis and Interpretation of air Samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
536.	3006	Evaluation of Performance and Behavior of Safety Instruments of Simlabahal Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
537.	3007	Profiling of Heat Values Along the Coal flow Chain in Vindhyachal STPP on NTPC	Prof. S. Bhattacharya Prof. N. R. Mandre Prof. V. K. Saxena Shri Anand Anupam	FME	NTPC.
538.	3008	Field Investigations Modelling and design of Ventilation System to Improve for Rampur Agucha Lead - Zinc Mine, Hindustan Zinc Ltd. (Part - VI)	Prof. D. C. Panigrahi	ME	HZL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
539.	3009	Evaluation of Performance and Behavior of Safety Instruments of Shyampur B Incline, ECL	Prof. D. C. Panigrahi	ME	ECL
540.	3010	Blast design for safe blasting and determination of safe Maximum charge at Muraidih Colliery (OCP) of Barora Area, BCCL	Prof. A. K. Mishra	ME	BCCL
541.	3011	Testing of Arsenic in 05 Nos. of Water Samples.	Dr. S. R. Samaddar Prof. S. K. Maiti	.ESE	NCL
542.	3012	Determination of degree of gassiness of IV-A seam of Haldibari UG Mines, SECL.	Prof. D. C. Panigrahi	ME	SECL
543.	3013	Determination of incubation period of one seam of Dhori (K) Coliery, CCL	Prof. D. C. Panigrahi	ME	CCL
544.	3014	Evaluation of performances and behavior of Safety Instruments of Jhanjra Project Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
545.	3015	Evaluation of performance and Behavior of Mine Safety Instruments of Bera Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
546.	3016	Evaluation of performance and Behavior of Mine Safety Instruments of Methani Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
547.	3017	Characterisation and Benefication Studies on SMIORE Manganese Samples.	Prof. Nikkam Suresh	FME	SMIOL
548.	3020	Scientific study of Geo-Mining Parameters and determination of RMR of XI Seam SB 5/7 Pit of PBP Colliery.	Prof. A. K. Mishra	ME	BCCL
549.	3021	Testing of Water Sample near Rajrappa Area	Dr. B. K. Mishra	ESE	HIL
550.	3023	Scientific Study of Geo-Mining Parameters and determination of RMR of B.P. Seam (Bottom Section) Badjna Colliery, ECL	Prof. A. K. Mishra	ME	ECL
551.	3024	Evaluation of performance and behavior of Mine Ventilation and Safety instruments of Bhatgaon Mine, SECL	Prof. D. C. Panigrahi	ME	SECL
552.	3025	Evaluation of performance and behavior of Mine Ventilation and Safety instruments of Kahan Area, WCL	Prof. D. C. Panigrahi	ME	WCL
553.	3026	Evaluation of performance and behavior of Mine Ventilation and Safety instruments of Gaurangdi Bequnia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
554.	3027	A Study into airborne respirable dust concentration in AMAL-NTST Jeenagora Open Cast Mine, BCCL	Prof. D. C. Panigrahi	ME	BCCL
555.	3028	Estimation of Support Requirement KTK-5 Incline	Prof. U. K. Singh	ME	SCCL



Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
556.	3029	DGPS Survey of Demarked Boundary Pillars of lease hold area and the forest area within the existing lease hold area of Jitpur Coal Block of M/s Adani Enterprise Ltd.	Dr. Dheeraj Kumar	ME	AML
557.	3030	Preparation of DPR to setup Afghan Institute of Mining at Kabul, Afghanistan (Part-I)	Prof. A. K. Mishra Prof. D. C. Panigrahi	ME	AIMK
558.	3031	Determination of compressive strength and Cerchar Hardness of NCL Coal samples.	Prof. A. K. Mishra Prof. VMSR Murthy	ME	MMDPL
559.	3032	Suitability test of Water.	Dr. B. K. Mishra Dr. Alok Sinha	ESE	CCL
560.	3034	Obsaervation on the Reports of Wreke Site of River Princes of Sinqerim Condolim Goa.	Dr. Sanjit Kr. Paul Dr. U. K. Singh Prof. Shalivahan Prof. P. R. Mohanty	AGP	GGP
561.	3035	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Topa OCP, CCL	Prof. D. C. Panigrahi	ME	CCL
562.	3036	Evaluation of performance and Behavior of Mine Ventilation and Safety instruments of MRS Dhanbad	Prof. D. C. Panigrahi	ME	MRS
563.	3037	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Saoner Sub Area, WCL	Prof. D. C. Panigrahi	ME	WCL
564.	3038	Environmantal Suitability and Feasibility of Mining of Flyash in the OB of Kusmunda OC Mines of SECL.	Dr. Biswajit Paul Prof. A. K. Singh	ME	SECL
565.	3040	Learn from Earch other (LEO) Workshop, SAIL Ranchi	Dr. Shravan Kumar Prof. R. Venugopal	ME	SAIL
566.	2041	Testing of Coal Samples of ECL	Dr. Shravan Kumar Prof. N. R. Mandre	ME	ECL
567.	3042	Prifiling of heat values along the coal flow chain in Singrauli STPP of NTPC	Prof. S. Bhattacharya Prof. N. R. Mandre Prof. V. K. Saxena Shri S. Soren, Shri S. Kumar Shri Anand Anupam	FME	NTPC
568.	3043	Proof Checking of Steel Shed of 1250 Sq. ft.	Dr. S. K. Panda Prof. S. C. Dutta Dr. S. Nayak	Civil	NTPC
569.	3044	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Baheraband Mine, Hasdeo Area, SECL	Prof. D. C. Panigrahi	ME	SECL

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570.	3045	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Dharam Incline, Chhal Sub Area, SECL	Prof. D. C. Panigrahi	ME	SECL
571.	3046	Evaluation of performance and Behavior of Mine Safety Instruments and Analysis and Interpretation of Mine air Samples of Govindpur Project Kathara Area, CCL	Prof. D. C. Panigrahi	ME	CCL
572.	3047	Analysis and Interpretation of Mine air Samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
573.	3048	Analysis and Interpretation of Mine air Samples of Jarangdih Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
574.	3049	Technical consultancy for Wastewater Management	Dr. Alok Singh Dr. B. K. Mishra	ESE	BIOMKC
575.	3053	Analysis of Water samples from BCCL	Dr. M. K. Jain Dr. Vipin Kumar	ESE	BCCL
576.	3055	Physical, Chemical and Combustion Properties of LVC Coal of Jaria Coalfield	Prof. S. Bhattacharya Dr. B. K. Nandi	FME	BCCL
577.	3056	Profiling of Heat Values along the coal flow chain in Rihand STPS of NTPC	Prof. S. Bhattachaya Prof. N. R. Mandre Prof. V. K. Saxena	FME	NTPC
578.	3058	Physico Mechanical test of Core Samples of Haldibari Underground Mine, SECL Supplied by M/s JMS Mining services (P) Ltd.	Prof. A. K. Mishra	ME	JMSMSPL.
579.	3059	Determination of Compressive strength and Crushing Strength for coal samples of SSI Colliery, Sripur Area ECL.	Prof. A. K. Mishra	ME	ECL
580.	3060	Testing of Coal Samples.	Dr. B. K. Nandi Prof. N. R. Mandre	FME	CCL
581.	3061	Determination of Coking and Swelling Index of Coal Sample of NTPC-Tanda-Region.	Dr. Shalini Gautam Prof. N. R. Mandre	FME	NTPC
582.	3064	Determination of GCV and Proximate Analysis of Coal Sample of ATPS Sonebhadra	Dr. Shalini Gautam Dr. Shravan Kumar	FME	ABTPA
583.	3065	Air-borne respirable dust Survey of Amalgamated NT-ST Jeenagora Colliery Lodna Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
584.	3066	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Patherkhera Area, WCL	Prof. D. C. Panigrahi	ME	WCL
585.	3067	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Silwara 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
586.	3068	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Patherkhera Area, WCL	Prof. D. C. Panigrahi	ME	WCL
587.	3069	Analysis and Interpretation of Mine Air Samples of KSP Phase-II, CCL	Prof. D. C. Panigrahi	ME	CCL
588.	3070	Detail Mineralogical Characterization Studies of Chromite ore and host rocks with Implications for Beneficiation for M/S Tata Steel.	Prof. A. S. Venkatesh Dr. P. R. Sahoo	AGL	TSL,
589.	3071	Determination of Physico-Mechanical Properties of Coal of different Mines of WCL (Tensile and Compressive Strength Part B	Prof. A. K. Mishra Prof. D. C. Panigrahi	ME	WCL
590.	3072	Determination of Quality/Grade of Various coal seams and their Physico-Mechanical Properties (Tensile & Compressive Strength) of various coal seams of different Mines of WCL Part-A	Prof. N. Suresh	FME	WCL
591.	3073	PDP on Mining Equipment Safety Practices	Dr. L A Kumaraswamidhas Shri Ajit kumar	MME	UCIL
592.	3074	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Narsamunda Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
593.	3075	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Churi Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
594.	3076	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of MRs Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
595.	3077	Investigation into of gassiness of one seam of Muraidih Colliery Borora Area BCCL	Prof. D. C. Panigrahi	ME	BCCL
596.	3078	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Phuylaritand Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
597.	3081	Designing Detailed Blasting Scheme for underwater Controlled Rock Blasting at Panchet, DVC West Bengal	Dr. B. S. Choudhary	ME	GPTIPL
598.	3082	Evaluation of Performance and Behavior of Self Contained Chemical Self rescuers of Eastern Coalfields Ltd. through Functional ability tests. Intech Safety Pvt. Ltd.	Prof. D. C. Panigrahi	ME	ISPL
599.	3083	Evaluation of Ecology and Biology Soil Conservation component of Nilyai Expn.	Dr. Anshumali	ESE	CMPDI
600.	3084	Evaluation of performance and behavior of safety instruments, and analysis and interpretation of Chinakuri Mine No. 1, ECL	Prof. D. C. Panigrahi	ME	ECL
601.	3085	Evaluation of performance and behavior of safety instruments of Ghusick (R) Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL

<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>
602.	3086	Evaluation of performance and behavior of safety instruments of Kenda Area, ECL	Prof. D. C. Panigrahi	ME	ECL
603.	3087	Evaluation of performance and behavior of safety instruments of Balajee Udyog, Dhanbad.	Prof. D. C. Panigrahi	ME	Dhanbad
604.	3088	Analysis and interpretation of air samples at Dubeswari Colliry, ECL	Prof. D. C. Panigrahi	ME	ECL
605.	3089	Analysis and interpretation at air samples at Mahujore Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
606.	3090	Testing of water samples of Joyarampur Pressure filter under Lodhna Area.	Dr. Brijesh Mishra	ESE	BCCL
607.	3091	Analysis of ambient air sample & Waters sample from main mine discharge of Bararee Colliery.	Dr. Brijesh Mishra	ESE	BCCL
608.	3092	Certification by ISM Dhanbad for work done under Mine Closure Plan of Ardhagram OCP of M/s Sova Ispat Ltd. Kolkata	Prof. P. Sen Dr. Dheeraj Kumar	ME	SIL
609.	3093	Testing of Shale Samples from Cambay basin	Dr. Keka Ojha	PE	MPLL
610.	3094	Determination of some physical and Chemical Properties of quick setting Cement Capsules of Katras Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
611.	3095	Determination of Physical properties of Cement Capsule Supplied by Katras Area, BCCL	Prof. A. K. Mishra	ME	BCCL
612.	3096	Testing of Coal Samples	Dr. Shravan Kumar Prof. N. R. Mandre	FME	KS
613.	3098	Analysis and interpretation of mine air samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
614.	3099	Evaluation of performance and behavior of mine ventilation and safety instruments of patmohna Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
615.	3100	Analysis and instrumentation of mine air samples of wastren Jharia Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
616.	3101	Evaluation of performance and behavior of mine safety instruments, and analysis and interpretation of mine air samples of gare plma IV/4 Block, Hindalco Industries Ltd.	Prof. D. C. Panigrahi	ME	HIL
617.	3102	Calibration of force Measuring device (500 kN capacity) of M/s Muva Industries Ltd.	Prof. A. K. Mishra	ME	MIL
618.	3103	Determination of Compressive Strength and Weatherability for Coal Samples of Bastacola Colliery, BCCL	Prof. 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
619.	3104	ERT Study for Ground Water near Govindpur road, Dhanbad	Dr. S. K. Pal Dr. U. K. Singh Prof. Shalivahan Prof. P. R. Mohanty	.ME	CTL
620.	3110	Determination of Specific gravity of coal sample of JK Nagar Group of Mines, ECL	Prof. D. C. Panigrahi	ME	ECL
621.	3111	Functional Ability test of Self rescuers of Megherita, NECL	Prof. D. C. Panigrahi	ME	NECL
622.	3112	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Somna Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
623.	3113	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Sodepur (R) Colliery and Chhatrapur Colliery, WCL	Prof. D. C. Panigrahi	ME	WCL
624.	3114	Effect of Blasting in Opencast into Below ground Working of Kuya Colliery, BCCL (Part - A)	Prof. A. K. Mishra Dr. B. S. Choudhury	ME	BCCL
625.	3115	Caving Behaviour of the Strata in Depillaring above the zero coal seam and Stability of Pillars (Part - B)	Prof. U. K. Singh Mr. Kashinath Pal	ME	BCCL
626.	3116	Designing of Rhombus Coal Pillar and Support With Roadway Stability of Swang "C" seam of Govindpur Project (U/G) Kathara Area, CCL	Prof. M. Jawed Dr. R. K. Sinha	ME	CCL
627.	3117	Determination of compressive strength and Cerchar Hardness of ECL Coal/Shale Samples Supplied by MMD Heavy Machinery (India) Pvt. Ltd. Kolkata - 17	Prof. A. K. Mishra Prof. VMSR Murthy	ME	MMD
628.	3119	Determination of GCV and Proximate Analysis of Coal Sample of ATPS	Dr. Shalini Goutam	FME	ATPS
629.	3120	Evaluation of performance and behavior of safety instruments of Jharia UG Mine, SECL	Prof. D. C. Panigrahi	ME	SECL
630.	3121	Analysis and Interpretation of air Samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
631.	3122	Evaluation of Performance and Behavior of Safety Instruments of Kapildhara UG Project Hasdeo Area, SECL	Prof. D. C. Panigrahi	ME	SECL
632.	3123	Evaluation of Performance and Behavior of Safety Instruments and Analysis and Interpretation of Dhemoain Pit Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
633.	3124	Evaluation of Performance and Behavior of Dust Ioniser Brand name Pulver Bond of PVR Inshield Bituminous Pvt. Ltd. Dishergarh	Prof. D. C. Panigrahi	ME	PVR
634.	3125	Evaluation of performance and Behavior of Dust Ioniser Brand name dust bond of Calcutta Mining Sealants Pvt. Ltd.	Prof. D. C. Panigrahi	ME	CMSPL

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635.	3126	Analysis and Interpretation of air samples of Mandaman Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
636.	3127	Evaluation of Performance and Behavior of Safety Instruments of Rajur Incline Colliery, WCL	Prof. D. C. Panigrahi	ME	WCL
637.	3118	Cavability Index Analysis of Seam III of Pandavara Mine, Baikunthapur Area and Design of a Suitable Method of Depillaring a panel by Caving Method., SCCL	Prof. U. K. Singh	ME	SCCL
638.	3128	Scientific Study of Geo-Mining Parameters and determination of RMR of R VII A Seam near the pit bottom of No.3 Pit at SSP(O) unit of Tilaboni Colliery.	Prof. A. K. Mishra	ME	ECL
639.	3130	Tool Creation for Ore dressing for KPMG	Mr. S. Kumar Prof. R. Venugopal	FME	KPMGAS
640.	3132	Off campus course on Executives of Sandvik at Bangaluru.	Prof. P. Sen Prof. V. K. Singh Dr. R. K. Sinha	ME	SAPL
641.	3134	Evaluation of performance and behavior of Safety instruments of Silwara sub Area WCL	Prof. D. C. Panigrahi	ME	WCL
642.	3135	Air borne Respirable dust Survey by gravimetric dust sampler in bired OCP Patch A at Katras Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
643.	3136	Evaluation of performance and behavior of SCRSs of Ranipura Agucha Mine HZL.	Prof. D. C. Panigrahi	ME	HZL
644.	3137	Evaluation of performance and behavior of Safety instruments of MRS - Ramgarh,CCL	Prof. D. C. Panigrahi	ME	CCL
645.	3138	Evaluation of performance and behavior of Safety instruments of Tumalapalle Mine, UCIL.	Prof. D. C. Panigrahi	ME	UCIL
646.	3139	Evaluation of performance and behavior of Safety instruments of Saoner Sub-Area WCL	Prof. D. C. Panigrahi	ME	WCL
647.	3140	Evaluation of performance and behavior of Safety instruments of Bejdih Colliery, Sodepur Area, ECL	Prof. D. C. Panigrahi	ME	ECL
648.	3141	Analysis and Interpretation of air Samples of Hariajam 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
649.	3142	Analysis and Interpretation of air Samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
650.	3143	Analysis and Interpretation of air Samples of Sodepur R Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
651.	3144	Analysis and Interpretation of air Samples of SSI Colliery Sripur Area, ECL	Prof. D. C. Panigrahi	ME	ECL
652.	3145	Calibration of force measuring device (500 KN-Capacity) of Pre-Stressed Udyog (India) Pvt. Ltd. as per IS:4169:1988 in compression.	Prof. A. K. Mishra	ME	PSUL
653.	3146	Compliance of condition No.13 of stage 1 cleavage of Rohini OC for 74.83 ha, CCL	Prof. S. K. Maiti	ESE	CCL
654.	3147	Feviewing the HSE Documents of Adani Enterprises Ltd. (AEL) Mining Business.	Prof. R. M. Bhattacharjee	ME	AEL
655.	3148	Blast design for conducting controlled blasting with regard to blast Induced Vibration Control of flying fragments and blasting in the Vicinity of inhibited area at COCP patch in Amalgamaled Sudamdih Patherdih Colliery (ASP Colliery)	Prof. A. K. Mishra Prof. P. Sen	ME	BCCL
656.	3149	Design of Controlled Blasting with Regard to Blast Induced Vibration air over Pressure Control of flying Fragments and Blasting in the Vicinity of Inhibited area at Hired HEMM X-Patch in Amlgamatted Sudamdih-Patherdih Colliery (ASP Colliery)	Prof. A. K. Mishra Prof. P. Sen	ME	BCCL
657.	3151	Analysis of Mercury in 25 Soil Samples.	Prof. S. K. Maiti Dr. S. R. Samaddar	ESE	NCL
658.	3152	Carbon sequestration study of Eco restoration sites of BCCL 2 Sites at Damoda ad Tatulmari.	Prof. S. K. Maiti	ESE	BCCL
659.	3153	Physical Chemical and Combustion properties of Jhama Coal of Jharia Coalfields.	Prof. S. Bhattacharya Dr. B. K. Nandi	FME	BCCL
660.	3154	Subsidence Monitoring at Forest Area above the underground Working within Mining lease of UCIL Jaduguda	Dr. Dheeraj Kumar	ME	UCIL
661.	315	Stack Monitoring at MPL Dhanbad	Dr. Suresh Pandian E Dr. B. K. Mishra	ESE	MPL
662.	3158	Evaluation of performance and behavior of Mine Ventilation and Saety Instruments of Hariajam Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
663.	3159	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Burragarh 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
664.	3160	Analysis and Interpretation of Mine air Samples of Kunustoria Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
665.	3161	Analysis and Interpretation of Mine Air Samples of Parbolia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
666.	3162	Determination of density of two Coal Samples of ASP Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
667.	3163	Determination of some Physical and Chemical properties of quick setting cement capsule of Durgapur youth Technology, Durgapur	Prod. D. C. Panigrahi	ME	DYTD
668.	3164	Determination of Physical Properties of Cement Capsule Supplied by Durgapure youth Technology Durgapur.	Prod. D. C. Panigrahi	ME	DYTD
669.	3165	Airborne respirable dust survey by gravimetric dust sampler in hired OCP Patch II at Gasitand Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL

**Total value of the Consultancy projects received during the Financial Year 2015-16 (up to 31<sup>st</sup> Mar, 2016.): INR 806.55 Lakhs**

**C. Professional Development Programmes (PDP) Executed during Financial Year 2015-16 (up to 31<sup>st</sup> Mar, 2016):**

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks	Department
1.	2832 5- 24 April, 2015	Three weeks Training Programme on Mining Equipment for the E&M Engineers of SCCL.	Prof. K. Dasgupta Prof. T. K. Chatterjee Prof. A. K. Mukhopadhyaya	25	3	MME
2.	2860 27-4-2015 to 15.5.2015	Three weeks Training Program on Mining Equipment for E & M Engineers of SCCL	Prof. A. K. Mukhopadhyaya Prof. K. Dasgupta Prof. T. K. Chatterjee	25	3	MME
3.	2868 8 – 12 June, 2015	Wireless Network Protocols & Algorithms their MATLAB Simulations.	Mr. Tarachand Amgoth Prof. P. K. Jana	23	1	CSE
4.	2871 22 – 27 June, 2015	Matlab and Simulink for Engineering Applications.	Dr. Kalyan Chatterjee Dr. S. Das	14	1	EE
5.	2870 29 June to 03 July, 2015	Modem Antenna Technology (MAT) from Theory to Practice.	Dr. Sushrut Das Dr. Santanu Dwari	23	1	ECE
6.	2840 5 – 10 July, 2015	Advanced Power Electronics and Power Quality	Dr. Nitai Pal Prof. P.K. Sadhu	44	1	EE
7.	2996 6 – 15 July, 2015	Fifty hours Interactive Executive Programme on "Development of Risk based Safety.	Prof. R. M. Bhattacharjee	22	2	ME
8.	2839 12 to 17 July, 2015	Advance Electrical Power Technology.	Prof. P.K. Sadhu Dr. Nitai Pal	113	1	EE
9.	2898 12 – 16 July, 2015	3 days PDP on Mine Electrical Safety.	Prof. T. K. Chatterjee Dr. Tanmoy Maity	19	1	MME
10.	2914 24 – 25 July, 2015	Dealers Development Program for Indian Oil Dealers.	Dr. Mrinalini Panday Dr. Saumya Singh	20	1	MS
11.	2921 27 - 31, July, 2015	Advanced Analog Circuits using Current Mode Building Blocks.	Prof. S. K. Paul Dr. R. K. Ranjan	9	1	ECE
12.	2959 27 – 29 July, 2015	Rock Mechanics for Hydro-Power Projects for NHPC.	Prof. VMSR Murthy Dr. G. Budi	14	1	ME
13.	2933 3 - 5 August, 2015	Technological and Managerial Aspects of Open Cast Mining	Dr. Ajit Kumar Prof. A.K. Mukhopadhyaya	26	1	MME
14.	3019 4 to 13 August, 2015	Fifty hours Interactive Executive Programme on "Development of Risk based Safety.	Prof. R. M. Bhattacharjee	13	2	ME

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks	Department
15.	2945	Safety Engineering and Management in Coal Mines. From 17 - 21, August, 2015	Prof. S. Choudhuri Dr. P. S. Paul	22	1	ME
16.	2971 17 - 23 August, 2015	Special soft Skills Training Programme.	Prof. Pramod Pathak Dr. Saumya Singh	50	1	MSJ
17.	2934 19-23 August, 2015	Network Protocols and their Simulatino using NS-2/NS-3.	Dr. Chiranjeev Kumar Dr Haider Banka	35	1	CSE
18.	2947 24 - 28 August., 2015	Power Hydraulics in HEMM.	Prof. K. Dasgupta Dr. A. R. Dixit	17	1	MME
19.	2930 24 – 26 August 2015, Kolkata.	Condition Based Maintenance of Mining Equipment,	Dr. Tanweer Alam Prof. A. K. Mukhopaxhya	43	1	MME
20.	3018 17 <sup>th</sup> Aug., 2015 to 4 <sup>th</sup> Sept., 2015.	Underground Coal Mining Technology and Safety.	Prof. R. M. Bhattacharjee Prof. A. K. Mishra Prof. D. C. Panigrahi	24	3	ME
21.	2955 3 - 5 Sept., 2015 , at Kolkata	Environment Aspect of Mining Industry.	Dr. Biswajit Paul Prof. A. K. Siingh	31	1	ESE
22.	2956 9 - 13 Sept., 2015	Fundamentals of Soft Computing and Its Applications.	Dr. Haider Banka Dr. Chiranjeev Kumar	49	1	ESE
23.	2978 14-18 Sept., 2015	Total Station, GPS and Preparation of Computer Aided Plans and Sections.	Dr. Dheeraj Kumar Shri Vasant G.K. Villuri	19	1	ME
24.	2931 17-19 Sept, 2015	3 days Air Quality Assessment Prediction and Control for Industrial Areas	Dr. M. K. Jain Prof. A. K. Pal Dr. Suresh Pandian	22	1	ESE
25.	2989 17-18 Sept., 2015	Sustainability Enhancing Practices in Mining Industry of India.	Dr. Bibhas Chandra Dr. Saumya Singh	14	1	MS
26.	2997 21 - 25 Sept., 2015	Composite Materials: Research & Development.	Dr. K. K. Singh	38	1	MECH
27.	2952 28.9.15 to 9.10.15	2 weeks PDP on Controlled Blasting Management for Road Construction in Mountainous Area for Executives of BRO, GOI.	Prof. A. K. Mishra Dr. B. S. Choudhary	15	2	ME
28.	3022 21.09.2015 to 09.10.2015.	Advance in Drilling Blasting and Mechanical Excavation Techniques for Improved Safety and Productivity in Coal Mines.	Prof. VMSR Murthy Dr. B. S. Choudhary	24	3	ME
29.	2994 1 - 5 Sept., 2015	Advanced Data Structures with Their Applications.	Dr. Sachin Tripathi	39	1	CSE

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks	Department
30.	3033 2 - 4, Nov. 2015	Formulation of Corporate Plan for National Hydroelectric Power Corporation (NHPC) Executives.	Dr. Niladri Das	15	1	MS
31.	3039 26.10.2015 to 4.12.2015	Six Weeks Course on Advances in Mine Surveying Technology.	Dr. Dheeraj Kumar Shri S. Alam	8	6	ME
32.	3079 23.11.2015 to 04.12.2015.	Two Weeks Course on Condition Based of Mining Equipment.	Prof. A. K. Mukhopadhyay Dr. Tanweer Alam	25	2	MME
33.	2957 7 – 11 Dec., 2015	Application on Advanced Geophysical Methods for Rock Physics Modeling and Monitoring Seismicity in Mines Safety at Kolkata.	Dr.Rima Chatterjee	21	1	AGP
35.	3051 28 – 30 Dec., 2015.	Availability and Management of Water Resources near Mining & Industrial Areas at Kolkata.	Dr. P. K. Singh	39	1	ESE
34.	3050 8 – 10 Jan., 2016	Sustainable Infrastructure.	Prof. S. C. Dutta Dr. S. K. Panda Dr. S. Nayak	61	1	Civil
36.	3052 2 – 4 Dec., 2015	EIA/EMP preparation of EB & SC	Dr. Anshumali	16	1	ESE
37.	3063 7 – 11 Dec., 2015	Project Management with MS Project.	Dr. Sandeep Mondal Prof. Chandan Bhar	24	1	MS
38.	3073 7 – 9 Dec., 2015	Mining Equipment Safety Practices.	Dr. L A Kumaraswamidhas Dr. Ajit Kumar	13	1	MME
39.	3054 7 – 9 Jan, 2016 at Kolkata.	Occupational Health Safety & Environment.	Prof. A. K. Pal Dr. B. Paul	26	1	ESE
40.	3057 22 – 26 Dec., 2015 at Kolkata.	Recent Advances in Water Resources and Environmental Engineering Computation.	Dr. S. K. Gupta Dr. S. Pasupuleti Dr. Alok Sinha	21	1	ESE
41.	3062 18 - 20, 2015	Optical Communication Network and Photonic Devices.	Prof. Vishnu Priye Dr. Amitesh Kumar	12	1	Electronic
42.	3133 14.12.2015 to 01.01.2016	Advance in Rock Mechanics and Numerical Modelling for Strata Control in Underground Coal Mines.	Prof. VMSR Murthy Prof. D. C. Panigrahi Dr. A. K. Verma	30	4	ME
43.	3108 14.12.2015 to 08.01.2016.	Practical Mine Surveying for Mine Surveyors and Apprentice in Mine Surveying.	Dr. Dheeraj Kumar Dr. V.G.K. Villuri	11	4	ME
44.	3131 18 – 22, Dec., 2015	Surface Mining.	Prof. P. Sen Dr. R. K. Sinha	13	1	ME

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks	Department
45.	3157 11 – 21, Jan., 2016	Project Managemetn with Application Software for SECL Executives.	Prof. J. K. Pattanayak Dr. Niladri Das	26	2	MS
46.	3080 28 - 30 Jan., 2016	3 days PDP on Water Quality & Treatment.	Dr. Alok Singh Dr. B. K. Mishra	15	1	ESE
47.	3150 25 <sup>th</sup> Jan., 2016 to 5 <sup>th</sup> Feb., 2016	Ventilation and Safety in Underground Coal Mines – Management & Technology.	Dr. D. P. Mishra,	24	3	ME
48.	3107 18 - 22, Jan., 2016	Project Management with MS Project at Kolkata.	Prof. Chandan Bhar Dr. Sandeep Mondal	18	1	MS
49.	3105 2 - 5 Feb., 2016	Corrosion and Corrosion Control in Industries.	Dr. Mahendra Yadav	26	1	Chemistry
50.	3106 8 - 12, Feb. 2016	Nature Inspired Algorithms and its Applications at Kolkata.	Dr. Haider Banka Dr. Chiranjeev Kumar	53	1	CSE
51.	3109 8 - 11, Feb., 2016	Application of Statistical Tools in Research & Data Analysis.	Prof. G. N. Singh Dr. S. Chatterjee Dr. G. K. Vishwakarma	33	1	Math
52.	3097 17 – 19 Feb., 2016	Sustainable Waste Management Practices at Kolkata.	Dr. Vipin Kumar Dr. M. K. Jain	25	1	ESE
53.	3155 10 - 11 Feb., 2016 at Kolkata	Management Executive Stress.	Dr. Saumya Singh Prof. Pramod Pathak	12	1	MS
54.	3129 3 – 5 <sup>th</sup> March, 2016	Network Protocols and their Simulation using NS-2.	Dr. Chiranjeev Kumar Dr. Haider Banka	25	1	CSE
55.	22.2.2016 to 26.3.2016	Coal Beneficiation Principles and Plant Practices.	Prof. N. Suresh Prof. S. Bhattacharya	23	5	FME
56.	29.02.2016 to 01.04.2016	Intensive Training Programme for Management Trainees (Excavation) of CIL Executives.	Prof. K. Dasgupta Prof. A. K. Mukhopadhyay	21	5	MME
57.	29.02.2016 to 01.04.2016	Intensive Training Programme for Management Trainees (E & M) of CIL Executives.	Prof. A. K. Mukhopadhyay Prof. K. Dasgupta	19	5	MME
58.	28.3.2016 to 30.4.2016	Coal Preparation Principles & Plant Practices	Prof. N. Suresh, CI Prof. S. Bhattacharya, CO-CI	25	5	125

**Total value of the PDP executed during the Financial Year 2015-16 (up to March, 2016.): INR 310.38 Lakhs**

## D. Summary:

Total value of the projects carried forward from the Previous Financial Years	INR	747.44	Lakhs
Total value of the projects received during the Financial Year 2015-16 (up to March, 2016)	INR	806.55	Lakhs
Total value of the PDP executed during the Financial Year 2015-16 (up to March, 2016)	INR	310.38	Lakhs
<b>Total Value of the Projects carried out during the Financial Year 2015-2016</b>	<b>INR</b>	<b>1864.37</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:

ABTPS	: Anpara B. Thermal Power Station Sonebhadra
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.
ADE	: Adani Enterprises Ltd.
AML	: M/s Anani Enterprises Ltd., Godda
APEXGE	: APEX Geotech Engineers New Delhi
ACL	: Ambuja Cement Ltd. Ambujanagar

BAL : Balasore Alloys Ltd., Orissa  
 BCCL : Bharat Coking Coal Limited, Dhanbad  
 BDMBIL : Business Develoment Mining BASF India Ltd.  
 BIT : BIT Mesra Ranchi  
 BKE : B. K. Enterprises, Dhanbad  
 BGQM : Banam Guttuu Quartzite Mine, Jamshedpur  
 BGRM : BGR Mining, Hyderabad  
 BLAIL :M/s BLA Industries (P) Ltd. M.P.  
 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  
 BIOMKC : Bailadila Iron Ore Mine Krandul Complex  
 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  
 CTL : Castron Technologies Ltd., 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.  
 DYTD : Durgapur Youth Technology, Durgapur  
 DTE : Directorate of Technical Education Govt. of MP  
 DWS : DWS Division, Hazaribagh  
 DVC : Damodar Valley Corporation  
 DYTD : Durgapur Youth Technology, Durgapur  
 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.  
 GIOM : Ghatkuri Iron Ore Mines of M/s Nirmal Kumar Pradeep Kumar  
 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  
 GPTIL : GPT Infra Projects Ltd. Kolkata.  
 GGP : Govt. of Goa, Porvorim Goa  
 HGMCL : Hutti Gold Mines Co. Ltd., Raichur  
 HIL : Hindalco Industries Ltd. Ranchi  
 HIL : Hindalco Industries Ltd., Sambalpur.  
 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  
 IL&FSE&C : IL&FS Engineering and Construction Co.Lt.  
 IPL : Indu Projects Ltd. Hyderabad  
 ISPL : Intech Safety Pvt. Ltd. Calcutta  
 SIIABM : M/s Shridham Industries Industrial Area, Birkoni, Mahasamund. C. G.  
 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  
 JLDMPL : Joseph Leslie Dynamiks Mfg. Pvt. Ltd. Mumbai  
 KAR : M/s Kuhushal Arjun Rathor  
 KCM : Khetri Copper Mine and Kolihan Copper Mine Khetri  
 KCSC : K.C. Sharma & Co., Dhanbad  
 KI : Kaphila Industries, Dhanbad  
 KCJ : M/s Kanha Construction, Jhansi  
 KPMGAS : KPMG Advisory Services (P) Ltd. Gurgaon  
 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
NMDC	: NMDC, Ltd., Hyderabad
MOIL	: MOIL Ltd., Nagpur
MoM	: Govt. of India Ministry of Mines, New Delhi.
MPLM	: Mercator Petroleum Ltd., Mumbai.
MRS	: Mines Rescue Station, Dhanbad
MSEL	: Menally Sayaji Engineering Ltd.
MSRT	: Ministry of Shipping Road Transport, Andaman
NEERI	: National Environmental Engineering Research Institute Nagpur
BIOM	: Bihar Iron Ore Mines, M/S Nirmal Kumar Pradeep Kumar
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)
PPL	: Paradeep Phosphates Ltd.
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
PA&APL	: P. Arora & Associates Pvt. Ltd. New Delhi
QCD	: Quality Control Deptt. Kolkata
RCMLD	: Rajmahal Coal Mining Ltd, Godda
KAR	: M/s Kuhushal Arjun Rathor
RBI	: Reserve Bank of India, Patna

REL	: Revathi Equipment Ltd., Coimbatore
RCL	: Rodic Contents Ltd., Ranchi
RL	: Rites Ltd.
RRP	: Rescue Room, Patherkhera Area
RSS	: Rik Sales & Services, Asansol
SAPL	: Sandvik Asia Pvt. Ltd., Bangalore
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
SHPL	: Skylark Hotel Pvt. Ltd., Dhanbad
SGI	; Satguru Gum Industries, Mumbai
SPJSML	: SPJ Steel at Mineral Ltd., Bhopal.
SMC	: M/s Singhbhum Mineral Company
SSGL	: Sesa Goa Ltd., Chitradurga
SSSEPL	: Swati Safe Secure Equipments. Pvt. Ltd., Mumbai
SU	: Shanti Udyog, Dhanbad
SMIOL	: Sandur Manganese and Iron Ores Ltd., Bellary
SVFU	: Sri Venkateshwara Fibre Udyog, Bangalore.
SCTE & VT	: Odisa
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	: Zawar Group of Mines, Rajasthan