

CONSULTANCY PROJECTS EXECUTED DURING FINANCIAL YEAR 2012-13

A. Consultancy Projects carried forward from Previous Years:

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	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 Peddapetta Shaft Project.	Prof. D. C. Panigrahi	ME	SCCL
6	0063	Modeling and Simulation studies for designing the ventilation system of Kakatiya Longwall Project	Prof. D. C. Panigrahi	ME	SCCL
7	0064	Modeling and simulation studies for designing the ventilation system of shantikhani longwall Project	Prof. D. C. Panigrahi	ME	SCCL
8	0066	Modeling and Simulation studies for designing the ventilation system of Jallaram Shaft Project.	Prof. D. C. Panigrahi	ME	SCCL
9	0069	Mine Air Analysis of BCCL, Maheshpur Colliery, Area-III, Gobindpur.	Prof. D. D. Pathak	ME	BCCL
10	0073	Mine Air Analysis of CCL, Kargali (UG) Mine (BSI) B & KK Area, Bokaro.	Prof. D. D. Pathak	ME	CCL
11	0078	Mine Air analysis of Shaft Mine, Sudamdih, E.J. Area, BCCL	Prof. D. D. Pathak	ME	BCCL
12	0098	Mine Air Analysis of Kedla U/G Project	Prof. G. Udayabhanu	AC	CCL
13	0131	A study of ventilation network of the existing mine (GDK011A) and establishing an integrated ventilation network for designing the ventilation system of peddapetta shaft Block Project.	Prof. D. C. Panigrahi	ME	SCCL
14	0267	Preparation of Regional Environmental management Plan for Angul-Talcher-Meramundali area of Orissa.	Prof. Gurdeep Singh	ESE	OSPB

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
15	0293	Modification of Jig Design	Prof. A. K. Basu	ME&MME	ACL
16	0301	Design of vibrating screens	Prof. A. K. Basu	ME&MME	ACL
17	0308	Design of Coal Washing Jig	Prof. A. K. Basu	ME&MME	ACL
18	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
19	0339	Preparation of Mine Plan for TASRA, SAIL, OCP for clearance from ministry of Coal as RQP.	Dr. B. Paul	ESE	SAIL
20	0415	Advice on Preparation of Coal-Mine Plan As RQP, To CMRI, Dhanbad	Dr. B. Paul	ESE	CIMFR
21	0433	Modeling of 5 inch stub cyclone treating Iron Ore Fines.	Prof. N. Suresh	FME	TIPL
22	0469	Feasibility Study for Mineral Processing Plant & Equipment	Prof. A. K. Basu	ME&MME	ACL
23	0476	Insitu test of Toe-wall side of Katri River near Ramkanali Colliery,	Shri P. K. Behera	ME	BCCL
24	0562	Determination of crossing point and ignition point temperature of Coal samples along with their moisture content for assessing the spontaneous heating tendency of coal of Alkusa Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
25	0575	Hydrological & Water quality studies for Panandhro, Umarsar, Akrajota mining area of GMDC.	Dr. P. K. Singh	ESE	GMDC
26	0568	Consultancy work for environmental clearance /EMP of Sand Mining Leases of Tata Steel.	Dr. Biswajit Paul	ESE	TSL
27	0658	Evaluation of performance and behaviour of methanometers of murlidih 20/21 Pits Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
28	0686	Design of fan drift, evasee and study of other associated parameters for installation of main mechanical ventilator in Noonudih. Jitpur Colliery, ISP, SAIL	Prof. D. C. Panigrahi	ME	SAIL
29	0701	Evaluation of performance and behaviour of methanometers and analysis and interpretation of mine air samples of victoria West Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
30	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
31	0718	Performance Analysis of Rotary Breaker of Bhelatand Coal Washery	Prof S. Bhattacharya	FME	BCCL

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32	0719	Ground Vibration and air overpressure monitoring during underwater drilling and blasting in the intake channel and stilling basing, sikka, Jamnagar.	Prof. V.M.SR Mutthy	ME	DDIL
33	0770	Analysis of Coal, Jhama, Rangi Jhama,	Prof. V. K. Saxena	FME	SAIL
34	0777	Mine Air analysis of Kedla U/G Project, CCL Hazaribag.	Dr. M. Yadav	AC	CCL
35	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
36	0783	Analysis and interpretation of mine air samples of Begunia Project, BCCL	Prof. D. C. Panigrahi	ME	BCCL
37	0799	Preparation of Mining Plan for rock materials at Little Andaman, island for Ministry of Shipping.	Dr. B. Paul	ESE	MSRT
38	0806	Chromatographic analysis of mine air samples, calibration of oxymeter, toximeter and methanometer and measurement of crossing point temperature of coal sample of Ramnagar Colliery, ISP SAIL	Prof. D. C. Panigrahi	ME	SAIL
39	0813	Third Party Coal sampling of coal at dispatch sections of CCL.	Prof. N. Suresh	FME	CCL
40	0859	Washability analysis of different colliery Coal samples alongwith proximate analysis and FSI/LTGK analysis of some of the seam samples.	Prof. Nikkam Suresh	FME	SAIL
41	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
42	0885	A study of performance and behaviour of gas detectors of Kunusturia area, ECL.	Prof. D. C. Panigrahi	ME	ECL
43	0888	Artificial coding of intake air for improving the workplace environment in 9 seam working of Digwadih Colliery, Tata Steel Ltd.	Prof. D. C. Panigrahi	ME	TSL
44	0898	Evaluation of performance and behaviour of gas detectors of Murlidih 20/21 pits colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
45	0901	Evaluation of performance and behaviour of gas detectors of sobhapur Mines, Patherkhera Area, WCL	Prof. D. C. Panigrahi	ME	WCL
46	0922	Mine Air Analysis of Karo Special Project Ph-II, CCL. Bokaro Thermal Bokaro.	Dr. M. Yadav	AC	CCL
47	0923	Monitoring of Ambient air quality its and around the Unit 7 & 8, DVC, CTPS, Chandrapura	Prof. Gurdeep Singh	ESE	DVC
48	0925	Rehabilitation of Jharia - Mine Survey in the area of Fire Zone area of Jharia Coalfields	Prof. Gurdeep Singh	ESE	JRD

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
49	0962	Building Institutional Capacity for Sustainable Environment and Social Management in Mining Sector in Afghanistan	Prof. Gurdeep Singh	ESE	MM
50	965	Evaluation of performance and behaviour of gas detectors of Bararee and Bussery Collieries, BCCL	Prof. D. C. Panigrahi	ME	BCCL
51	0969	Evaluation of performance and behaviour of gas detectors of Sudamdih Incline Mine, E.J. Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
52	0975	Documentation of the Thematic Cluster of Mining As per CSD Guidelines.	Prof. Gurdeep Singh	ESE	MOEF
53	1011	Stack Monitoring of Coke plant.	Prof. Gurdeep Singh	ESE	SAFL
54	1012	3D Numerical Modeling Analysis for subsidence to Assess long term damage on surface vegetation due to underground mining at Kathpala and Boula Chromite mines, Facor, Bhadrak.	Prof. U. K. Singh	ME	FACOR
55	1034	Evaluation of Performance and behaviour of gas detectors of Madhuban Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
56	1039	Investigation into the determination of incubation period of R-V Seam of Jhanjra Projects, ECL	Prof. D. C. Panigrahi	ME	ECL
57	1046	Analysis and Interpretation of Mine Air Samples of Hamirpur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
58	1051	Testing of Drinking water sample from Bhuli Treatment Plant, BCCL	Prof. D. C. Panigrahi	ME	BCCL
59	1061	Evaluation of performance and behaviour of gas detectors of Amlabad Project, BCCL	Prof. D. C. Panigrahi	ME	BCCL
60	1065	A Study of crossing point temperature, ignition point temperature, and moisture content of coal samples of Monnet Ispat & Energy Ltd., Raigarh	Prof. D. C. Panigrahi	ME	MIEL
61	1077	Evaluation of performance and behaviour of gas detectors of East Basseria Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
62	1086	Evaluation of performance and behaviour of gas detectors of Kuja Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
63	1098	Testing of water, soil and air noise samples in roadside along NH23 and NH22	Prof. G. Singh	ESE	RCL
64	1104	Evaluation of performance and behaviour of gas detectors	Prof. D. C. Panigrahi	ME	BCCL
65	1117	Study on use of fly ash for manufacture of polypropylene composit for various products.	Prof. A. Sarkar	AC	NTPC

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66	1136	Field Investigations Modeling and Simulation Studies for Mederigning and Reorganising the Ventilation System for Improving the underground environment at Khottadih Colliery Pandaveswar Area	Prof. D. C. Panigrahi	ME	ECL
67	1141	Evaluation of Performance and behaviour of Gas detectors of Dubeswari Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
68	1144	Monitoring of Wastes, Soil Air Noise samples in road side along NH ₂₃ & NH ₂₂	Prof. Gurdeep Singh	ESE	DVC
69	1164	Evaluation of performance and Behaviours of Gas detectors of Rampur Sub Area MCL	Prof. D. C. Panigrahi	ME	MCL
70	1156	Hosting of Website related to incident that took place on 06-5-10 in the u/g Anjan Hills Mines	Dr. Dheeraj Kumar	ME	SECL
71	1120	Advice for optimization of blast design parameters at Chasnalla OCP for the safety and stability of underground water dam and subsequent monitoring of impact of blasting on the water dam for its safety and stability for the period of one year.	Prof. P. Sen	ME	SAIL
72	1235	Monitoring of Environmental Parameters in respect of Air, Noise, Water & Stocle Unit 7 & 8 of CTPS Chandrapura	Dr. S. K. Gupta	ESE	DVC
73	1245	Scientific study to design the construction of dam in the U/G Mine	Shri P. K. Behera	ME	BCCL
74	1253	Evaluation of Performance and Behavior of gas detectors of Bastacola Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
75	1265	Design of an Underwater drilling and controlled blasting methodology with ground vibration monitoring during trench excavation in Myanmar	Prof. V. M. S. R. Murthy	ME	DDIL
76	1279	Evaluation of Performance and Behavior of gas detectors of Kuju Colliery, CCL	Prof. D. C. Panigrahi	ME	ECL
77	1280	Evaluation of Performance and Behavior of gas detectors of Moonidih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
78	1284	Evaluation of Performance and Behavior of gas detectors of Barmonditia (A) Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
79	1285	Study for compliance of forestry clearance conditions in respect of Ghanudih and Bera Projects of Bastacola BCCL	Prof. Gurdeep Singh	ESE	BCCL
80	1299	Testing of water samples of 12.00 RHS Shankardih and 57.250 LHS Pabia Camp.	Prof. Gurdeep Singh	ESE	SEL-GKC
81	1304	Evaluation of Performance and Behavior of gas detectors submitted by M/s B K Enterprizes, Dhanbad	Prof. D. C. Panigrahi	ME	BKE

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82	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
83	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
84	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
85	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
86	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
87	1330	Evaluation of Performance and Behaviours of gas detectors of Kankanee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
88	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
89	1332	3D Numerical Modeling for subsidence prediction – Rajgamardip Side Block	Prof. U. K. Singh	ME	MIEL
90	1333	Preparation of pre-feasibility from I Report for Coal washery of Kaphila Industries	Prof. Gurdeep Singh	ESE	KI
91	1345	Report on air pressure on 16/2/11 of Basantimata Hard Coke Enterprises	Prof. Gurdeep Singh	ESE	BHCE
92	1379	Geo-Technical Investigation and Design of Slopes for RTEI-Bunder Diamond Project	Prof. P. Sen	ME	MNDCPL
93	1384	Evaluation of Performance and Behaviours of gas detectors of Godhar Colliery	Prof. D.C. Panigrahi	ME	BCCL
94	1394	Evaluation of Performance and Behaviours of gas detectors of Katras Area	Prof. D.C. Panigrahi	ME	BCCL
95	1418	Determination of Compressive Strength and Anchorage Strength of Cement Capsules.	Shri P K Behra	ME	BCCL
96	1440	Monitoring of Environmental Parameters in respect of Ambient air Stack Monitoring Noise Level and Effluent Discharge at BTPS B (O&M).	Dr. Alok Sinha	ESE	DVC

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97	1443	Evaluation of Performance and Behaviours of gas detectors of Jamadova Group.	Prof. D C Panigrahi	ME	TSL
98	1454	Mines and Mineral Development Project (Coal Sector) for Govt. of Bangladesh Providing Consultancy Services to PWC, Hyderabad.	Prof. D C Panigrahi	ME	GB
99	1455	Mines and Mineral Development Project (Coal Sector) for Govt. of Bangladesh – Providing Consultancy Services to PWC, Hyderabad Unit Phase-I.	Prof. S Choudhari	ME	GB
100	1456	Mines and Mineral Development Project (Coal Sector) for Govt. of Bangladesh – Providing Consultancy Services to PWC, Hyderabad Unit Phase-I.	Prof. S B Srivastava	ME	GB
101	1457	Mines and Mineral Development Project (Coal Sector) for Govt. of Bangladesh – Providing Consultancy Services to PWC, Hyderabad Unit Phase-I.	Prof. S Choudhari	ME	GB
102	1462	Pre Feasibility Report of Kenduadih Coal Block, BCCL Ltd.	Dr. Biswajit Paul	ESE	DCL
103	1467	Determination of Compressive and Anchorage Strength of quick Setting Cement Capsules of ECL	Shri P.K. Behera	ME	ECL
104	1478	Evaluation of Performance and Behaviour of gas detectors	Prof. D.C. Panigrahi	ME	BCCL
105	1483	Pressure-Quantity Survey of Argada Colliery	Prof. D.C. Panigrahi	ME	CCL
106	1484	Pressure-Quantity Survey of Roy Bachra Colliery	Prof. D.C. Panigrahi	ME	CCL
107	1485	Pressure-Quantity Survey of Roy Bachra Colliery	Prof. D.C. Panigrahi	ME	CCL
108	1486	Pressure-Quantity Survey of Roy Bachra Colliery	Prof. D.C. Panigrahi	ME	CCL
109	1488	Evaluation of Performance and Behaviour of gas detectors of Dobari Colliery	Prof. D.C. Panigrahi	ME	BCCL
110	1489	Evaluation of Performance and Behaviour of gas detectors of Kuya Colliery	Prof. D.C. Panigrahi	ME	BCCL
111	1497	Evaluation of Performance and Behaviour of gas detectors of Pathekhera Colliery	Prof. D.C. Panigrahi	ME	WCL
112	1504	Determination of Compressive and Anchorage Strength of quick setting cement capsule of Bera Colliery	Shri P. K. Behera	ME	BCCL

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113	1505	Monitoring of Evaluation parameters in respect of stack Monitoring and Effluent discharge	Dr. M. K. Jain	ESE	DVC
114	1512(A)	Determination Stability in XIII Seam working below D. C. Railway line at Phularitand Colliery	Prof. U. K. Singh	ME	BCCL
115	1512(B)	Field Investigations, Modelling and Simulation Studies for Reorganizing the ventilation System to Improve the Workplace Environment, Phularitand Colliery	Prof. D. C. Panigrahi	ME	BCCL
116	1516	Preparation of Environmental Statement Report of Bermo Mines, DVC	Dr. P K Singh	ME	DVC
117	1524	Evaluation of Performance and Behaviour of gas detectors	Prof. D C Panigrahi	ME	BCCL
118	1525	Evaluation of Performance and Behaviour of gas detectors	Prof. D C Panigrahi	ME	BCCL
119	1527	Mines and Mineral Development Project (hard rock sector) for Govt. of Bangladesh – Providing Consultancy Services to PWC, Hyderabad Unit (Phase-II)	Prof. S B Srivastava	ME	PWC
120	1528	Mines and Mineral Development Project (coal sector) for Govt. of Bangladesh – Providing Consultancy Services to PWC, Hyderabad Unit (Phase – II)	Prof. D C Panigrahi	ME	PWC
121	1529	Mines and Mineral Development Project (hard rock sector) for Govt. of Bangladesh – Providing Consultancy Services to PWC, Hyderabad Unit (Phase – II)	Prof. U K Singh	ME	PWC
122	1530	Mines and Mineral Development Project (coal sector) for Govt. of Bangladesh – Providing Consultancy Services to PWC, Hyderabad Unit (Phase – II)	Prof. S Choudhari	ME	PWC
123	1535	Modeling and designing of ventilation system for Rohtang Tunnel Project of Rohtang Pass of Ministry of Defense, Govt. of India and Proposal being submitted by Airef Engineers (P) Ltd.	Prof. D C Panigrahi	ME	AEPL
124	1536	Analysis and Interpretation of Air Samples of Chasnalla Colliery ISP, SAIL.	Prof. D C Panigrahi	ME	GOCL
125	1565	Evaluation of Performance and Behaviour of gas detectors of Rampur Sub Area.	Prof. D C Panigrahi	ME	MCL
126	1567	Evaluation of Performance and Behaviour of gas detectors of Lohapati Colliery.	Prof. D C Panigrahi	ME	BCCL
127	1568	Evaluation of Performance and Behaviour of gas detectors Putkee Colliery BCCL.	Prof. D C Panigrahi	ME	BCCL

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128	1570	Evaluation of Performance and Behaviour of gas detectors and Anemometers of Basantimata Colliery BCCL.	Prof. D C Panigrahi	ME	BCCL
129	1573	Analysis and Interpretation of Air Samples of Mandaman Colliery, ECL	Prof. D C Panigrahi	ME	ECL
130	1574	Evaluation of Performance and Behaviour of gas detectors Amalagamated Kheshapur West Mudidih Colliery BCCL.	Prof. D C Panigrahi	ME	BCCL
131	1575	Evaluation of Performance and Behaviour of gas detectors of Topa Colliery	Prof. D C Panigrahi	ME	CCL
132	1584	Computational Fluid dynamics Modeling Studies for the design of Fan drift of Mulupara U/G Mines.	Prof. D C Panigrahi	ME	MIEL
133	1587	Evaluation of Performance and Behavior of gas detectors and Anemometers of Chandrapur Area, WCL	Prof. D C Panigrahi	ME	WCL
134	1604	Evaluation of Performance and Behaviour of Gas Detectors of Katras, Chautidih Colliery	Prof. D C Panigrahi	ME	BCCL
135	1605	Evaluation of Performance and Behaviour of gas Detectors and Analysis of Air Samples of Amalagamated Angarapathara Colliery.	Prof. D C Panigrahi	ME	BCCL
136	1623	Evaluation of Performance and Behavior of gas detectors of Orient Mine No. 4, MCL	Prof. D C Panigrahi	ME	MCL
137	1627	Determination of Some Physical and Chemical Properties of quick Setting Cement Capsules of Phularitand Colliery	Prof. D C Panigrahi	ME	BCCL
138	1631	Rapid Env. Audit of 4 x 250 MW Power Plant of JPL	Dr. S. K. Gupta	ESE	JPL
139	1632	Mines and Mineral Development Project (Coal Sector) for Govt. of Bangladesh – Providing Consultancy services	Prof. D. C. Panigrahi	ME	PWC
140	1633	Mines and Mineral Development Project (Coal Sector) for Govt. of Bangladesh – Providing Consultancy services	Prof. S. B. Srivastava	ME	PWC
141	1634	Mines and Mineral Development Project (Coal Sector) for Govt. of Bangladesh – Providing Consultancy services to PWC Hyderabad Unit (Phase – III & IV)	Prof. D. C. Panigrahi	ME	PWC
142	1635	Mines and Mineral Development Project (Coal Sector) for Govt. of Bangladesh – Providing Consultancy services to PWC Hyderabad Unit (Phase – III & IV)	Prof. S. Choudhary	ME	PWC
143	1647	Socio-Economic Survey of Fire and Land Subsidence Affected Areas of Jharia Coalfield.	Prof. Chandan Bhar	MS	BCCL
144	1649	Evaluation of Performance and Behaviour of gas detectors of MRS, Ramgarh.	Prof. D C Panigrahi	ME	CCL

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145	1650	Evaluation of Performance and Behaviour of Ventilation Measuring Instruments of Talcher, Colliery.	Prof. D C Panigrahi	ME	MCL
146	1651	Mines and Mineral Development Project (Coal Sector) for Govt. of Bangladesh Providing Consultancy Services to PWC, Hyderabad Unit Phase-V	Prof. S. Chaudhary	ME	PWC
147	1652	Mines and Mineral Development Project (Hard Rock Sector) for Govt. of Bangladesh Providing Consultancy Services to PWC, Hyderabad Unit Phase-V	Prof. S B Srivastava	ME	PWC
148	1653	Mines and Mineral Development Project (Coal Sector) for Govt. of Bangladesh Providing Consultancy Services to PWC, Hyderabad Unit Phase-V	Prof. D C Panigrahi	ME	PWC
149	1654	Mines and Mineral Development Project (Coal Sector) for Govt. of Bangladesh Providing Consultancy Services to PWC, Hyderabad Unit Phase-III & IV	Prof. D C Panigrahi	ME	PWC
150	1662	Analysis and Interpretation of Mine air samples of Karo Special Project, CCL	Prof. D C Panigrahi	ME	CCL
151	1663	Evaluation of performance and behaviours of gas detectors of Moonidih Colliery, BCCL	Prof. D C Panigrahi	ME	BCCL
152	1667	Field investigations, modeling and design of ventilation system of Sarpi Project, SS Pur Colliery, Bankola, Area ECL.	Prof. D C Panigrahi	ME	ECL
153	1673	Analysis and Interpretation of Mine air Samples	Prof. D C Panigrahi	ME	CIMFR
154	1678	Analysis and Interpretation of air samples of shampur B Colliery	Prof. D C Panigrahi	ME	ECL
155	1680	Evaluation of performance and behavior of gas detectors of Dhansar Colliery	Prof. D C Panigrahi	ME	BCCL
156	1684	Conducting one day training programme (Off Campus)	Dr.S. Chattopadhyya	ME&MME	BCCL
157	1690	Evaluation of performance and Behaviour of gas detectors Lakhaiamata Colliery	Prof. D. C. Panigrahi	ME	ECL
158	1695	Evaluation of Performance and Behavior of gas detectors of Bararee Colliery	Prof. D. C. Panigrahi	ME	BCCL
159	1697	Evaluation of Performance and Behavior of gas detectors of Dabor Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
160	1698	Analysis and Interpretation of Mine air Samples, and determination of CPT & IPT of Coal Sample of Khoodia Colliery ECL	Prof. D. C. Panigrahi	ME	ECL

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161	1702	Mine Planning for Kerendari OCP Considering Siting of Overburden Dumps in Open Degraded Forest Land outside Mining Lease Area	Prof. Phalguni Sen	ME	JIPL
162	1703	Off-campus course on Mechatronics at BIT Mesra	Dr. S. Chattopadhyaya	ME&MME	BIT
163	1705	Evaluation of Performance and Behavior of gas detectors of Chasnalla Colliery, ISP	Prof. D. C. Panigrahi	ME	SAIL
164	1707	Off-campus course on Mechatronics at BIT Mesra	Dr. S. K. Ghoshal	ME&MME	BIT
165	1711	Sustainable Mine Planning for Iron Ore Mining in Megalahalli & R & R Plan	Dr. Biswajit Paul	ESE	SSGL
166	1722	Evaluation of performance and Behaviour of gas detectors of Chinkuri Mine-III, ECL	Prof. D. C. Panigrahi	ME	ECL
167	1723	Evaluation of performance and Behaviour of Phularitand Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
168	1727	Analysis and interpretation of Mine air sample of Lakhimata Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
169	1729	Analysis and Interpretation of Mine air Samples of Hariazam Colliery	Prof. D. C. Panigrahi	ME	ECL
170	1730	Evaluation of performance and Behaviour of gas detectors, Anemometers and Analysis of air samples	Prof. D. C. Panigrahi	ME	JNIL
171	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	SAIL
172	1732	Modeling and design of Ventilation System for Short term as well as long term bases for Parbatpur Coal Mine.	Prof. D. C. Panigrahi	ME	ESCL
173	1734	Analysis and Interpretation of air samples of Kunustoria Area ECL.	Prof. D. C. Panigrahi	ME	ECL
174	1735	Mines and Mineral Development Project (Coal Sector) for Govt. of Bangladesh providing consultancy services to PWC, Hyderabad Unit (Phase – VI)	Prof. D. C. Panigrahi	ME	PWC
175	1736	Evaluation of performance and Behaviour of gas detectors Kenda Area, ECL	Prof. D. C. Panigrahi	ME	ECL
176	1737	Evaluation of performance and Behaviour of gas detectors PENCH Area, WCL	Prof. D. C. Panigrahi	ME	WCL
177	1741	Analysis and Interpretation of air samples of swati safe services Pvt. Ltd.	Prof. D. C. Panigrahi	ME	SSSEPL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
178	1743	Mines and Mineral Development Project (Hard rock sector) for Govt. of Bangladesh Providing Consultancy services to PWC, Hyderabad Unit. (Phase – VI)	Prof. S. B. Srivastava	ME	PWC
179	1744	Mines and Mineral Development Project (Hard rock sector) for Govt. of Bangladesh Providing Consultancy services to PWC, Hyderabad Unit. (Phase – VI)	Prof. S. Choudhari	ME	PWC
180	1745	Testing of Bricks Supplied by BCCL	Shri P.K. Behera	ME	BCCL
181	1746	Evaluation of performance and behavior of gas detectors Hariajam Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
182	1747	Evaluation of performance and behavior of gas detectors Bejdih Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
183	1752	Solid Waste Management Plan & Activity	Prof. S. K. Maiti	ESE	NSPL
184	1753	Analysis and Interpretation of Mine air Samples of Badjna Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
185	1754	Evaluation of Performance and Behaviour of gas detectors Chhatrapur Colliery WCL	Prof. D. C. Panigrahi	ME	WCL
186	1755	Evaluation of Performance and Behaviour of gas detectors Baikunthapur Area SECL	Prof. D. C. Panigrahi	ME	SECL

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

INR 540.10 Lakhs

B. Consultancy Projects commenced during Financial Year 2012-13:

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
187	1758	Processing and Interpretation of TDEM Data	Prof. Shalivahan	AGP	FNGPL
188	1759	Sampling and Analysis of Sudamdih Coal Washery Slurry	Prof. T. Sharma	FME	BCCL
189	1760	Sampling and Analysis of Slurry of Pathardih Coal Washery	Prof. T. Sharma	FME	BCCL
190	1761	Stability of stability and suggest alternatives measures for stabilization of XV Seam development washing beneath open cast Railway line at Mudidih Colliery	Prof. M. Jawed	ME	BCCL
191	1762	Sampling and Analysis of Bhojudih Coal Washery Project	Prof. T. Sharma	FME	BCCL
192	1763	Determination of Mechanical Properties of Some Rocks Identified Along The TBM Tunnel Alignment	Prof. V.MSR Murthy	ME	CMRP
193	1765	Study on Impact of Re-routing of Barki Nadi over backfilled area of North Dhadhu Coal Block	Prof. Gurdeep Singh	ESE	NDMCPL
194	1766	Petrographic Analysis of Coal Samples	Prof. A. K. Verma	AGL	AA
195	1767	Evaluation of Performance and Behavior of gas detectors of Khottadih Colliery	Prof. D. C. Panigrahi	ME	ECL
196	1768	Analysis and Interpretation of Mine air Samples of Kumardhubi Colliery	Prof. D. C. Panigrahi	ME	ECL
197	1769	Determination of Incubation Period of Seam II and III of Milupara Coal Mines	Prof. D. C. Panigrahi	ME	MIEL
198	1770	Evaluation of Performance and Behaviour of gas detectors of Sodepur (R) Colliery	Prof. D. C. Panigrahi	ME	ECL
199	1771	A study of performance and Behaviour Dust Ioniser of PVR Ishield Bituminous Pvt. Ltd.	Prof. D. C. Panigrahi	ME	PVRIBPL
200	1772	A study of Performance and Behaviour of Dust ioniser of Calcutta Mining Sealants Pvt. Ltd.	Prof. D. C. Panigrahi	ME	CMSPL
201	1773	Evaluation of Performance and Behaviour of gas detectors of Mekon International	Prof. D. C. Panigrahi	ME	MIL
202	1774	Evaluation of Performance and Behaviour of gas detectors of Orient Colliery MCL,	Prof. D. C. Panigrahi	ME	MCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
203	1775	Determination of Some Chemical Properties of quick Setting Cement Capsules of Jhagrakhand Group of Mines, SECL,	Prof. D. C. Panigrahi	ME	SECL
204	1776	Evaluation of Performance and Behaviour of gas detectors of Jarangdih Colliery CCL,	Prof. D. C. Panigrahi	ME	CCL
205	1777	Off Campus “Offshore Oil Well Drilling”	Prof. S. Laik	PE	DGMS
206	1778	Off Campus “Offshore Oil Well Drilling”	Prof. S. Laik	PE	DGMS
207	1779	Evaluation of Performance and Behaviour of gas detectors of Hirakhand Bundia Mine MCL	Prof. D. C. Panigrahi	ME	MCL
208	1781	Evaluation of Performance and Behaviour of gas detectors of Govindpur Area and Damoda Colliery	Prof. D. C. Panigrahi	ME	BCCL
209	1782	Testing of Heavy Metals from PVR Inshield bituminous Pvt. Ltd. As Ba, Col, Cr, Pb, Hg, Sc & Ag,	Prof. A. K. Pal	ESE	PVRIBPL
210	1783	Testing of Heavy Metals from PVR Inshield bituminous Pvt. Ltd.	Prof. A. K. Pal	ESE	CMSPL
211	1784	Field Investigations, Modeling and redesign of ventilation systems for Hutti God Mines of the Hutti Gold Mines Co. Ltd.	Prof. D. C. Panigrahi	ME	HGMCL
212	1785	Testing of Ground Water Samples for Heavy Trace Metals Fe, Mn, As & F ,	Dr. Alok Sinha	ESE	CGWB
213	1786	Proximate analysis of 3 Coal Samples	Dr. Shalini Goutam	FME	BCCL
214	1787	Determination of Bond’s Work Index of the 4 Iron Ore Samples	Prof. N. Sures	FME	SGSIPL
215	1788	Evaluation of performance and Behaviour of gas detectors of Bagdigi Colliery	Prof. D. C. Panigrahi	ME	BCCL
216	1789	Evaluation of performance and Behaviour of gas detectors of Kanhan Area WCL,	Prof. D. C. Panigrahi	ME	WCL
217	1790	Evaluation of performance and Behaviour of gas detectors of MRS Ramgarh	Prof. D. C. Panigrahi	ME	CCL
218	1791	Evaluation of performance and Behaviour of gas detectors of Tetulmari Colliery	Prof. D. C. Panigrahi	ME	BCCL
219	1792	Evaluation of performance and Behaviour of gas detectors of Sirka Group	Prof. D. C. Panigrahi	ME	CCL
220	1793	Characterisation of Coal from KN2 Yamuna Nagar TPS & CCL Dhori Area	Prof. T. Sharma	FME	CCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
221	1794	Determination of Cerchar Hardness Index and Cerchar Abrasivity Index of Some rock Samples,.	Prof. VMSR Murthy	ME	CIMFR
222	1795	Determination of Cerchar Hardness Index and Cerchar Abrasibity Index of Some rock Samples.	Prof. VMSR Murthy	ME	CIMFR
223	1796	Determination of Cerchar Hardness Index and Cerchar Abrasibity Index of Some rock Samples.	Prof. VMSR Murthy	ME	CIMFR
224	1798	Evaluation of Performance and Behavior of gas detectors of Burragarh and Simlabahal Colliery	Prof. D. C. Panigrahi	ME	BCCL
225	1799	Evaluation of Performance and Behavior of gas detectors of Gopalichuck and Hurriladih Colliery	Prof. D. C. Panigrahi	ME	BCCL
226	1800	Evaluation of Performance and Behavior of gas detectors of Bhowrah (South) Colliery	Prof. D. C. Panigrahi	ME	BCCL
227	1801	Evaluation of Performance and Behavior of gas detectors and Analysis and Interpretation of air samples Digwadih Colliery Tata Steel	Prof. D. C. Panigrahi	ME	TSL
228	1802	Grading of Referee Coal Sample of BCCL for UP Thermal Power Plants	Prof. T. Sharma	FME	BCCL
229	1803	Gravity Survey for Chromite Deposit in Loase Area	Prof. Shalivahan	AGP	BAL
230	1804	Evaluation of Performance and Behavior of gas detectors of NECL Assam	Prof. D. C. Panigrahi	ME	NECL
231	1805	Evaluation of Performance and Behavior of gas detectors of Jharia UG Mines SECL	Prof. D. C. Panigrahi	ME	SECL
232	1806	Evaluation of Performance and Behavior of gas detectors of Ramnagar Sub Area SECL	Prof. D. C. Panigrahi	ME	SECL
233	1807	Sieve Sizing of Fire Iron Ore Samples	Prof. N. Suresh	FME	CDE
234	1808	Evaluation of Performance and Behavior of gas detectors of Bhagabandh Colliery	Prof. D. C. Panigrahi	ME	BCCL
235	1809	Evaluation of Performance and Behavior of gas detectors of KB 10/12 Colliery PB Area	Prof. D. C. Panigrahi	ME	BCCL
236	1810	Evaluation of Performance and Behavior of gas detectors of Ghusick (R) Colliery	Prof. D. C. Panigrahi	ME	ECL
237	1812	Grading of Referee Coal Sample of CCL and UPTPS	Prof. T. Sharma	FME	CCL
238	1813	Evaluation of Performance and Behavior of gas detectors of Jhanjra Project Colliery and MRS, Dhansar, BCCL	Prof. D. C. Panigrahi	ME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
239	1814	Evaluation of Performance and Behavior of gas detectors of Halibari UG Project	Prof. D. C. Panigrahi	ME	SECL
240	1815	Rapid EIA/EMP for Dungri-Petia Sand Leases, Tata Steel	Dr. Biswajit Paul	ESE	TSL
241	1816	Rapid EIA/EMP for Tetangabad Sand Leases, Tata Steel	Dr. Biswajit Paul	ESE	TSL
242	1817	Monitoring of Environmental Parameters in respect of Ambient air, Stack Monitoring Noise Level & Effluent of DVC, BTPS 'B'	Dr. Alok Sinha	ESE	DVC
243	1818	Sampling and Grading of Coal Sample of Ana & Damagoria Mines of BCCL	Prof. T. Sharma	FME	BCCL
244	1819	Evaluation of Performance and Behaviors of gas detectors of Parbelia Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
245	1820	Evaluation of Performance and Behaviors of gas detectors of Tawa mine and Baheraband Mine WCL & SECL	Prof. D. C. Panigrahi	ME	SECL & WCL
246	1821	Evaluation of Performance and Behaviors of gas detectors of Mecon International, Talcher	Prof. D. C. Panigrahi	ME	MIL
247	1822	Evaluation of Performance and Behaviors of gas detectors of Bhelatand A Colliery	Prof. D. C. Panigrahi	ME	TSL
248	1823	Size Analysis of Three Iron Samples	Prof. N. Suresh	FME	CDE
249	1824	Bond Work Index Determination of Manganese Ore Sample of Joda Managanese Mines of Tata Steel	Prof. V.K. Gupta	FME	TSL
250	1825	Quality Assement of rejects at Dugda Coal Washery	Prof. T. Sharma	FME	BCCL
251	1826	Sampling and analysis of Tailing lying at Dugda Coal Washery	Prof. T. Sharma	FME	BCCL
252	1827	To study the suitability of three Polymers and Bentonite Clay as Oil Well drilling fluid	Prof. V.P. Sharma	PE	SAI
253	1828	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
254	1829	Evaluation of Performance and Behaviours of gas detectors of North Tisra Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
255	1830	Sieve Sizing of five Iron Ore Samples supplied by CDE Asia	Prof. N. Suresh	FME	CDE
256	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

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
257	1832	Evaluation of performance and Behaviour of gas detectors of Rescue Room, Chirimiri, Area	Prof. D. C. Panigrahi	ME	SECL
258	1833	Mines and Mineral Development project (Coal Sector) for Govt. of Bangladesh – Providing Consultancy Services to PWC, Hyderabad Unit.	Prof. D. C. Panigrahi	ME	PWC
259	1834	Field Investigations Modeling and Simulation Studies for designing ventilation systems of UCIL Mines	Prof. D. C. Panigrahi	ME	UCIL
260	1835	Evaluation of Performance and Behavior of gas detectors of Chinakuri Mine No.1 ECL	Prof. D. C. Panigrahi	ME	ECL
261	1836	Determination of Cerchar Hardness Index and Cerchar Abrasivity Index of some rock samples	Prof. VMSR Murthy	ME	CIMFR
262	1837	Determination of Cerchar Hardness Index and Cerchar Abrasivity Index of some rock samples	Prof. VMSR Murthy	ME	CIMFR
263	1839	Analysis of Coal Samples	Prof. V. K. Saxena	FME	CIMFR
264	1840	Written Test for Tata Steel Employees (IL6 Process)	Prof. P.S. Gupta	AP	TSL
265	1841	Evaluation of performance and Behavior of gas detectors of Rampur Sub Area	Prof. D.C. Panigrahi	ME	MCL
266	1842	Size analysis of Three Iron Ore Samples Supplied by CDE Asia	Prof. N. Suresh	FME	CDE
267	1844	Evaluation of performance and behavior of gas detectors of Joyrampur Colliery	Prof. D.C. Panigrahi	ME	BCCL
268	1845	Evaluation of performance and behavior of gas detectors of Many Enterprises, Dhanbad	Prof. D.C. Panigrahi	ME	ME
269	1846	Investigation into degree of gassiness of IV Top seam of north Tisra Colliery Lodna Area	Prof. D.C. Panigrahi	ME	BCCL
270	1847	Evaluation of performance and behavior of gas detectors of Sawang Colliery, CCL	Prof. D.C. Panigrahi	ME	CCL
271	1848	Evaluation of performance and behavior of gas detectors of Mudidih Colliery BCCL	Prof. D.C. Panigrahi	ME	BCCL
272	1849	Evaluation of performance and behavior of gas detectors of Gourandih-Begunia Colliery, ECL	Prof. D.C. Panigrahi	ME	ECL
273	1850	Evaluation of performance and behavior of gas detectors of PB Project Colliery, BCCL	Prof. D.C. Panigrahi	ME	BCCL
274	1851	Analysis and Interpretation of air Samples of Kurasia Colliery, SECL	Prof. D.C. Panigrahi	ME	SECL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
275	1852	Sampling and Analysis for grading of Slurry of Madhuban Coal Washery	Prof. T. Sharma	FME	BCCL
276	1853	Calibration of 500 KN Proving Ring	Shri P. K. Behera	ME	MILK
277	1854	Evaluation of Performance and Behavior of gas detectors of Pathakhera Colliery	Prof. D.C. Panigrahi	ME	WCL
278	1855	Evaluation of Performance and Behavior of gas detectors of Sobhapur Colliery WCL	Prof. D.C. Panigrahi	ME	WCL
279	1856	Evaluation of Performance and Behavior of gas detectors of Mine No.1 & 2, Orient Colliery MCL	Prof. D.C. Panigrahi	ME	MCL
280	1857	Evaluation of Performance and Behavior of gas detectors of Shyampur Colliery B, ECL	Prof. D.C. Panigrahi	ME	ECL
281	1858	Evaluation of Performance and Behavior of gas detectors of Alkusa Colliery, BCCL	Prof. D.C. Panigrahi	ME	BCCL
282	1859	Analysis of Coal Sample of Moonidih Coal Washery, CCL	Prof. T. Sharma	FME	BCCL
283	1860	Evaluation of Performance and Behavior of gas detectors of Sudamdih Incline Mine, BCCL	Prof. D.C. Panigrahi	ME	BCCL
284	1861	Evaluation of Performance and Behavior of gas detectors of Kapildhara Mine, SECL	Prof. D.C. Panigrahi	ME	SECL
285	1863	Evaluation of Performance and Behavior of gas detectors of Jitpur Colliery ISP-SAIL	Prof. D.C. Panigrahi	ME	SAIL
286	1864	Evaluation of Performance and Behavior of gas detectors of Khottadih Colliery, ECL	Prof. D.C. Panigrahi	ME	ECL
287	1865	Evaluation of Performance and Behavior of gas detectors of Roy Bachra Colliery, CCL	Prof. D.C. Panigrahi	ME	CCL
288	1866	Calibration of 500 Kn Force Measuring device	Shri P. K. Behera	ME	PUIPL
289	1867	Evaluation of Performance and Behavior of gas detectors of Kankanee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
290	1868	Evaluation of Performance and Behavior of gas detectors and other Safety instruments of Salanpur Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
291	1869	Evaluation of Performance and Behavior of gas detectors of Busserya Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
292	1870	Evaluation of Performance and Behavior of gas detectors of Mekon International Dhanbad	Prof. D. C. Panigrahi	ME	MIL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
293	1871	Evaluation of Performance and Behavior of gas detectors of gas SCSRS of Moonidih Colliery	Prof. D. C. Panigrahi	ME	BCCL
294	1872	Evaluation of Performance and Behavior of gas Begunia Project BCCL	Prof. D. C. Panigrahi	ME	BCCL
295	1874	Characterisation of Lime Stone for Decrepiation Shatter & Tumbler Indices.	Prof. T. Sharma	FME	SCIPL
296	1875	Analysis of CHN Parameters of Coal Samples.	Prof. V. K. Saxena	FME	SGSIPL
297	1876	Analysis and Interpretation of Mine air samples of Bagdigi Colliery.	Prof. D. C. Panigrahi	ME	BCCL
298	1877	Analysis and Interpretation of Mine air Samples of Bhelatand A Colliery Tata Steel Ltd.	Prof. D. C. Panigrahi	ME	TSL
299	1878	Evaluation of Performance and Behavior of gas detectors Begunia Sijua Colliery Tata Steel Ltd.	Prof. D. C. Panigrahi	ME	TSL
300	1879	Functional Ability test of Self Rescuers of five Colliery Viz Mudidih, Bansjora, Tetulmari Loyabad and Kankanee Collierys BCCL	Prof. D. C. Panigrahi	ME	BCCL
301	1880	Evaluation of Performance and Behavior of gas detectors of Kumardhubi Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
302	1881	Evaluation of Performance and Behavior of SCSRS of Murulidih Colliery.	Prof. D. C. Panigrahi	ME	BCCL
303	1882	Evaluation of Performance and Behavior of gas detector of Khoodia Colliery.	Prof. D. C. Panigrahi	ME	ECL
304	1883	Evaluation of Performance and Behavior of gas detector of Mine No.3 Orient Area and Beharaband Colliery of MCL and SECL	Prof. D. C. Panigrahi	ME	SECL
305	1884	Evaluation of Performance and Behavior of gas detectors of Rik Sales and Services	Prof. D. C. Panigrahi	ME	RSS
306	1885	Evaluation of Performance and Behavior of gas detector of Chapapur Colliery.	Prof. D. C. Panigrahi	ME	ECL
307	1886	Grading of Coal Slurry of BCCL	Prof. T. Sharma	FME	BCCL
308	1887	Evaluation of Performance of NVE dust Suppression Model EEIL DS 160 mm blast hole drill of EMICO Elecon (India) Ltd.	Prof. D.C. Panigrahi	ME	EIMCOEL
309	1888	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kanhan Area WCL.	Prof. D.C. Panigrahi	ME	WCL
310	1889	Functional Ability test of Self Rescuers of Katras Area BCCL.	Prof. D.C. Panigrahi	ME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
311	1890	Geophysical Exploration for Mapping Traps in Suri, West Bengal	Dr. U. K. Singh	ME	WBMDTCL
312	1892	Geophysical Survey for Magnetite deposits at Thana Area of Giridih	Dr. U. K. Singh	ME	KDA
313	1893	Evaluation of Performance and Behavior of gas detectors of Lodna Colliery	Prof. D. C. Panigrahi	ME	BCCL
314	1894	Evaluation of Performance and Behavior of gas detectors of Bastacola Colliery	Prof. D. C. Panigrahi	ME	BCCL
315	1895	Analysis of CHN Parameters of Coal Samples.	Prof. V. K. Saxena	FME	SGSIPL
316	1896	Analysis of CHN Parameters of Coal Samples	Prof. V. K. Saxena	FME	SGSIPL
317	1897	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Sarni Mine Pathakhera Area WCL	Prof. D. C. Panigrahi	ME	WCL
318	1898	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Patmohana Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
319	1899	Determination of Cerchar hardness Index and Cerchar Abrasivity Index of Some rock samples.	Prof. VMSR Murthy	ME	CIMFR
320	1900	Determination of Cerchar Hardness and Abrasivity Index of some rock samples.	Prof. VMSR Murthy	ME	CIMFR
321	1901	Determination of Cerchar Hardness and Abrasivity Index of some rock samples.	Prof. VMSR Murthy	ME	CIMFR
322	1902	Determination of Cerchar Hardness and Abrasivity Index of some rock samples.	Prof. VMSR Murthy	ME	CIMFR
323	1903	Ore characterization of low grade Iron Ores, BHJ and Laterite Per location basis Part - I	Prof. A. S. Venkatesh	AGL	SGSIPL
324	1904	Characterisation, Benefication and Development of the flowsheet for 3 Iron Ore Samples Part- II	Prof. N. Suresh	FME	SGSIPL
325	1905	Determination of some physical and chemical properties of quick setting cement capsules of Moonidih Colliery	Prof. D. C. Panigrahi	ME	BCCL
326	1906	Determination of compressive and Anchorage Strength of quick setting cement capsule of Moonidih Colliery	Shri P. K. Behera	ME	BCCL
327	1907	Evaluation of Performance and Behavior of SCSRS of Sudamdih shaft Mine EJ Area BCCL	Prof. D. C. Panigrahi	ME	BCCL
328	1908	Conversion of Mine Plans of Chasnalla & Tasra Colliery IISCO-58, SAIL From 1: 12000/1:1200 Scale to 1:4000/1:5000	Dr. Dheeraj Kumar	ME	SAIL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
329	1911	Analysis of Coal Sample of Washed Coal (Power) of Mahuda Coal Washery	Prof. V.K.Saxena	FME	BCCL
330	1912	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Rajnagar Sub Area.	Prof. D. C. Panigrahi	ME	SECL
331	1913	Evaluation of Performance and Behavior of gas detectors of Simlabahal Colliery	Prof. D. C. Panigrahi	ME	BCCL
332	1914	Evaluation of Performance and Behavior of gas detectors of Bhawra (s) Colliery	Prof. D. C. Panigrahi	ME	BCCL
333	1915	Analysis and Interpretation of Air Samples of Lodna Colliery	Prof. D. C. Panigrahi	ME	BCCL
334	1916	Sampling and Analysis of Slurry Lying at Sudamdih Coal Washery	Prof. T. Sharma	FME	BCCL
335	1917	Functional Ability test of Self Rescuers of Lodna Area.	Prof. D.C. Panigrahi	ME	BCCL
336	1918	Evaluation of Performance and Behavior of gas detectors of Churi Colliery , CCL	Prof. D.C. Panigrahi	ME	CCL
337	1919	Evaluation of Performance and Behavior of gas detectors of MRS Dhansar BCCL	Prof. D.C. Panigrahi	ME	BCCL
338	1920	Evaluation of Performance and Behavior of gas detectors of MRS Ramgarh , CCL	Prof. D.C. Panigrahi	ME	CCL
339	1921	Determination of compressive and Anchorage Strength of quick Setting cement capsule of North Tisra Colliery	Shri P. K. Behera	ME	BCCL
340	1922	Determination of some physical and Chemical Properties of quick Setting Cement Capsule of North Tisra Colliery	Prof. D. C. Panigrahi	ME	BCCL
341	1923	Sampling and Grading of Reject Coal of Moonidih Coal Washery	Prof. T. Sharma	FME	BCCL
342	1924	Grading of Coal Slurry at Patherdih Washery	Prof. T. Sharma	FME	BCCL
343	1928	Designing Pattern of holes for stone drift blasting having dimension 6.0 m X 3.0 m in Dhansar Industry Colliery	Dr. A. K. Mishra	ME	BCCL
344	1929	Field Investigations, Modeling and design of Ventilation System for Improving the U/G Workplace Environment on short term as well as long term basis for Balaghal Mine, MOIL Ltd. Part (B)	Prof. D. C. Panigrahi	ME	MOIL
345	1930	Field Investigations, Modeling and design of Ventilation System of Sindesar Khurd Mine HZL (Phase-III)	Prof. D. C. Panigrahi	ME	HZL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
346	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
347	1932	Modeling and Simulation Studies for designing the Ventilation System of XV Seam, Moonidih Colliery Indu Projects Ltd, Hyderabad	Prof. D. C. Panigrahi	ME	IPL
348	1933	Evaluation of Performance and Behavior of Gas detector of Malga Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
349	1934	Evaluation of Performance and Behavior of gas detectors of Shaft Mine, Sudamdih BCCL	Prof. D. C. Panigrahi	ME	BCCL
350	1935	Evaluation of Performance and Behavior of gas detector and Analysis of Air Samples of Sawang Colliery CCL	Prof. D. C. Panigrahi	ME	CCL
351	1936	Evaluation of Performance and Behavior of gas detectors of Bararee Colliery	Prof. D. C. Panigrahi	ME	BCCL
352	1937	Evaluation of Performance and Behavior of gas detectors Many Enterprise, Dhanbad	Prof. D. C. Panigrahi	ME	ME
353	1938	Evaluation of Performance and Behavior of gas detectors Brijuri Colliery	Prof. D. C. Panigrahi	ME	SECL
354	1939	Evaluation of Performance and Behavior of gas detectors of perbelia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
355	1940	Evaluation of Performance and Behavior of gas detectors of Rajur Incline Colliery WCL	Prof. D. C. Panigrahi	ME	WCL
356	1941	Evaluation of Performance and Behavior of gas detectors of Somna Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
357	1942	Evaluation of Performance and Behaviour of gas detectors of Chinakuri Colliery Mine No.1	Prof. D. C. Panigrahi	ME	ECL
358	1943	Evaluation of performance and Behaviour of gas dectors of Bhagaband Colliery,	Prof. D. C. Panigrahi	ME	BCCL
359	1944	Functional Ability test of Self contained Self Rescuar of Bhawra Colliery and Moonidih Colliery	Prof. D. C. Panigrahi	ME	BCCL
360	1945	Analysis of CHN Parameters of Coal Samples	Prof. V. K. Saxena	FME	SGSIPL
361	1946	Evaluation of Performance and Behaviour of Mine Safety Instruments of Churi Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
362	1947	Evaluation of Performance and Behaviour of Mnie Safety Instruments of Jhanjra Project Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
363	1948	Evaluation of Performance and Behaviours of Mine Safety Instruments and air Sample Analysis of Jarangdih Colliery	Prof. D. C. Panigrahi	ME	CCL
364	1949	Evaluation of Performance and Behaviour of Mine Safety Instruments of Bagdigi Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
365	1950.	Evaluation of Performance and Behaviour of Mine Safety Instruments, Analysis of gas samples, and Measurement of Dust and Noise in Jitpur Colliery, ISP, SAIL (Part - 1)	Prof. D. C. Panigrahi	ME	SAIL
366	1951	Evaluation of Performance and Behaviours of SCSRS of Begunia Project, BCCL	Prof. D. C. Panigrahi	ME	BCCL
367	1952	Evaluation of Performance and Behaviours of SCSRS of Sudamdih Incline Mine BCCL	Prof. D. C. Panigrahi	ME	BCCL
368	1953	Evaluation of Performance and Behaviours of SCSRS of Bhawrah(N) UG Mine BCCL	Prof. D. C. Panigrahi	ME	BCCL
369	1955	Preparation of Environmental Management Report for DVC Mines.	Dr. B. Paul	ESE	DVC
370	1956.	Evaluation of Performance and Behaviour of Mine Safety Instruments and air samples Analysis of Gopalichuk Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
371	1957	Functional Ability test of Self Rescuers of Alkusa Colliery	Prof. D. C. Panigrahi	ME	BCCL
372	1958	Evaluation of Performance and Behaviour of Mine Safety Instruments of Baheraband Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
373	1959	Determination of degree of gassiness of V/VI Seam of Lodna Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
374	1960	Evaluation of Performance and Behaviour of mine Safety Instruments of P.B. Project Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
375	1961	Evaluation of Performance and Behaviour of Mine Safety Instruments Sodepur @ Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
376	1962	Analysis and Interpretation of Mine air Samples of Anjan Hill Mine, SECL	Prof. D. C. Panigrahi	ME	SECL
377	1964	Functional Ability Test of Self Rescuers of Hurriladid Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
378	1965	Evaluation of Performance and Behaviour of Mine Safety Instruments Hurrilidid Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
379	1966	Testing of Integrated Steel Cog of 30t Capacity	Prof. U. K. Singh	ME	SU

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
380	1967	Evaluation of Performance and Behavior of Mine Safety instruments K.B. Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
381	1968	Analysis of Coal Samples	Prof. V. K. Saxena	FME	CIMFR
382	1969	Reduction Behaviour of Iron Ore by Coal Samples	Prof. T. Sharma	FME	KCSC
383	1973	Evaluation of Performance and behavior of Mine Safety Instruments of Murulidih Colliery	Prof. D. C. Panigrahi	ME	BCCL
384	1974	Evaluation of Performance and behavior of Mine Safety instruments of Bararee Colliery	Prof. D. C. Panigrahi	ME	BCCL
385	1975	Evaluation of Performance and Behavior of Mine Safety Instruments of Lodna Colliery	Prof. D. C. Panigrahi	ME	BCCL
386	1976	Analysis and Interpretation of Mine air Sample of Chapapur Colliery	Prof. D. C. Panigrahi	ME	ECL
387	1977	Functional ability test of Self Rescuers of Godhar Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
388	1978	Analysis and Interpretation of air Samples and Calibration of Safety Instruments of Jarangdih Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
389	1979	Evaluation of Performance and Behaviours of SCSRS of Bussereya Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
390	1980	MCQ for Data Entry Operators	Prof. P. Pathak	MS	BCCL
391	1981	Size Analysis of TwoSilica Sand Samples	Prof. Nikkam Suresh	FME	CDE
392	1982	Independent Evaluation and Assessment of Major Central Sector Scheme Promotional Exploration Scheme of Ministry of Coal	Prof. S. Choudhari	ME	MC
393	1986	Evaluation of Performance and Behavior of Mine Safety instruments of MRS Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
394	1987	Evaluation of Performance and Behavior of Mine Safety instruments of Dubeswari Colliery, ECL	Prof. D. C. Panigrahi	ME	CCL
395	1988	Evaluation of Performance and Behavior of Mine Safety instruments of Hasdeo Area, SECL	Prof. D. C. Panigrahi	ME	SECL
396	1989	Off-Campus on Best Blasting practices for improved Productivity in U/G Metal Mines for HZL Executives	Dr. A. K. Mishra	ME	HZL
397	1990	Flotation Workshop 12	Prof. S. Bhattacharya	FME	XT

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
398	1991	Functional Ability test of Self Rescuers of Bera Colliery	Prof. D. C. Panigrahi	ME	BCCL
399	1992	Analysis and Interpretation of air Samples of Parbatpur Colliery	Prof. D. C. Panigrahi	ME	ESCL
400	1993	Analysis and Interpretation of air Samples of Khoodia Colliery	Prof. D. C. Panigrahi	ME	ECL
401	1994	Evaluation of Performance and Behavior of gas detectors of Pandavesar Area, ECL	Prof. D. C. Panigrahi	ME	ECL
402	1995	Evaluation of Performance and Behavior of gas detectors of Bagdigi Colliery and Govindpur Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
403	1996	Evaluation of Performance and Behavior of gas detectors and Analysis of air Samples of Sawang Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
404	1997	Evaluation of Performance and Behavior of gas detectors of Kanhan Area WCL	Prof. D. C. Panigrahi	ME	WCL
405	1998	Evaluation of Performance and Behavior of gas detectors of Tawa 1 and Chhtrapur Colliery, WCL	Prof. D. C. Panigrahi	ME	WCL
406	1999	Astudy of Parameters for determining the Execution of Measures for dust control in Bartarai Colliery Amadand Sub Area J & K Area SECL	Prof. D. C. Panigrahi	ME	SECL
407	2000	Evaluation Studies of the Promottonal scheme of M/s MECL.	Prof. B. C. Sarkar	AGL	MECL
408	2001	Functional Ability test of Self Rescuers of KB 10/12 Pit Colliery BCCL.	Prof. D. C. Panigrahi	ME	BCCL
409	2002	Evaluation of performance and Behavior of Mine Safety instruments of Mekon International.	Prof. D. C. Panigrahi	ME	MIL
410	2003	Determination of Cerchar Hardness and Abrasivity Index of Some coal Measure rocks.	Prof. V.M.S. R. Murthy	ME	CIMFR
411	2004	Determination of degree of gassiness of SP Bottom Seam of Kumardhubi Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
412	2005	Evaluation of Performance and Behavior of gas detectors and Analysis of air Samples of Gopalichuk Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
413	2006	Evaluation of Performance and Behavior of gas detectors of Tawa Mine II WCL	Prof. D. C. Panigrahi	ME	WCL
414	2007	Evaluation of Performance and Behavior of gas detectors of Joyrampur Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
415	2008	Evaluation of Performance and Behavior of gas detectors of KB 10/12 Pits Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
416	2009	Factional Ability test of Self Rescuers of PB Project Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
417	2010	Evaluation of Performance and Behavior of gas detectors of Burragarh Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
418	2011	Evaluation of Schemes of Geological Survey of India(GSI) Taken up During XI Plan Period and Continuing into the XII Plan Period.	Prof. B.C. Sarkar	AGL	GSI
419	2012	Blast design for Safe Blasting and Determination of Safe maximum charge at Gondudih Khas Kusunda Colliery, BCCL	Dr. A. K. Mishra	ME	BCCL
420	2013	Extraction of Potosh from Glauconite	Prof. T. Sharma	FME	FCIAGMIL
421	2014	Size Analysis of Three Iron Ore Samples.	Prof. N. Suresh	FME	CDE
422	2015	Land Subsidence Study at Essar Raniganj CBM Block at Durgapur (RG-(E)-CBM-11/1 Block.	Prof. Phalguni Sen	ME	EOL
423	2016	Proxiand Ultimate Analysis of Coal Samples.	Prof. N. Suresh	FME	GW
424	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
425	2018	Evaluation of Performance and Behavior of gas detectors of Bera Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
426	2019	Analysis and Interpretation of Mine air Samples of Mudidih Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
427	2020	Field Investigations, Modeling and Design of Ventilation System of Kayar Mine HZL Phase - II.	Prof. D. C. Panigrahi	ME	HZL
428	2021	Field Investigations, Modeling and design of Ventilation System to Improve for Rampura Agucha Lead Zinc Mine HZL.	Prof. D. C. Panigrahi	ME	HZL
429	2022	Grindability Studies of Iron Ore, Limestone, Pyrorinite divine and nut-Coke.	Prof. R. Venugopal	FME	TSL
430	2023	Evaluation of Performance and Behavior of Chandrapur Area WCL.	Prof. D. C. Panigrahi	ME	WCL
431	2024	Evaluation of Performance and Behavior of gas detectors of Rajnagar R.O. Colliery SECL.	Prof. D. C. Panigrahi	ME	SECL
432	2025	Evaluation of Performance and Behavior of gas detectors of Amalgamated Kathalpur WM Colliery. BCCL.	Prof. D. C. Panigrahi	ME	BCCL
433	2026	Evaluation of Performance and Behavior Safety Instruments of Roy-Bachra Colliery, CCL.	Prof. D. C. Panigrahi	ME	CCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
434	2027	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Burragarh Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
435	2028	Evaluation of Performance and Behavior of Ventilation and Safety instruments of Rajur Incline WCL.	Prof. D. C. Panigrahi	ME	WCL
436	2029	Evaluation of Performance and Behavior of Ventilation and safety Instruments of Baikunthapur Area, SECL.	Prof. D. C. Panigrahi	ME	SECL
437	2030	Evaluation of Performance and Behavior of SCSRs of Bhagaband Colliery, BCCL	Prof. D. C. Panigrahi	ME	SECL
438	2031	Analysis and Interpretation of air Samples of Bhagaband Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
439	2032	Size Analysis of the Samples Using Cyclosizer.	Prof. N. R. Mandre	FME	CDE
440	2033	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bhawra(W) Colliery.	Prof. D. C. Panigrahi	ME	BCCL
441	2034	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Moonidih Colliery.	Prof. D. C. Panigrahi	ME	BCCL
442	2035	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Haripur Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
443	2036	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Palkimara Incline and Haldibari UG Project.	Prof. D. C. Panigrahi	ME	SECL
444	2038	Testing of Water Sample from PB Area of BCCL.	Mr. B. K. Mishra	ESE	BCCL
445	2039	Functional Ability test of Self Rescuers of Dhansar Colliery.	Prof. D. C. Panigrahi	ME	BCCL
446	2040	Evaluation of Performance and Behavior of gas detectors Dhansar Rescue Station and Patherdih Colliery. BCCL.	Prof. D. C. Panigrahi	ME	BCCL
447	2041	Hydrogeological Study for Milupara Coalfields Mand, Raigarh.	Prof. M.K. Mukherjee	AGL	MIEL
448	2042	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Dhemomine Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
449	2043	Off Campus Mine Electrical Engineering for the Management Trainees/Executives Engineers of Tata Steel, Jamadoba from 20.02.13	Prof. T. K. Chatterjee	MECH	TSL
450	2044	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bera Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
451	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
452	2046	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Talcher Colliery, MCL.	Prof. D. C. Panigrahi	ME	MCL
453	2047	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Dhori Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
454	2048	Analysis and Interpretation of mine air samples of Dhori (K) Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
455	2049	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Tetulmari Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
456	2050	Analysis of Coal Sample from Anpara Thermal Power Station.	Dr. Shalini Gautam	FME	ATPS
457	2051	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Dhansar Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
458	2052	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Mekon International	Prof. D. C. Panigrahi	ME	MIL
459	2053	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Ningah Group of Mines, ECL.	Prof. D. C. Panigrahi	ME	ECL
460	2054	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Govindpur Area BCCL.	Prof. D. C. Panigrahi	ME	BCCL
461	2055	Technical Advisory on setting up of Coal Washery - Phase - A	Prof. S. Bhattacharya	FME	DTTIPL
462	2056	Characterisation of ECL Coal sample for Gasification Behavior of coal.	Prof. T. Sharma	FME	ECL
463	2057	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Sijua Colliery Tata Steel Ltd.	Prof. D. C. Panigrahi	ME	TSL
464	2058	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of B.K. Enterprises, Dhanbad	Prof. D. C. Panigrahi	ME	BKE
465	2059	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Alkusa Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
466	2061	Sampling & Analysis of Coal Slurry/Tailing.	Prof. N.R. Mandre	FME	BCCL
467	2062	Preparation of MCQ for Marks Grade III Written Examination	Dr. Sumya Singh	MS	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
468	2063	Determination of Cerchar Hardness and Abrasivity Index of Some Rock Samples.	Prof. V.M.S. R. Murthy	ME	CIMFR
469	2065	Environmental audit at OP Jindal Super Power Thermal Power Plant (4 x 250 MW)	Prof. Gurdeep Singh	ESE	JPL
470	2066	Coal samples Analysis work for GCV Sodepur Area.	Prof. V. K. Saxena	FME	ECL
471	2067	Analysis of Coal Sample of Washed Coal (Power) of Mahuda Coal Washery	Prof. V. K. Saxena	FME	BCCL
472	2068	Evaluation of Performance and Behavior of Ventilation and Safety Instruments and Analysis of air Samples of Joyrampur Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
473	2069	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Sodepur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
474	2070	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Chinakuri Mine No.2, ECL	Prof. D. C. Panigrahi	ME	ECL
475	2071	Cyclosizing Test Work.	Mr. Anand Anupam	FME	CDE
476	2072	Evaluation of performance and Behavior of gas detectors and Analysis and Interpretation of air Samples.	Prof. D. C. Panigrahi	ME	JNIL
477	2073	Determination of degree of gasiness of R-VIIA seam.	Prof. D. C. Panigrahi	ME	ECL
478	2074	Analysis and Interpretation of air samples of Tetulmari Colliery,BCCL.	Prof. D. C. Panigrahi	ME	BCCL
479	2075	Evaluation of Performance and Behavior of gas detectors of Lohapatti Colliery.	Prof. D. C. Panigrahi	ME	BCCL
480	2076	Evaluation of Performance and Behavior of gas detectors of Bankala Area.	Prof. D. C. Panigrahi	ME	ECL
481	2077	Evaluation of Performance and Behavior of gas detectors and analysis of air Samples of Bagdigi Colliery.	Prof. D. C. Panigrahi	ME	BCCL
482	2079	Sub-Sieve Size Analysis Using Cyclosizer.	Mr. Anand Anupam	FME	CDE
483	2080	Evaluation of Performance and Behavior of Ventilation and Safety Instruments and Analysis of air Samples of Lodhna Colliery.	Prof. D. C. Panigrahi	ME	BCCL
484	2081	Coal Seam Analysis Work for GCV on Equilibrated basis.	Prof. V. K. Saxena	FME	ECL
485	2082	Water sample testing of DWS Division, Hazaribagh.	Mr. B. K. Mishra	ESE	DWS

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
486	2083	Coal Sample Analysis Work for GCV on Equilibrated basis.	Prof. V. K. Saxena	FME	ECL
487	2084	Off-Campus Course Mentorship Development Programme .	Prof. P. Pathak	MS	BCCL
488	2085	Coal Samples Analysis Work for CHNS.	Pfof. V. K. Saxena	FME	SGSIPL
489	2086	Check Survey of Milupara and Kondekal Underground Mines of MIE.	Dr. Dheeraj Kumar	ME	MIEL
490	2087	Evaluation of Performance and behavior of gas detector of MRS Ramgarh, CCL.	Prof. D. C. Panigrahi	ME	CCL
491	2088	Evaluation of Performance and behavior of gas detectors of P.B. Project Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
492	2089	Evaluation of Performance and Behavior of gas detectors of Mines Rescue Station.	Prof. D. C. Panigrahi	ME	BCCL
493	2090	Evaluation of Performance and Behavior of gas Detector of Sarni Mine, WCL.	Prof. D. C. Panigrahi	ME	WCL
494	2091	Evaluation of Performance and Behavior of gas Detector of Pootkee Colliery.	Prof. D. C. Panigrahi	ME	BCCL
495	2092	Determination of Some Physical and Chemical Properties of quick Seting Cement Capsule of Chinakuri Mine No.1, ECL.	Prof. D. C. Panigrahi	ME	ECL
496	2093	Determination of Compressive and Anchorage Strenght of Quick Seting Cement Capsule of Chinakuri Mine No.1.	Shri P. K. Behera	ME	ECL
497	2094	Evaluation of Performance and Behavior of ventilation and Safety Instruments of Methani Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
498	2095	Evaluation of Performance and Behavior of ventilation and Safety Instruments of Bararee Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
499	2096	Evaluation of Performance and Behavior of ventilation and Safety Instruments of Bussereya Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
500	2097	Evaluation of Performance and Behavior of ventilation and Safety Instruments of B. K. Enterprises.	Prof. D. C. Panigrahi	ME	BKE
501	2098	Evaluation of Performance and Behavior of ventilation and Safety Instruments of Mekon International, Dhanbad.	Prof. D. C. Panigrahi	ME	MIL
502	2099	Evaluation of Performance and Behavior of gas detectors, Analysis and Interpretation of air Samples of Malga and Jhiria Mines, Hansdeo Area SECL.	Prof. D. C. Panigrahi	ME	SECL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
503	2100	Testing of Wastewater Samples.	Dr. S. K. Gupta	FME	BCCL
504	2101	Mines and Mineral Development project (Coal Sector) for Govt. of Bangladesh – Providing Consultancy Services to PWC, Hyderabad.	Prof. D.C. Panigrahi	ME	PWC
505	2102	Evaluation of Performance and Behaviour of gas detectors of Tawa Mine-I, WCL.	Prof. D.C. Panigrahi	ME	WCL
506	2103	Evaluation of Performance and Behavior of gas detectors of Kumardhubi Colliery, ECL.	Prof. D.C. Panigrahi	ME	ECL
507	2104	Testing of Light Weight Acchorage testing Machine.	Prof. U. K. Singh	ME	JBEPL
508	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
509	2108	Analysis and Interpretation of mine air Samples of Mandaman Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
510	2109	Development of Mine Air colling Systems for Mines, Blue Star Ltd.	Prof. D. C. Panigrahi	ME	BSL
511	2110	Ultimate Analysis of Pelletized Waste Paper.	Prof. V. K. Saxena	FME	BCCL
512	2111	Sampling & Analysis/Gradiation of Rejects.	Prof. S. Bhattacharya	FME	BCCL
513	2112	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Simla Bahal.	Prof. D. C. Panigrahi	ME	BCCL
514	2113	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Mekon International.	Prof. D. C. Panigrahi	ME	MIL
515	2114	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Parbelia Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
516	2115	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Godhar Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
517	2116	Study of Illegal Mines in CIL Subsidiaries (ECL, BCCL, CCL).	Dr. Biswajit Paul	ESE	CIL
518	2117	Study to Evaluate the Schemes of Science and Technology Program of Ministry of Mines.	Prof. U. K. Singh	ME	MoM
519	2118	Size Analysis Using Cyclosizer.	Mr. Anand Anupam	FME	CDE

Total value of the projects received during the Financial Year 2012-13:

INR 562.09 Lakhs

C. Professional Development Programmes (PDP) Executed during Financial Year 2012-13:

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks
1	1749 2/4/12 to 5/4/12	Advanced Algorithms and their Applications	Prof. P. K. Jana Dept of CSE	10	4 days
2	1757 7/5/12 to 12/5/12	Rajiv Gandhi Institute of Petroleum Technology Practical Training Program in Petroleum Engg.	Prof. A. K. Pathak Dept of PE	39	1 week
3	1873 10/5/12 to 12/5/12	Trackless Mining Equipment Loaders and Transporters used in Underground Mines.	Prof. K. Dasgupta Dept of ME&MME	10	3 days
4	1780 7/5/12 to 16/6/12	Intensive course on Advances in Mine surveying Technology.	Prof. P. P. Bahuguna Dept of ME	21	6 weeks
5	1797 18/5/12 to 28/5/12	Off-campus on social & Environmental Issues in the Mining Sector in Afghanistan	Prof. Gurdeep Singh Dept of ESE	12	2 weeks
6	1862 21/5/12 to 23/6/12	Intensive Training Programme for Management Trainees of E & M and Excavation disciplines Coal India Ltd.	Prof. A. K. Mukhopadhyay Dept of ME&MME	25	5 weeks
7	1927 18/6/12 to 22/6/12	"Project Management and Its Application in Coal Mining Industry" SECL Executive.	Prof. Kampan Mukherjee Dept of MS	11	1 week
8	1811 28/6/12 to 6/7/12	Theoretical Training Programme for the Students of UPES Dehradun on Drilling System Design & Directional Drilling and Coal Bed Methane and Gas Hydrates.	Prof. A. K. Pathak Dept of PE	8	2 weeks

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks
9	1909 25/6/12 to 27/7/12	Management Trainees Excavation Cadre from Coal India Ltd.	Prof. A. K. Mukhopadhyay Dept of ME&MME	31	5 weeks
10	1843 9/7/12 to 4/8/12	Training Programme on EIA Auditing for NMDC Executives from M/s NMDC, Hyderabad.	Dr. Dheeraj Kumar Dept of ME	29	4 weeks
11	1954 30/7/12 to 31/8/12	Intensive Training Programme for management Trainees of E & M Cadre from CIL	Prof. A.K. Mukhopadhyay Dept of ME&MME	29	5 weeks
12	1891 27/8/12 to 31/8/12	Reservoir Engineering for Executives of Oil India Ltd.	Dr. Ajay Mandal Dept of PE	18	1 week
13	1984 3/9/12 to 5/10/12	Intensive Training Programme for Management Trainers from CIL	Prof. A. K. Mukhopadhyay Dept of ME&MME	31	5 weeks
14	1963 10/9/12 to 14/9/12	Overall Project Planning for NHPC Executives	Prof. Chandan Bhar Dept of MS	12	1 week
15	1838 7/9/12 to 9/9/12	Off campus course on EIA / Audition for NMDC Executives at Hyderabad	Prof. Gurdeep Singh Dept of ESE	27	3 days
16	1910 17/9/12 to 13/10/12	Advanced Training on Mining Operations for HZL, Young Underground Mining Engineering	Dr. Dheeraj Kumar Dept of ME	31	4 weeks
17	1985 17/9/12 to 13/10/12	Practical Mine Surveying for Mine Surveyors and Apprentice in Mine Surveying	Prof. P. P. Bahuguna Dept of ME	11	4 weeks
18	1925 1/10/12 to 12/10/12	"A Primer on Geostatistics for Atomic Minerals Directorate for Exploration and Reserarch Hyderabad	Prof. B. C. Sarkar Dept of AGL	10	2 weeks

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks
19	1970 7/11/12 to 9/11/12	Junior & Middle level Executives of DWSD Ranchi Water & Waste Water Treatment & Management	Dr. S. K. Gupta Dept of ESE	14	3 days
20	1926 12/11/12 to 23/11/12	Drills & Driling Mineral Resources	Prof. A. K. Mukhopadhyay Dept of ME&MME	10	2 weeks
21	2037 29/10/12 to 30/11/12	Intensive Training Program for Management Trainees of E & M Cadre from CIL	Prof. A. K. Mukhopadhyaya Dept of ME&MME	28	5 weeks
22	1971 26/11/12 to 7/12/12	Mine Legislation and Related Issues (AMD Course)	Prof. M. Jawed Dept of ME	10	2 weeks
23	1972 10/12/12 to 12/12/12	Evaluation of Water Resources and Its management	Dr. P. K. Singh Dept of ESE	20	3 days
24	1983 17/12/12 to 21/12/12	Power Hydraulics in HEMM	Prof. K. Dasgupta Dept of ME&MME	24	1 week
25	2155 17/12/12 to 18/1/13	Inensive Training Programme for management Trainees for CIL	Prof. A. K. Mukhopadhyaya Dept of ME& MME	35	5 weeks
26	2120 14/1/13 to 18/1/13	Overall Project Planning for NHPC Executives	Prof. Chandan Bhar Dept of MS	8	5 days
27	2105 14/1/13 to 17/1/13	Drilling & Blasting Technology	Prof. V. M. S. R. Murthy Dept of ME	9	4 days
28	2060 25/1/13 to 31/1/13	Rock Engineering for Tunnelling for DRDO Executives.	Prof. V.M.S.R. Murthy Dept of ME	15	2 weeks
29	2156 21/1/13 to 22/2/13	5 weeks Intensive Trining Programme for management Trainees (E&M Cadre) from CIL	Prof. A. K. Mukhopadhyaya Dept of ME&MME	25	5 weeks

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks
30	2157 21/1/13 to 22/2/13	5 weeks Intensive Training Programme for management Trainees (Excavation Cadre) from CIL	Prof. K. Dasgupta Dept of ME&MME	29	5 weeks
31	2064 21/2/13 to 23/2/13	Wireless communication and Environment Monitoring in Underground Mines - Possibilities and Implementation.	Dr. Tanmoy Maity Dept of EE	14	5 days
32	2078 1/3/13 to 2/3/13	Off-Campus Trg. Programme on EIA & Auditing for GMDC Executives at Ahmedabad.	Prof. Gurdeep Singh Dept of ESE	26	2 days
33	2106 18/3/13 to 21/3/13	Importance of Survey & Investigation in Hydropower Projects for NHPC.	Prof. V. M.S.R. Murthy Dept of ME	5	4 days
34	2177 4/3/13 to 6/4/13	5 weeks Intensive Training Programme for management Trainees (E&M Cadre) from CIL	Prof. A. K. Mukhopadhyaya Dept of ME&MME	33	5 weeks
35	2178 4/3/13 to 6/4/13	5 weeks Intensive Training Programme for management Trainees (Excavation Cadre) from CIL	Prof. K. Dasgupta Dept of ME&MME	23	5 weeks
36	DST/05/MATH 28/5/12 to 6/6/12	Undergraduate Training Programme in Linear Algebra and Analysis-2012 under Mathematical Sciences Programme of SERC	Dr. S. P. Tiwari Dept of AM	34	1 week
37	DST/06/MS 4/3/13 to 8/3/13	Entrepreneurship Awareness and Development.	Dr. Niladri Das Dept of MS	17	5 days
38	DST/07/MS 21/1/13 to 25/1/13	Research Methodology and Data Analysis for Scientists and Technologist	Dr. Sandeep Mondal Dept of MS	23	5 days

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks
39	DST/08/MS 11/2/13 to 15/2/13	Management of R & D Projects for Scientists and Technologists working in Government Sector	Prof. Kampan Mukherjee Dept of MS	17	5 days

Total value of the PDP executed during the Financial Year 2012-13:

INR 364.30 Lakhs

D. Summary:

Total value of the projects carried forward from the Previous Financial Years	INR 540.10 Lakhs
Total value of the projects received during the Financial Year 2012-13	INR 562.09 Lakhs
Total value of the PDP executed during the Financial Year 2012-13	INR 364.30 Lakhs
Total Value of the Projects carried out during the Financial Year 2012-2013	INR 1466.49 Lakhs

Abbreviations of the Department:

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

Abbreviations of the Sponsoring Organizations:

AA : Aditya Aluminium, Sambalpur
ACL : Auroma Coke Ltd., Dhanbad
AEPL : Airef Engineers (P) Ltd., Gurgaon
ATPS : Anpara Thermal Power Station Sonebhadra
BAL : Balasore Alloys Ltd., Orissa
BCCL : Bharat Coking Coal Limited, Dhanbad
BHCE : Basantimata Hard Coke Enterprises, Dhanbad
BIT : BIT Mesra Ranchi
BKE : B. K. Enterprises, Dhanbad
BSL : Blue Star Ltd., Mumbai
CCL : Central Coalfield Limited, Ranchi
CDE : CDE Asia Ltd.
CGWB : Central Ground Water Board, Patna
CIMFR : Central Institute of Mining & Fuel Research, Dhanbad
CIL : Coal India Ltd., Kolkata
CMRP : Chennai Metro Rail Project
CMSPL : Calcutta Mining Sealants Pvt. Ltd., Burdwan

DCL : Dalmia Cement(Bharat) Ltd., Chennai
 DDIL : Dharti Dredging & Infrastructure Ltd., Vishakhapatnam
 DGMS : Directorate General of Mines Safety, Dhanbad
 DTTIPL : Deloitte Touche Tohmatsu India (P) Ltd., Secunderabad.
 DWS : DWS Division, Hazaribagh
 DVC : Damodar Valley Corporation
 ECL : Eastern Coalfield Limited, Sanctoria
 EIMCOEL : EIMCO Elecon Ltd., Vidyanagar
 EOL : Essar Oil Ltd., Durgapur
 ESCL : Electrosteel Castings Ltd., Kolkata
 ESL : Electrosteel Ltd., Kolkata
 FACOR : Facor, Bhadrak.
 FCIAGMIL : FCI Aravali Gypsum and Minerals India Ltd. Jodhpur.
 FNGPL : Fagro Nexterra Geophysics Pvt. Ltd., Kolkata
 GMDC : Gujarat Mineral Development Corporation, Ahmedabad
 GOCL : Gulf Oil Corporation Ltd., Dhanbad
 GSI : GSI, Kolkata
 GW : Godrej Waterside, Kolkata
 HGMCL : Hutti Gold Mines Co. Ltd., Raichur
 HZL : Hindustan Zinc Ltd.
 IPL : Indu Projects Ltd. Hyderabad
 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
 KCSC : K.C. Sharma & Co., Dhanbad
 KDA : Karuna Devi Agarwala, Giridih
 KI : Kaphila Industries, Dhanbad
 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
 MILK : Muva Industries Ltd., Ranchi
 MM : Ministry of Mines, Govt of Islamic Republic of Afghanistan
 MNDCPL : MN Dastur & CO (P) Ltd., Kolkata
 MOEF : Ministry of Environment & Forests

MOIL	: MOIL Ltd., Nagpur
MoM	: Govt. of India Ministry of Mines, New Delhi.
MSRT	: Ministry of Shipping Road Transport, Andaman
NDMCPL	: North Dhadhu Mining Company Private Ltd., Kolkata
NECL	: North Eastern Coalfields Ltd., Assam
NSPL	: Nalwa Steel and Power Ltd., Raigarh
NTPC	: National Thermal Power Corporation
NCL	: Northern Coalfield Limited
OSPB	: Orissa State Pollution Board, Orissa
PUIPL	: Pre-Stressed Udyog (Ind.) Pvt. Ltd.
PVRIBPL	: PVR Inshield Bituminous Pvt. Ltd.
PWC	: PWC, Hyderabad
RCL	: Rodic Contents Ltd., Ranchi
RSS	: Rik Sales & Services, Asansol
SAFL	: Sri Aurobindo Fuels Ltd., Dhanbad
SAI	: Satguru Agro Industries, Mumbai
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
SSGL	: Sesa Goa Ltd., Chitradurga
SSSEPL	: Swati Safe Secure Equipments. Pvt. Ltd., Mumbai
SU	: Shanti Udyog, Dhanbad
TIPL	: Tega Industries Pvt. Ltd.
TSL	: Tata Steel Ltd.
UCIL	: Uranium Corporation of India Limited
VL	: Voltas Ltd.
VPT	: Visakhapatnam Port Trust
WBMDTCL	: West Bengal Mineral Development & Trading Corporation Ltd.
WCL	: Western Coalfield Limited
XT	: Xstra Technology, Australia

