

## PROJECTS EXECUTED DURING FINANCIAL YEAR 2013-14

### 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 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

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
13	0267	Preparation of Regional Environmental management Plan for Angul-Talcher-Meramundali area of Orissa.	Prof. Gurdeep Singh	ESE	OSPB
14	0293	Modification of Jig Design	Prof. A. K. Basu	ME&MME	ACL
15	0301	Design of vibrating screans	Prof. A. K. Basu	ME&MME	ACL
16	0308	Design of Coal Washing Jig	Prof. A. K. Basu	ME&MME	ACL
17	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
18	0339	Preparation of Mine Plan for TASRA, SAIL, OCP for clearance from ministry of Coal as RQP.	Dr. B. Paul	ESE	SAIL
19	0415	Advice on Preparation of Coal-Mine Plan As RQP, To CMRI, Dhanbad	Dr. B. Paul	ESE	CMRI
20	0433	Modeling of 5 inch stub cyclone treating Iron Ore Fines.	Prof. N. Suresh	FME	TIPL
21	0469	Feasibility Study for Mineral Processing Plant & Equipment	Prof. A. K. Basu	ME&MME	ACL
22	0476	Insitu test of Toe-wall side of Katri River near Ramkanali Colliery,	Shri P. K. Behera	ME	BCCL
23	0562	Determination of crossing point and ignition point temperature of Coal samples alongwith their noisture content for assessing the spontaneous neating tendency of coal of Alkusa Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
24	0575	Hydrological & Water quality studies for Panandhro, Umarsar, Akrajota mining area of GMDC.	Dr. P. K. Singh	ESE	GMDC
25	0568	Consultancy work for environmental clearance /EMP of Sand Mining Leases of Tata Steel.	Dr. Biswajit Paul	ESE	TSL
26	0658	Evaluation of performance and behaviour of methanometers of murlidih 20/21 Pits Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
27	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

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28	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
29	0718	Performance Analysis of Rotary Breaker of Bhelatand Coal Washery	Prof S. Bhattacharya	FME	BCCL
30	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
31	0770	Analysis of Coal, Jhama, Rangi Jhama,	Prof. V. K. Saxena	FME	SAIL
32	0777	Mine Air analysis of Kedla U/G Project, CCL Hazaribag.	Dr. M. Yadav	AC	CCL
33	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
34	0783	Analysis and interpretation of mine air samples of Begunia Project, BCCL	Prof. D. C. Panigrahi	ME	BCCL
35	0799	Preparation of Mining Plan for rock materials at Little Andaman, island for Ministry of Shipping.	Dr. B. Paul	ESE	MSRT
36	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
37	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
38	0885	A study of performance and behaviour of gas detectors of Kunusturia area, ECL.	Prof. D. C. Panigrahi	ME	ECL
39	0888	Artificial coding of intake air for improving the workplace invironment in 9 seam working of Digwadih Colliery, Tata Steel Ltd.	Prof. D. C. Panigrahi	ME	TSL
40	0898	Evaluation of performance and behaviour of gas detectors of Murlidih 20/21 pits colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
41	0922	Mine Air Analysis of Karo Special Project Ph-II, CCL. Bokaro Thermal Bokaro.	Dr. M. Yadav	ME	CCL
42	0925	Rehabilitation of Jharia - Mine Survey in the area of Fire Zone area of Jharia Coalfields	Prof. Gurdeep Singh	ESE	JRD

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43	0962	Building Institutional Capacity for Sustainable Environment and Social Management in Mining Sector in Afghanistan	Prof. Gurdeep Singh	ESE	MM
44	965	Evaluation of performance and behaviour of gas detectors of Bararee and Busserly Collieries, BCCL	Prof. D. C. Panigrahi	ME	BCCL
45	0969	Evaluation of performance and behaviour of gas detectors of Sudamdih Incline Mine, E.J. Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
46	0975	Documentation of the Thematic Cluster of Mining As per CSD Guidelines.	Prof. Gurdeep Singh	ESE	MOEF
47	1011	Stack Monitoring of Coke plant.	Prof. Gurdeep Singh	ESE	SAFL
48	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
49	1034	Evaluation of Performance and behaviour of gas detectors of Madhuban Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
50	1039	Investigation into the determination of incubation period of R-V Seam of Jhanjra Projects, ECL	Prof. D. C. Panigrahi	ME	ECL
51	1046	Analysis and Interpretation of Mine Air Samples of Hamirpur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
52	1051	Testing of Drinking water sample from Bhuli Treatment Plant, BCCL	Prof. Gurdeep Singh	ESE	BCCL
53	1061	Evaluation of performance and behaviour of gas detectors of Amlabad Project, BCCL	Prof. D. C. Panigrahi	ME	BCCL
54	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
55	1077	Evaluation of performance and behaviour of gas detectors of East Basseria Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
56	1086	Evaluation of performance and behaviour of gas detectors of Kuja Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
57	1098	Testing of water, soil and air noise samples in roadside along NH23 and NH22	Prof. G. Singh	ESE	RCL

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58	1104	Evaluation of performance and behaviour of gas detectors	Prof. D. C. Panigrahi	ME	BCCL
59	1117	Study on use of fly ash for manufacture of polypropylene composit for various products.	Prof. A. Sarkar	AC	NTPC
60	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
61	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
62	1141	Evaluation of Performance and behaviour of Gas detectors of Dubeswari Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
63	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
64	1164	Evaluation of performance and Behaviours of Gas detectors of Rampur Sub Area MCL	Prof. D. C. Panigrahi	ME	MCL
65	1235	Monitoring of Environmental Parameters in respect of Air, Noise, Water & Stocle Unit 7 & 8 of CTPS Chandrapura	Dr. S. K. Gupta	ESE	DVC
66	1245	Scientific study to design the construction of dam in the U/G Mine	Shri P. K. Behera	ME	BCCL
67	1253	Evaluation of Performance and Behavior of gas detectors of Bastacola Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
68	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
69	1279	Evaluation of Performance and Behavior of gas detectors of Kuju Colliery, CCL	Prof. D. C. Panigrahi	ME	ECL
70	1280	Evaluation of Performance and Behavior of gas detectors of Moonidih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
71	1284	Evaluation of Performance and Behavior of gas detectors of Barmonditia (A) Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL

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72	1285	Study for compliance of forestry clearance conditions in respect of Ghanudih and Bera Projects of Bastacola BCCL	Prof. Gurdeep Singh	ME	BCCL
73	1299	Testing of water samples of 12.00 RHS Shankardih and 57.250 LHS Pabia Camp.	Prof. Gurdeep Singh	ESE	SEL-GKC
74	1304	Evaluation of Performance and Behavior of gas detectors submitted by M/s B K Enterprizes, Dhanbad	Prof. D. C. Panigrahi	ME	BKE
75	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
76	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
77	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
78	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
79	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
80	1330	Evaluation of Performance and Behaviours of gas detectors of Kankanee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
81	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
82	1333	Preparation of pre-feasibility from I Report for Coal washery of Kaphila Industries	Prof. Gurdeep Singh	ESE	KI
83	1345	Report on air pressure on 16/2/2011 of Basantimata Hard Coke Enterprizes	Prof. Gurdeep Singh	ESE	BHCE
84	1379	Geo-Technical Investigation and Design of Slopes for RTEI-Bunder Diamond Project	Prof. P. Sen	ME	MNDCPL
85	1384	Evaluation of Performance and Behaviours of gas detectors of Godhar Colliery	Prof. D.C. Panigrahi	ME	BCCL

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86	1394	Evaluation of Performance and Behaviours of gas detectors of Katras Area	Prof. D.C. Panigrahi	ME	BCCL
87	1418	Determination of Compressive Strength and Anchorage Strength of Cement Capsules.	Shri P K Behra	ME	BCCL
88	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
89	1443	Evaluation of Performance and Behaviours of gas detectors of Jamadova Group.	Prof. D C Panigrahi	ME	TSL
90	1454	Mines and Mineral Development Project (Coal Sector) for Govt. of Bangladesh Providing Consultancy Services to PWC, Hyderabad.	Prof. D C Panigrahi	ME	PWC
91	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	PWC
92	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	PWC
93	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	PWC
94	1462	Pre Feasibility Report of Kenduadih Coal Block, BCCL Ltd.	Dr. Biswajit Paul	ESE	DCL
95	1467	Determination of Compressive and Anchorage Strength of quick Setting Cement Capsules of ECL	Shri P.K. Behera	ME	ECL
96	1478	Evaluation of Performance and Behaviour of gas detectors	Prof. D.C. Panigrahi	ME	BCCL
97	1483	Pressure-Quantity Survey of Argada Colliery	Prof. D.C. Panigrahi	ME	CCL
98	1484	Pressure-Quantity Survey of Roy Bachra Colliery	Prof. D. C. Panigrahi	ME	CCL
99	1485	Pressure-Quantity Survey of Roy Bachra Colliery	Prof. D. C. Panigrahi	ME	CCL

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100	1486	Pressure-Quantity Survey of Roy Bachra Colliery	Prof. D. C. Panigrahi	ME	CCL
101	1488	Evaluation of Performance and Behaviour of gas detectors of Dobari Colliery	Prof D. C. Panigrahi	ME	BCCL
102	1489	Evaluation of Performance and Behaviour of gas detectors of Kuya Colliery	Prof D. C. Panigrahi	ME	BCCL
103	1497	Evaluation of Performance and Behaviour of gas detectors of Pathekhera Colliery	Prof. D. C. Panigrahi	ME	WCL
104	1504	Determination of Compressive and Anchorage Strength of quick setting cement capsule of Bera Colliery	Shri P. K. Behera	ME	BCCL
105	1512(A)	Determination Stability in XIII Seam working below D. C. Railway line at Phularitand Colliery	Prof. U. K. Singh	ME	BCCL
106	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
107	1516	Preparation of Environmental Statement Report of Bermo Mines, DVC	Dr. P K Singh	ESE	DVC
108	1524	Evaluation of Performance and Behaviour of gas detectors	Prof. D C Panigrahi	ME	BCCL
109	1525	Evaluation of Performance and Behaviour of gas detectors	Prof. D C Panigrahi	ME	BCCL
110	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
111	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
112	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
113	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

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114	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
115	1536	Analysis and Interpretation of Air Samples of Chasnalla Colliery ISP, SAIL.	Prof. D C Panigrahi	ME	GOCL
116	1565	Evaluation of Performance and Behaviour of gas detectors of Rampur Sub Area.	Prof. D C Panigrahi	ME	MCL
117	1567	Evaluation of Performance and Behaviour of gas detectors of Lohapati Colliery.	Prof. D C Panigrahi	ME	BCCL
118	1568	Evaluation of Performance and Behaviour of gas detectors Putkee Colliery BCCL.	Prof. D C Panigrahi	ME	BCCL
119	1570	Evaluation of Performance and Behaviour of gas detectors and Anemometers of Basantimata Colliery BCCL.	Prof. D C Panigrahi	ME	BCCL
120	1573	Analysis and Interpretation of Air Samples of Mandaman Colliery, ECL	Prof. D C Panigrahi	ME	ECL
121	1574	Evaluation of Performance and Behaviour of gas detectors Amalagamated Kheshapur West Mudidih Colliery BCCL.	Prof. D C Panigrahi	ME	BCCL
122	1575	Evaluation of Performance and Behaviour of gas detectors of Topa Colliery	Prof. D C Panigrahi	ME	CCL
123	1584	Computational Fluid dynamics Modeling Studies for the design of Fan drift of Mulupara U/G Mines.	Prof. D.C. Panigrahi	ME	MIEL
124	1587	Evaluation of Performance and Behavior of gas detectors and Anemometers of Chandrapur Area, WCL	Prof. D.C. Panigrahi	ME	WCL
125	1604	Evaluation of Performance and Behaviour of Gas Detectors of Katras, Chautidih Colliery	Prof. D C Panigrahi	ME	BCCL
126	1605	Evaluation of Performance and Behaviour of gas Detectors and Analysis of Air Samples of Amalagamated Angarapathara Colliery.	Prof. D C Panigrahi	ME	BCCL
127	1623	Evaluation of Performance and Behavior of gas detectors of Orient Mine No. 4, MCL	Prof. D. C. Panigrahi	ME	MCL
128	1627	Determination of Some Physical and Chemical Properties of quick Setting Cement Capsules of Phularitand Colliery	Prof. D. C. Panigrahi	ME	BCCL

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129	1632	Mines and Mineral Development Project (Coal Sector) for Govt. of Bangladesh – Providing Consultancy services	Prof. D. C. Panigrahi	ME	PWC
130	1633	Mines and Mineral Development Project (Coal Sector) for Govt. of Bangladesh – Providing Consultancy services	Prof. S. B. Srivastava	ME	PWC
131	1634	Mines and Mineral Development Project (Coal Sector) for Govt. of Bangladesh – Providing Consultancy services to PWC Huderabad Unit (Phase – III & IV)	Prof. D. C. Panigrahi	ME	PWC
132	1635	Mines and Mineral Development Project (Coal Sector) for Govt. of Bangladesh – Providing Consultancy services to PWC Huderabad Unit (Phase – III & IV)	Prof. S. Choudhary	ME	PWC
133	1647	Socio-Economic Survey of Fire and Land Subsidence Affected Areas of Jharia Coalfield.	Prof. Chandan Bhar	MS	BCCL
134	1649	Evaluation of Performance and Behaviour of gas detectors of MRS, Ramgarh.	Prof. D C Panigrahi	ME	CCL
135	1650	Evaluation of Performance and Behaviour of Ventilation Measuring Instruments of Talcher, Colliery.	Prof. D C Panigrahi	ME	MCL
136	1651	Mines and Mineral Development Project (Coal Sector) for Govt. of Bangladesh Providing Consultancy Services to PWC, Hyderabad Unit Phase-V	Prof. S. Chaudhari	ME	PWC
137	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
138	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
139	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
140	1662	Analysis and Interpretation of Mine air samples of Karo Special Project, CCL	Prof. D C Panigrahi	ME	CCL
141	1663	Evaluation of performance and behaviours of gas detectors of Moonidih Colliery, BCCL	Prof. D C Panigrahi	ME	BCCL
142	1673	Analysis and Interpretation of Mine air Samples	Prof. D. C. Panigrahi	ME	CIMFR

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143	1678	Analysis and Interpretation of air samples of shampur B Colliery	Prof. D. C. Panigrahi	ME	ECL
144	1680	Evaluation of performance and behavior of gas detectors of Dhansar Colliery	Prof. D C Panigrahi	ME	BCCL
145	1684	Conducting one day training programme (Off Campus)	Dr.S. Chattopadhyaya	ME&MME	BCCL
146	1690	Evaluation of performance and Behaviour of gas detectors Lakhaiamata Colliery	Prof. D. C. Panigrahi	ME	ECL
147	1695	Evaluation of Performance and Behavior of gas detectors of Bararee Colliery	Prof. D. C. Panigrahi	ME	BCCL
148	1697	Evaluation of Performance and Behavior of gas detectors of Dabor Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
149	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
150	1703	Off-campus course on Mechatronics at BIT Mesra	Dr. S. Chattopadhyaya	ME&MME	BIT
151	1705	Evaluation of Performance and Behavior of gas detectors of Chasnalla Colliery, ISP	Prof. D. C. Panigrahi	ME	SAIL
152	1711	Sustainable Mine Planning for Iron Ore Mining in Megalahalli & R & R Plan	Dr. Biswajit Paul	ESE	SSGL
153	1722	Evaluation of performance and Behaviour of gas detectors of Chinkuri Mine-III, ECL	Prof. D. C. Panigrahi	ME	ECL
154	1723	Evaluation of performance and Behaviour of Phularitand Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
155	1727	Analysis and interpretation of Mine air sample of Lakhimata Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
156	1729	Analysis and Interpretation of Mine air Samples of Hariazam Colliery	Prof. D. C. Panigrahi	ME	ECL
157	1730	Evaluation of performance and Behaviour of gas detectors, Anemometers and Analysis of air samples	Prof. D. C. Panigrahi	ME	JNIL

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158	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
159	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
160	1734	Analysis and Interpretation of air samples of Kunustoria Area ECL.	Prof. D. C. Panigrahi	ME	ECL
161	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
162	1736	Evaluation of performance and Behaviour of gas detectors Kenda Area, ECL	Prof. D. C. Panigrahi	ME	ECL
163	1737	Evaluation of performance and Behaviour of gas detectors Pench Area, WCL	Prof. D. C. Panigrahi	ME	WCL
164	1741	Analysis and Interpretation of air samples of swati safe services Pvt. Ltd.	Prof. D. C. Panigrahi	ME	SSSEPL
165	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
166	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
167	1745	Testing of Bricks Supplied by BCCL	Shri P.K. Behera	ME	BCCL
168	1746	Evaluation of performance and behavior of gas detectors Hariajam Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
169	1747	Evaluation of performance and behavior of gas detectors Bejdih Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
170	1752	Solid Waste Management Plan & Activity	Prof. S. K. Maiti	ESE	NSPL
171	1753	Analysis and Interpretation of Mine air Samples of Badjna 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
172	1754	Evaluation of Performance and Behaviour of gas detectors Chhatrapur Colliery WCL	Prof. D. C. Panigrahi	ME	WCL
173	1755	Evaluation of Performance and Behaviour of gas detectors Baikunthapur Area SECL	Prof. D. C. Panigrahi	ME	SECL
174	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
175	1767	Evaluation of Performance and Behavior of gas detectors of Khottadih Colliery	Prof. D. C. Panigrahi	ME	ECL
176	1768	Analysis and Interpretation of Mine air Samples of Kumardhubi Colliery	Prof. D.C. Panigrahi	ME	ECL
177	1769	Determination of Incubation Period of Seam II and III of Milupara Coal Mines	Prof. D.C. Panigrahi	ME	MIEL
178	1779	Evaluation of Performance and Behaviour of gas detectors of Hirakhand Bundia Mine MCL	Prof. D. C. Panigrahi	ME	MCL
179	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
180	1790	Evaluation of performance and Behaviour of gas detectors of MRS Ramgarh	Prof. D. C. Panigrahi	ME	CCL
181	1791	Evaluation of performance and Behaviour of gas detectors of Tetulmari Colliery	Prof. D. C. Panigrahi	ME	BCCL
182	1792	Evaluation of performance and Behaviour of gas detectors of Sirka Group	Prof. D. C. Panigrahi	ME	CCL
183	1794	Determination of Cerchar Hardness Index and Cerchar Abrasivity Index of Some rock Samples,.	Prof. VMSR Murthy	ME	CIMFR
184	1795	Determination of Cerchar Hardness Index and Cerchar Abrasibility Index of Some rock Samples.	Prof. VMSR Murthy	ME	CIMFR
185	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
186	1803	Gravity Survey for Chromite Deposit in Loase Area	Prof. Shalivahan	AGP	BAL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
187	1806	Evaluation of Performance and Behavior of gas detectors of Ramnagar Sub Area SECL	Prof. D. C. Panigrahi	ME	SECL
188	1810	Evaluation of Performance and Behavior of gas detectors of Ghusick (R) Colliery	Prof. D. C. Panigrahi	ME	ECL
189	1814	Evaluation of Performance and Behavior of gas detectors of Halibari UG Project	Prof. D. C. Panigrahi	ME	SECL
190	1815	Rapid EIA/EMP for Dungri-Petia Sand Leases, Tata Steel	Dr. Biswajit Paul	ESE	TSL
191	1816	Rapid EIA/EMP for Tetangabad Sand Leases, Tata Steel	Dr. Biswajit Paul	ESE	TSL
192	1817	Monitoring of Environmental Parameters in respect of Ambient air, Stack Monitoring Noise Level & Effluent of DVC, BTPS 'B'	Dr. Alok Sinha	ESE	DVC
193	1822	Evaluation of Performance and Behaviors of gas detectors of Bhelatand A Colliery	Prof. D. C. Panigrahi	ME	TSL
194	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
195	1830	Sieve Sizing of five Iron Ore Samples supplied by CDE Asia	Prof. N. Suresh	FME	CDE
196	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
197	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
198	1834	Field Investigations Modeling and Simulation Studies for designing ventilation systems of UCIL Mines	Prof. D. C. Panigrahi	ME	UCIL
199	1839	Analysis of Coal Samples	Prof. V. K. Saxena	FME	CIMFR
200	1845	Evaluation of performance and behavior of gas detectors of Many Enterprises, Dhanbad	Prof. D.C. Panigrahi	ME	ME
201	1848	Evaluation of performance and behavior of gas detectors of Mudidih 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
202	1849	Evaluation of performance and behavior of gas detectors of Gourandih-Begunia Colliery, ECL	Prof. D.C. Panigrahi	ME	ECL
203	1854	Evaluation of Performance and Behavior of gas detectors of Pathakhera Colliery	Prof. D. C. Panigrahi	ME	WCL
204	1855	Evaluation of Performance and Behavior of gas detectors of Sobhapur Colliery WCL	Prof. D. C. Panigrahi	ME	WCL
205	1856	Evaluation of Performance and Behavior of gas detectors of Mine No.1 & 2, Orient Colliery MCL	Prof. D. C. Panigrahi	ME	MCL
206	1857	Evaluation of Performance and Behavior of gas detectors of Shyampur Colliery B, ECL	Prof. D. C. Panigrahi	ME	ECL
207	1858	Evaluation of Performance and Behavior of gas detectors of Alkusa Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
208	1860	Evaluation of Performance and Behavior of gas detectors of Sudamdih Incline Mine, BCCL	Prof. D. C. Panigrahi	ME	BCCL
209	1861	Evaluation of Performance and Behavior of gas detectors of Kapildhara Mine, SECL	Prof. D. C. Panigrahi	ME	SECL
210	1863	Evaluation of Performance and Behavior of gas detectors of Jitpur Colliery ISP-SAIL	Prof. D. C. Panigrahi	ME	SAIL
211	1865	Evaluation of Performance and Behavior of gas detectors of Roy Bachra Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
212	1867	Evaluation of Performance and Behavior of gas detectors of Kankanee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
213	1868	Evaluation of Performance and Behavior of gas detectors and other Safety instruments of Salanpur Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
214	1869	Evaluation of Performance and Behavior of gas detectors of Busserya Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
215	1871	Evaluation of Performance and Behavior of gas detectors of gas SCSRS of Moonidih Colliery	Prof. D. C. Panigrahi	ME	BCCL
216	1872	Evaluation of Performance and Behavior of gas Begunia Project BCCL	Prof. D. C. Panigrahi	ME	BCCL
217	1875	Analysis of CHN Parameters of Coal Samples.	Prof. V. K. Saxena	FME	SGSIPL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
218	1877	Analysis and Interpretation of Mine air Samples of Bhelatand A Colliery Tata Steel Ltd.	Prof. D. C. Panigrahi	ME	TSL
219	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
220	1880	Evaluation of Performance and Behavior of gas detectors of Kumardhubi Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
221	1881	Evaluation of Performance and Behavior of SCSRS of Murulidih Colliery.	Prof. D.C. Panigrahi	ME	BCCL
222	1882	Evaluation of Performance and Behavior of gas detector of Khoodia Colliery.	Prof. D.C. Panigrahi	ME	ECL
223	1884	Evaluation of Performance and Behavior of gas detectors of Rik Sales and Services	Prof. D.C. Panigrahi	ME	RSS
224	1885	Evaluation of Performance and Behavior of gas detector of Chapapur Colliery.	Prof. D.C. Panigrahi	ME	ECL
225	1888	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kanhan Area WCL.	Prof. D.C. Panigrahi	ME	WCL
226	1889	Functional Ability test of Self Rescuers of Katras Area BCCL.	Prof. D.C. Panigrahi	ME	BCCL
227	1890	Geophysical Exploration for Mapping Traps in Suri, West Bengal	Dr. U.K.Singh	ME	WBMDTCL
228	1894	Evaluation of Performance and Behavior of gas detectors of Bastacola Colliery	Prof. D. C. Panigrahi	ME	BCCL
229	1895	Analysis of CHN Parameters of Coal Samples.	Prof. V. K. Saxena	FME	SGSIPL
230	1896	Analysis of CHN Parameters of Coal Samples	Prof. V. K. Saxena	FME	SGSIPL
231	1897	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Sarni Mine Pathakhera Area WCL	Prof. D. C. Panigrahi	ME	WCL
232	1898	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Patmohana Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
233	1899	Determination of Cerchar hardness Index and Cerchar Abrasivity Index of Some rock samples.	Prof. VMSR Murthy	ME	CIMFR

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
234	1900	Determination of Cerchar Hardness and Abrasivity Index of some rock samples.	Prof. VMSR Murthy	ME	CIMFR
235	1902	Determination of Cerchar Hardness and Abrasivity Index of some rock samples.	Prof. VMSR Murthy	ME	CIMFR
236	1903	Ore characterization of low grade Iron Ores, BHI and Laterite Per location basis Part - I	Prof. AS Venkatesh	AGL	SGSIPL
237	1904	Characterisation, Benefication and Development of the flowsheet for 3 Iron Ore Samples Part- II	Prof. N. Suresh	FME	SGSIPL
238	1907	Evaluation of Performance and Behavior of SCSRS of Sudamdih shaft Mine EJ Area BCCL	Prof. D. C. Panigrahi	ME	BCCL
239	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
240	1911	Analysis of Coal Sample of Washed Coal (Power) of Mahuda Coal Washery	Prof. V.K.Saxena	FME	BCCL
241	1913	Evaluation of Performance and Behavior of gas detectors of Simlabahal Colliery	Prof. D. C. Panigrahi	ME	BCCL
242	1914	Evaluation of Performance and Behavior of gas detectors of Bhawra (s) Colliery	Prof. D. C. Panigrahi	ME	BCCL
243	1916	Sampling and Analysis of Slurry Lying at Sudamdih Coal Washery	Prof. T. Sharma	FME	BCCL
244	1917	Functional Ability test of Self Rescuers of Lodna Area.	Prof. D.C. Panigrahi	ME	BCCL
245	1918	Evaluation of Performance and Behavior of gas detectors of Churi Colliery , CCL	Prof. D. C. Panigrahi	ME	CCL
246	1919	Evaluation of Performance and Behavior of gas detectors of MRS Dhansar BCCL	Prof. D. C. Panigrahi	ME	BCCL
247	1924	Grading of Coal Slurry at Patherdih Washery	Prof. T. Sharma	FME	BCCL
248	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

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
249	1929	Field Investigations, Modeling and design of Ventilation System for Improving the U/G workplace Environment on Short term as Well as long term bases for Balagghal Mine, MOIL Ltd. Part (B)	Prof. D. C. Panigrahi	ME	MOIL
250	1930	Field Investigations, Modeling and design of Ventilation System of Sindesar Khurd Mine HZL (Phase-III)	Prof. D. C. Panigrahi	ME	HZL
251	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
252	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
253	1933	Evaluation of Performance and Behavior of Gas detector of Malga Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
254	1934	Evaluation of Performance and Behavior of gas detectors of Shaft Mine, Sudamdih BCCL	Prof. D.C. Panigrahi	ME	BCCL
255	1935	Evaluation of Performance and Behavior of gas detector and Analysis of Air Samples of Sawang Colliery CCL	Prof. D. C. Panigrahi	ME	CCL
256	1936	Evaluation of Performance and Behavior of gas detectors of Bararee Colliery	Prof. D. C. Panigrahi	ME	BCCL
257	1937	Evaluation of Performance and Behavior of gas detectors Many Enterprise, Dhanbad	Prof. D.C. Panigrahi	ME	ME
258	1938	Evaluation of Performance and Behavior of gas detectors Brijuri Colliery	Prof. D. C. Panigrahi	ME	SECL
259	1939	Evaluation of Performance and Behavior of gas detectors of perbelia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
260	1940	Evaluation of Performance and Behavior of gas detectors of Rajur Incline Colliery WCL	Prof. D. C. Panigrahi	ME	WCL
261	1941	Evaluation of Performance and Behavior of gas detectors of Somna Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
262	1942	Evaluation of Performance and Behaviour of gas detectors of Chinakuri Colliery Mine No.1	Prof. D. C. Panigrahi	ME	ECL

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263	1943	Evaluation of performance and Behaviour of gas detectors of Bhagaband Colliery,	Prof. D. C. Panigrahi	ME	BCCL
264	1944	Functional Ability test of Self contained Self Rescuar of Bhawra Colliery and Moonidih Colliery	Prof. D. C. Panigrahi	ME	BCCL
265	1945	Analysis of CHN Parameters of Coal Samples	Prof. V. K. Saxena	ME	SGSIPL
266	1946	Evaluation of Performance and Behaviour of Mine Safety Instruments of Churi Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
267	1947	Evaluation of Performance and Behaviour of Mnie Safety Instruments of Jhanjra Project Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
268	1948	Evaluation of Performance and Behaviours of Mine Safety Instruments and air Sample Analysis of Jarangdih Colliery	Prof. D. C. Panigrahi	ME	CCL
269	1949	Evaluation of Performance and Behaviour of Mine Safety Instruments of Bagdigi Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
270	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
271	1951	Evaluation of Performance and Behaviours of SCSRS of Begunia Project, BCCL	Prof. D. C. Panigrahi	ME	BCCL
272	1952	Evaluation of Performance and Behaviours of SCSRS of Sudamdih Incline Mine BCCL	Prof. D. C. Panigrahi	ME	BCCL
273	1953	Evaluation of Performance and Behaviours of SCSRS of Bhawrah(N) UG Mine BCCL	Prof. D. C. Panigrahi	ME	BCCL
274	1955	Preparation of Environmental Management Report for DVC Mines.	Dr.B. Paul	ESE	DVC
275	1956.	Evaluation of Performance and Behaviour of Mine Safety Instruments and air samples Analysis of Gopalichuk Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
276	1957	Functional Ability test of Self Rescuers of Alkusa Colliery	Prof.D. C. Panigarahi	ME	BCCL
277	1958	Evaluation of Performance and Behaviour of Mine Safety Instruments of Baheraband 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
278	1959	Determination of degree of gassiness of V/VI Seam of Lodna Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
279	1960	Evaluation of Performance and Behaviour of mine Safety Instruments of P.B. Project Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
280	1961	Evaluation of Performance and Behaviour of Mine Safety Instruments Sodepur @ Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
281	1962	Analysis and Interpretation of Mine air Samples of Anjan Hill Mine, SECL	Prof. D. C. Panigrahi	ME	SECL
282	1964	Functional Ability Test of Self Rescuers of Hurriladih Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
283	1965	Evaluation of Performance and Behaviour of Mine Safety Instruments Hurrilidih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
284	1966	Testing of Integrated Steel Cog of 30t Capacity	Prof. U. K. Singh	ME	SU
285	1967	Evaluation of Performance and Behavior of Mine Safety instruments K.B. Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
286	1968	Analysis of Coal Samples	Prof. V. K. Saxena	FME	CIMFR
287	1969	Reduction Behaviour of Iron Ore by Coal Samples	Prof. T. Sharma	FME	KCSC
288	1973	Evaluation of Performance and behavior of Mine Safety Instruments of Murulidih Colliery	Prof. D. C. Panigrahi	ME	BCCL
289	1974	Evaluation of Performance and behavior of Mine Safety instruments of Bararee Colliery	Prof. D. C. Panigrahi	ME	BCCL
290	1975	Evaluation of Performance and Behavior of Mine Safety Instruments of Lodna Colliery	Prof. D.C. Panigrahi	ME	BCCL
291	1976	Analysis and Interpretation of Mine air Sample of Chapapur Colliery	Prof. D. C. Panigrahi	ME	ECL
292	1977	Functional ability test of Self Rescuers of Godhar Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
293	1978	Analysis and Interpretation of air Samples and Calibration of Safety Instruments of Jarangdih Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL

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294	1979	Evaluation of Performance and Behaviours of SCSRS of Bussereya Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
295	1980	MCQ for Data Entry Operators	Prof. P. Pathak	MS	BCCL
296	1981	Size Analysis of TwoSilica Sand Samples	Prof. Nikkam Suresh	FME	CDE
297	1982	Independent Evaluation and Assessment of Major Central Sector Scheme Promotional Exploration Scheme of Ministry of Coal	Prof. S. Choudhari	ME	MC
298	1986	Evaluation of Performance and Behavior of Mine Safety instruments of MRS Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
299	1987	Evaluation of Performance and Behavior of Mine Safety instruments of Dubeswari Colliery, ECL	Prof. D. C. Panigrahi	ME	CCL
300	1988	Evaluation of Performance and Behavior of Mine Safety instruments of Hasdeo Area, SECL	Prof. D. C. Panigrahi	ME	SECL
301	1989	Off-Campus on Best Blasting practices for improved Productivity in U/G Metal Mines for HZL Executives	Dr. A. K. Mishra	ME	HZL
302	1990	Flotation Workshop 2012	Prof. S. Bhattacharya	FME	XT
303	1991	Functional Ability test of Self Rescuers of Bera Colliery	Prof. D. C. Panigrahi	ME	BCCL
304	1992	Analysis and Interpretation of air Samples of Parbatpur Colliery	Prof. D. C. Panigrahi	ME	ESCL
305	1993	Analysis and Interpretation of air Samples of Khoodia Colliery	Prof. D. C. Panigrahi	ME	ECL
306	1994	Evaluation of Performance and Behavior of gas detectors of Pandavesar Area, ECL	Prof. D. C. Panigrahi	ME	ECL
307	1995	Evaluation of Performance and Behavior of gas detectors of Bagdigi Colliery and Govindpur Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
308	1996	Evaluation of Performance and Behavior of gas detectors and Analysis of air Samples of Sawang Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
309	1997	Evaluation of Performance and Behavior of gas detectors of Kanhan Area WCL	Prof. D. C. Panigrahi	ME	WCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
310	1998	Evaluation of Performance and Behavior of gas detectors of Tawa 1 and Chhtrapur Colliery, WCL	Prof. D. C. Panigrahi	ME	WCL
311	2001	Functional Ability test of Self Rescuers of KB 10/12 Pit Colliery BCCL.	Prof. D. C. Panigrahi	ME	BCCL
312	2002	Evaluation of performance and Behavior of Mine Safety instruments of Mekon International.	Prof. D. C. Panigrahi	ME	MIL
313	2004	Determination of degree of gassiness of SP Bottom Seam of Kumardhubi Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
314	2005	Evaluation of Performance and Behavior of gas detectors and Analysis of air Samples of Gopalichuk Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
315	2006	Evaluation of Performance and Behavior of gas detectors of Tawa Mine II WCL	Prof. D. C. Panigrahi	ME	WCL
316	2007	Evaluation of Performance and Behavior of gas detectors of Joyrampur Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
317	2008	Evaluation of Performance and Behavior of gas detectors of KB 10/12 Pits Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
318	2009	Factional Ability test of Self Rescuers of PB Project Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
319	2010	Evaluation of Performance and Behavior of gas detectors of Burragarh Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
320	2012	Blast design for Safe Blasting and Determination of Safe maximum charge at Gondudih Khas Kusunda Colliery, BCCL	Dr. A. K. Mishra	ME	BCCL
321	2013	Extraction of Potosh from Glauconite	Prof. T. Sharma	FME	FCIAGMIL
322	2014	Size Analysis of Three Iron Ore Samples.	Prof. N. Suresh	FME	CDE
323	2015	Land Subsidence Study at Essar Raniganj CBM Block at Durgapur (RG-(E)-CBM-2011/1 Block.	Prof. Phalguni Sen	ME	EOL
324	2016	Proxiand Ultimate Analysis of Coal Samples.	Prof. N. Suresh	FME	GW
325	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

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
326	2018	Evaluation of Performance and Behavior of gas detectors of Bera Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
327	2019	Analysis and Interpretation of Mine air Samples of Mudidih Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
328	2020	Field Investigations, Modeling and Design of Ventilation System of Kayar Mine HZL Phase - II.	Prof. D. C. Panigrahi	ME	HZL
329	2021	Field Investigations, Modeling and design of Ventilation System to Improve for Rampura Agucha Lead Zinc Mine HZL.	Prof. D. C. Panigrahi	ME	HZL.
330	2022	Grindability Studies of Iron Ore, Limestone, Pyrorinite divine and nut-Coke.	Prof. R. Venugopal	FME	TSL
331	2023	Evaluation of Performance and Behavior of Chandrapur Area WCL.	Prof. D. C. Panigrahi	ME	WCL
332	2024	Evaluation of Performance and Behavior of gas detectors of Rajnagar R.O. Colliery SECL.	Prof. D. C. Panigrahi	ME	SECL
333	2025	Evaluation of Performance and Behavior of gas detectors of Amalgamated Kathalpur WM Colliery. BCCL.	Prof. D. C. Panigrahi	ME	BCCL
334	2026	Evaluation of Performance and Behavior Safety Instruments of Roy-Bachra Colliery, CCL.	Prof. D. C. Panigrahi	ME	CCL
335	2027	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Burragarh Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
336	2028	Evaluation of Performance and Behavior of Ventilation and Safety instruments of Rajur Incline WCL.	Prof. D. C. Panigrahi	ME	WCL
337	2029	Evaluation of Performance and Behavior of Ventilation and safety Instruments of Baikunthapur Area, SECL.	Prof. D. C. Panigrahi	ME	SECL
338	2030	Evaluation of Performance and Behavior of SCSRs of Bhagaband Colliery, BCCL	Prof. D. C. Panigrahi	ME	SECL
339	2031	Analysis and Interpretation of air Samples of Bhagaband Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL.
340	2032	Size Analysis of the Samples Using Cyclosizer.	Prof. N. R. Mandre	FME	CDE
341	2033	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bhawra(W) Colliery.	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
342	2034	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Moonidih Colliery.	Prof. D. C. Panigrahi	ME	BCCL
343	2035	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Haripur Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
344	2036	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Palkimara Incline and Haldibari UG Project.	Prof. D. C. Panigrahi	ME	SECL
345	2038	Testing of Water Sample from PB Area of BCCL.	Mr. B. K. Mishra	ESE	BCCL
346	2039	Functional Ability test of Self Rescuers of Dhansar Colliery.	Prof. D. C. Panigrahi	ME	BCCL
347	2040	Evaluation of Performance and Behavior of gas detectors Dhansar Rescue Station and Patherdih Colliery. BCCL.	Prof. D. C. Panigrahi	ME	BCCL
348	2041	Hydrogeological Study for Milupara Coalfields Mand, Raigarh.	Prof. M.K. Mukherjee,	AGL	MIEL
349	2042	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Dhemomine Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
350	2043	Off Campus Mine Electrical Engineering for the Management Trainees/Executives Engineers of Tata Steel, Jamadoba from 20.02.13	Prof. T. K. Chatterjee	EE	TSL
351	2044	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bera Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
352	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
353	2046	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Talcher Colliery, MCL.	Prof. D. C. Panigrahi	ME	MCL
354	2047	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Dhori Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
355	2048	Analysis and Interpretation of mine air samples of Dhori (K) Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
356	2049	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Tetulmari 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
357	2050	Analysis of Coal Sample from Anpara Thermal Power Station.	Dr. Shalini Gautam	FME	ATPS
358	2051	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Dhansar Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
359	2052	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Mekon International	Prof. D. C. Panigrahi	ME	MIL
360	2053	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Ningah Group of Mines, ECL.	Prof. D. C. Panigrahi	ME	ECL
361	2054	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Govindpur Area BCCL.	Prof. D. C. Panigrahi	ME	BCCL
362	2055	Technical Advisory on setting up of Coal Washery - Phase - A	Prof. S. Bhattacharya	FME	DTTIPL
363	2056	Characterisation of ECL Coal sample for Gasification Behavior of coal.	Prof. T. Sharma	FME	ECL
364	2057	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Sijua Colliery Tata Steel Ltd.	Prof. D. C. Panigrahi	ME	TSL
365	2058	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of B.K. Enterprises, Dhanbad	Prof. D. C. Panigrahi	ME	BKE
366	2059	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Alkusa Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
367	2061	Sampling & Analysis of Coal Slurry/Tailing.	Prof. N.R. Mandre	FME	BCCL
368	2062	Preparation of MCQ for Marks Grade III Written Examination	Dr. Sumya Singh	MS	BCCL
369	2063	Determination of Cerchar Hardness and Abrasivity Index of Some Rock Samples.	Prof. V.M.S. R. Murthy	ME	CIMFR
370	2065	Environmental audit at OP Jindal Super Power Thermal Power Plant (4 x 250 MW)	Prof. Gurdeep Singh	ESE	JPL
371	2066	Coal samples Analysis work for GCV Sodepur Area.	Prof. V.K. Saxena	FME	ECL
372	2067	Analysis of Coal Sample of Washed Coal (Power) of Mahuda Coal Washery	Prof. V. K. Saxena	FME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
373	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
374	2069	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Sodepur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
375	2070	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Chinakuri Mine No.2, ECL	Prof. D. C. Panigrahi	ME	ECL
376	2071	Cyclosizing Test Work.	Dr. Anand Anupam	FME	CDE
377	2072	Evaluation of performance and Behavior of gas detectors and Analysis and Interpretation of air Samples.	Prof. D. C. Panigrahi	ME	JNIL
378	2073	Determination of degree of gasiness of R-VIIA seam.	Prof. D. C. Panigrahi	ME	ECL
379	2074	Analysis and Interpretation of air samples of Tetulmari Colliery,BCCL.	Prof. D. C. Panigrahi	ME	BCCL
380	2075	Evaluation of Performance and Behavior of gas detectors of Lohapatti Colliery.	Prof. D. C. Panigrahi	ME	BCCL
381	2076	Evaluation of Performance and Behavior of gas detectors of Bankala Area.	Prof. D. C. Panigrahi	ME	ECL
382	2077	Evaluation of Performance and Behavior of gas detectors and analysis of air Samples of Bagdigi Colliery.	Prof. D. C. Panigrahi	ME	BCCL
383	2079	Sub-Sieve Size Analysis Using Cyclosizer.	Dr. Anand Anupam	FME	CDE
384	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
385	2081	Coal Seam Analysis Work for GCV on Equilibrated basis.	Prof. V. K. Saxena	FME	ECL
386	2082	Water sample testing of DWS Division, Hazaribagh.	Mr. B. K. Mishra	ESE	DWS
387	2083	Coal Sample Analysis Work for GCV on Equilibrated basis.	Prof. V. K. Saxena	FME	ECL
388	2084	Off-Campus Course Mentorship Development Programme .	Prof. P. Pathak	MS	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
389	2085	Coal Samples Analysis Work for CHNS.	Prof. V. K. Saxena	FME	SGSIPL
390	2086	Check Survey of Milupara and Kondekal Underground Mines of MIE.	Dr. Dheeraj Kumar	ME	MIEL
391	2087	Evaluation of Performance and behavior of gas detector of MRS Ramgarh, CCL.	Prof. D. C. Panigrahi	ME	CCL
392	2088	Evaluation of Performance and behavior of gas detectors of P.B. Project Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
393	2089	Evaluation of Performance and Behavior of gas detectors of Mines Rescue Station.	Prof. D. C. Panigrahi	ME	BCCL
394	2090	Evaluation of Performance and Behavior of gas Detector of Sarni Mine, WCL.	Prof. D. C. Panigrahi	ME	WCL
395	2091	Evaluation of Performance and Behavior of gas Detector of Pootkee Colliery.	Prof. D. C. Panigrahi	ME	BCCL
396	2092	Determination of Some Physical and Chemical Properties of quick Setting Cement Capsule of Chinakuri Mine No.1, ECL.	Prof. D. C. Panigrahi	ME	ECL
397	2093	Determination of Compressive and Anchorage Strength of Quick Setting Cement Capsule of Chinakuri Mine No.1.	Shri P. K. Behera	ME	ECL
398	2094	Evaluation of Performance and Behavior of ventilation and Safety Instruments of Methani Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
399	2095	Evaluation of Performance and Behavior of ventilation and Safety Instruments of Bararee Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
400	2096	Evaluation of Performance and Behavior of ventilation and Safety Instruments of Bussereya Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
401	2097	Evaluation of Performance and Behavior of ventilation and Safety Instruments of B. K. Enterprises.	Prof. D. C. Panigrahi	ME	BKE
402	2098	Evaluation of Performance and Behavior of ventilation and Safety Instruments of Mekon International, Dhanbad.	Prof. D. C. Panigrahi	ME	MIL
403	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
404	2100	Testing of Wastewater Samples.	Dr. S. K. Gupta	ESE	BCCL
405	2101	Mines and Mineral Development project (Coal Sector) for Govt. of Bangladesh – Providing Consultancy Services to PWC, Hyderabad.	Prof. D.C. Panigrahi	ME	PWC
406	2102	Evaluation of Performance and Behaviour of gas detectors of Tawa Mine-I, WCL.	Prof. D. C. Panigrahi	ME	WCL
407	2103	Evaluation of Performance and Behavior of gas detectors of Kumardhubi Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
408	2104	Testing of Light Weight Acchorage testing Machine.	Prof. U. K. Singh	ME	JBEPL
409	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
410	2108	Analysis and Interpretation of mine air Samples of Mandaman Colliery	Prof. D. C. Panigrahi	ME	ECL
411	2109	Development of Mine Air colling Systems for Mines, Blue Star Ltd.	Prof. D. C. Panigrahi	ME	BSL
412	2110	Ultimate Analysis of Pelletized Waste Paper.	Prof. V. K. Saxena	FME	SCIPL
413	2111	Sampling & Analysis/Gradiation of Rejects.	Prof. S. Bhattacharya	FME	BCCL
414	2112	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Simla Bahal.	Prof. D. C. Panigrahi	ME	BCCL
415	2113	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Mekon International.	Prof. D. C. Panigrahi	ME	MIL
416	2114	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Parbelia Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
417	2115	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Godhar Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
418	2116	Study of Illegal Mines in CIL Subsidiaries (ECL, BCCL, CCL).	Dr. Biswajit Paul	ESE	CIL
419	2117	Study to Evaluate the Schemes of Science and Technology Program of Ministry of Mines.	Prof. U. K. Singh	ME	MoM
420	2118	Size Analysis Using Cyclosizer.	Mr. Anand Anupam	FME	CDE

**Total value of the projects carried forward from the Previous Financial Years: INR 820.93 Lakhs**

## B. Consultancy Projects commenced during Financial Year 2013-14:

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
421	2119	Review /Restructuring of Coal Controller Organisation.	Prof. P. Pathak	MS	MC
422	2121	Beneficiation Test of low grade Iron Ore.	Prof. T. Sharma	FME	SPJSML
423	2123	Stage I Forest Clearance for MOEF at Brahamani Coal Block of Pursh Steel & Mining (P) Ltd.	Prof. Gurdeep Singh	ESE	PSML
424	2125	Field Investigations, Modelling and Simulation Studies for designing Ventilation System of Rajpura Dariba Mines, HZL.	Prof. D. C. Panigrahi	ME	HZL
425	2126	Evaluation of Performamance and Behavior of Safety Instruments Sijua colliery, tata steel Ltd.	Prof. D. C. Panigrahi	ME	TSL
426	2127	Evaluation of Performance and Behavior of Safety Instruments of Dharam Inelient, SECL.	Prof. D. C. Panigrahi	ME	SECL
427	2128	Evaluation of Performance and Behavior of Safety Instruments and Analysis of air Samples of Lodhna Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
428	2129	Evaluationof Performance and Behavior of Safety Instruments of Rescue Room, Chirimiri Area, SECL.	Prof. D. C. Panigrahi	ME	SECL
429	2130	Evaluation of Performance and Behavior of Safety Instruments Jhanjra Project and Dhemomain Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
430	2131	Evaluation of Performance and Behavior of Safety Instruments Beheraband Colliery, SECL.	Prof. D. C. Panigrahi	ME	SECL
431	2132	Evaluation of Performance and Behavior of Safety Instruments Palkimara incline, SECL.	Prof. D. C. Panigrahi	ME	SECL
432	2133	Sub-Sieve Size Analysis using Cyclosizer.	Mr. Anand Anupam	ESE	CDE
433	2134	Sampling Analysis and gradation of Tailings.	Prof. N. R. Mandre	FME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
434	2135	To Assess the Impact of Gev-green Blanket in Soil & Water avality Bodies.	Prof. Gurdeep Singh	ESE	SVFU
435	2136	Determiration of Cerchar Hardness and Abrasivity Indexd of Some rock Samples.	Prof. VMSR Murthy	ME	CIMFR
436	2137	Determiration of cerchar Hardness and Abrasivity Index of Some rock samples.	Prof. VMSR Murthy	ME	CIMFR
437	2138	Determiration of Cerchar Hardness and Abrasivity Index of Some rock samples.	Prof. VMSR Murthy	ME	CIMFR
438	2139	Determiration of Cerchar Hardness and Abrasivity Index of Some Rock Samples.	Prof. VMSR Murthy	ME	CIMFR
439	2140	Determiration of some Physical and Chemical Properties of quick Setting Cement Capsules of Jhagrkhand Colliery, SECL.	Prof. D. C. Panigrahi	ME	SECL
440	2141	Determiration of Compressive and Anchorage Strength of quick Setting Cement Capsules of Jhagrakhand Colliery, SECL.	Prof. D. C. Panigrahi	ME	SECL
441	2142	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kenda Area ECL.	Prof. D. C. Panigrahi	ME	ECL
442	2143	Functional Ability test of Self Rescuers of Moonidih Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
443	2144	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kumardhubi Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
444	2145	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of AWC Dhanbad.	Prof. D. C. Panigrahi	ME	AWC
445	2146	Analysis and Intorpretation of Mine Air Samples of Sendra Bansjora Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
446	2147	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Mekon International, Dhanbad.	Prof. D. C. Panigrahi	ME	MIL
447	2148	Evaluation of Peroformance and Behavior of Ventilation and Safety Instruments of Katras Chautudih Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
448	2149	Evaluation of Performance and Behaviour of Ventilation and Safety Instruments of Baikunthapur 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
449	2150	Evaluation of Performance and Behaviour of Ventilation and Safety Instruments of Chirimiri, Area, SECL.	Prof. D. C. Panigrahi	ME	SECL
450	2151	Evaluation of Performance and Behaviour of Ventilation and Safety Instruments and analysis of air Samples of Jarangdih U/G Colliery, CCL.	Prof. D. C. Panigrahi	ME	CCL
451	2152	Evaluation of Performance and Behavior of Ventilation and Safety Instruments Ray Bachra Colliery, CCL.	Prof. D. C. Panigrahi	ME	CCL
452	2158	Preliminary Investigation for Benefication of Low grade Iron Ore.	Prof. T. Sharma	FME	VPL
453	2159	Analysis and Interpretation of air Samples of Anjan Hills and Kurasia Collieries, SECL,	Prof. D. C. Panigrahi	ME	SECL
454	2160	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bartunga Colliery, SECL.	Prof. D. C. Panigrahi	ME	SECL
455	2161	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Mekon International.	Prof. D. C. Panigrahi	ME	MIL
456	2162	Evaluation of Performance and Behavior of Ventilation and Safety Instruments Jhanjra Project Colliery.	Prof. D. C. Panigrahi	ME	ECL
457	2163	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Mekon International.	Prof. D. C. Panigrahi	ME	MIL
458	2164	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bijuri and Samna Collieries, SECL.	Prof. D. C. Panigrahi	ME	SECL
459	2165	Solid Waste Management Plan & Activity for 3 years Jan, 13 to Dec. 2015. 4	Prof. S.K. Maiti	ESE	NSPL
460	2166	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Jhiria UG Mine SECL	Prof. D. C. Panigrahi	ME	SECL
461	2167	analysis and Interpretation of Mine air Samples of Bagdigi Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
462	2170	Proximate Analysis and GCV Determination.	Prof. S. Bhattachrya	FME	BCCL
463	2171	Functional Ability test of Self Rescuers of Tata Steel Ltd. Jharia Division.	Prof. D. C. Panigrahi	ME	TSL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
464	2172	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of lakhimata Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
465	2173	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Analysis of air samples of Sendra Bansjora Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
466	2174	Sub-Sieve Analysis of Iron Ore.	Mr. Shravan Kumar	FME	SGSIPL
467	2179	Testing of Uranium Ore Sample.	Prof. S. Bhattacharya	FME	MSEL
468	2180	Astudy into Present Atmospheric Condition including the conditions of fire areas for improving safety in Sijua Colliery Tata Steel Ltd..	Prof. D. C. Panigrahi	ME	TSL
469	2181	Evaluation of Performance and Behavior of Safety Instruments air-borne respirable dust sampling noise Measurement gas sampling and analysis of Chasnala Colliery ISP SAIL.	Prof. D. C. Panigrahi	ME	SAIL
470	2182	Field Investigations Modelling and Simulation Studies for Redesigning the Ventilation System of all UCIL Mines.	Prof. D. C. Panigrahi	ME	UCIL
471	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
472	2184	Analysis and Interpretation of air Samples of Hariazam Colliery ECL.	Prof. D. C. Panigrahi	ME	ECL
473	2185	Analysis and Interpretation of air Samples of Karo Spl. Project Ph-II CCL.	Prof. D. C. Panigrahi	ME	CCL
474	2186	Evaluation of Performance and Behavior of Safety Instruments of Khothadih Colliery Pandewasar Area. ECL.	Prof. D. C. Panigrahi	ME	ECL
475	2187	Evaluation of Performance and Behavior of Safety instrument of Dobari Colliery Bastacola Area BCCL.	Prof. D. C. Panigrahi	ME	BCCL
476	2188	Evaluation of Performance and behavior of Safety instruments and air sample analysis of Amalgamatod Angarapathara Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
477	2189	Evaluation of Performance and Behavior of Safety Instruments Mudidih 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
478	2190	Evaluation of Performance and Behavior of Safety Instruments of Chinakuri Mine 1, ECL.	Prof. D. C. Panigrahi	ME	ECL
479	2191	Evaluation of Performance and Behavior of Safety Instruments of MRS - Dhansar, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
480	2192	Evaluation of Performance and Behavior of Safety Instruments of Hurriladih Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
481	2193	Evaluation of Performance and Behavior of Safety Instruments and air Sample Analysis of Badgna Colliery ECL.	Prof. D. C. Panigrahi	ME	BCCL
482	2194	Evaluation of Performance and Behavior of gas detectors of Silewar Sub Area, WCL.	Prof. D. C. Panigrahi	ME	WCL
483	2195	Analysis and Interpretation of air Samples of Mudidih Colliery.	Prof. D. C. Panigrahi	ME	BCCL
484	2197	Off-campus course on Environmental Impact Assessment and Auditing to MCL Executives.	Prof. Gurdeep Singh	ESE	MCL
485	2199	Evaluation of Performance and Behavior of Narsamund Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
486	2200	Analysis and Interpretation of Mine Air Samples of Bararee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
487	2201	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Sodepur Colliery	Prof. D. C. Panigrahi	ME	ECL
488	2202	Evaluation of Performance of Six number of dust collectors deployed alongwith their drilling machine	Prof. D. C. Panigrahi	ME	REL
489	2203	Evaluation of performance and Behavior of gas detectors of Mines Rescue Station, Dhansar	Prof. D. C. Panigrahi	ME	MRS
490	2204	Evaluation of Performance and Behaviour of gas detectors and anemometers of Rik Sates Asansol.	Prof. D. C. Panigrahi	ME	RSS
491	2205	Testing of Heavy Metals Trall Metals of Water Samples	Mr. B. K. Mishra	ESE	ARDS
492	2206	Water Sample Testing of Rajrappa Area.	Mr. B. K. Mishra	ESE	HIL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
493	2207	Scientific study to suggest blast design for controlling blast Induced vibration plying fragments and blasting in the Vicinity of inhabited at Mahespur Colliery Govindpur Area BCCL	Dr. A. K. Mishra	ME	BCCL
494	2208	Scientific Study for Stability Analysis & Design of Slopes and Coal rib and Suggesting a suitable design for dragline operation at Bharatpur OCP of MCL	Prof. Phalguni Sen	ME	MCL
495	2209	DGPS Survey of Demarked boundary Pillars of Tubed Coal Block of TCML	Dr. Dheeraj Kumar	ME	TCML
496	2210	Repid EIA/EMP for Sand Lease of Tata Steel, Kunji.	Dr. Biswajit Paul	ESE	TSL
497	2211	Rapid EIA/EMP for Sand Lease of Tata Steel - Dungri & Bhowrah.	Dr. Biswajit Paul	ESE	TSL
498	2212	Rapid EIA/EMP for Sand Lease of Tata Steel - Mohulbani & Gourkhuti	Dr. Biswajit Paul	ESE	TSL
499	2213	Rapid EIA/EMP for Premsinghdih Sand Lease of Tata Steel	Dr. Biswajit Paul	ESE	TSL
500	2214	Statutory Environmental Audit at jindal Stainless Ltd.	Prof. Gurdeep Singh	ESE	JSS
501	2215	Analysis and interpretation of air Samples of Sandra Bansjora Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
502	2216	Evaluation of Performance and Behavior of gas detectors of Baikunthapur Area and kapildhara Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
503	2217	Evaluation of performance and Behavior of gas detectors of Chhtrapur Mine No.1, WCL	Prof. D. C. Panigrahi	ME	WCL
504	2218	Evaluation of performance and Behavior of gas detectors of Sodpur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
505	2219	Evaluation of performance and Behavior of gas detectors of Tawa Mine II, Patherkhera Area.	Prof. D. C. Panigrahi	ME	WCL
506	2220	Envrionmental (Chemical & Leachability Study A Fly Ash for JPL	Prof. Gurdeep Singh	ESE	JPL
507	2221	Off - Campus Course on Technology Applications in Mining and Innovative Trends in Mining Industry.	Dr. A. K. Mishra	ME	ASPL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
508	2222	Determination of Some Physical and Chemical Properties of quick setting cement capsule of Kargil U/G Mine, B & K Area CCL.	Prof. D. C. Panigrahi	ME	CCL
509	2223	Determination of Compressive and Anchorage Strength of quick setting cement capsules of kargil U/G Mine, B & K Area, CCL	Shri P. K. Behera	ME	CCL
510	2224	Analysis and Interpretation of Mine air samples of CIMFR, Dhanbad	Prof. D. C. Panigrahi	ME	CIMFR
511	2225	Testing of Dust Sup Chemical (Dust Track).	Prof. Gurrdeep Singh	ESE	GEIPL
512	2226	To study effect of Excavation of Panel No.32 on Surface Murulidih 20/21 pits Colliery.	Prof. U. K. Singh	ME	BCCL
513	2227	Coal Sample Analysis work for CHNS	Prof. V. K. Saxena	FME	SGSIPL
514	2228	Coal Stock analysis Work for GCV	Prof. V. K. Saxena	FME	ECL
515	2229	Off-Campus Course on Safe and Efficient Blasting Practices for Improved Productivity in Mines, For HZL Managers.	Dr. A. K. Mishra	ME	HZL
516	2230	Training need Analysis in Mining Domain	Prof. V.M.S. R. Murthy	ME	IL
517	2231	Monitoring of Environmental Parameters in respect of ambient air stock Monitoring Noise level and effluent discharged of BTPS	Dr. Alok Sinha	ESE	DVC
518	2232	Evaluation of Performance and Behaviors of gas detectors and Analysis and Interpretation of air Samples of Bagdigi Colliery Lodna Area 6 & 7 Pits Collieries.	Prof. D. C. Panigrahi	ME	TSL
519	2233	Abrasivity and Grindability Test of Coal	Prof. S. Bhattacharya	FME	CESEL
520	2234	Analysis of dry Solids from ESP Discharge	Prof. S. Bhattacharya	FME	PIL
521	2235	Testing of Water (Damodar River)	Mr. B. K. Mishra	ESE	RL
522	2236	Analysis and Interpretation of Mine Air Samples of Hingir Rampur 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
523	2237	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Mekon International	Prof. D. C. Panigrahi	ME	MIL
524	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
525	2239	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Gopalichuk, BCCL	Prof. D. C. Panigrahi	ME	BCCL
526	2240	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of MRS Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
527	2241	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Palkimara and West Jhagarkhand Collieries, SECL	Prof. D. C. Panigrahi	ME	SECL
528	2242	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Malga Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
529	2243	Davis tube test for 5 samples	Dr. Pankaj Kr. Jain	ESE	SGSIPL
530	2248	Determination of Cerchar Hardness and Cerchar Abrasivity Index of Some Coal Samples.	Prof. V.M.S.R. Murthy	ME	CIMFR
531	2249	Determination of Cerchar Hardness and Cerchar Abrasivity Index of Some Coal Measure rock Samples.	Prof. V.M.S.R. Murthy	ME	CIMFR
532	2250	Evaluation of Performance and Behavior of gas detectors of Advance welding Corporation	Prof. D. C. Panigrahi	ME	AWC
533	2251	Evaluation of Performance and Behavior of gas detectors and Analysis and Interpretation of air Samples of Lodna Colliery	Prof. D. C. Panigrahi	ME	BCCL
534	2252	Evaluation of Performance and Behavior of gas detectors of Rescue room Chirimiri Area.	Prof. D. C. Panigrahi	ME	WCL
535	2253	Evaluation of Performance and Behavior of gas detectors of Hariajam Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
536	2254	Analysis and Interpretation of air Samples of Jayram Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
537	2255	analysis and Interpretation of air samples of Bagdigi Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
538	2256	Evaluation of Performance and Behavior of gas detectors of MRs Ramgarh, 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
539	2257	Evaluation of Performance of two numbers of dust collectors Models (C850E) M/s Revathi Equipment Ltd. Coimbatore deployed Along with their drilling Machines at different Mines of NCL Singrauli.	Prof. D. C. Panigrahi	ME	REL
540	2258	Evaluation of Performance and Behavior of Safety Instruments of Patherdih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
541	2259	Evaluation of Performance and Behavior of Safety Instruments Analysis and Interpretation air Samples of Barraree Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
542	2260	Analysis and Interpretation of air sample of Kumardhubi Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
543	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
544	2262	Analysis and Interpretation of air samples of Shaft Mine Sudamdih, BCCL	Prof. D. C. Panigrahi	ME	BCCL
545	2263	Evaluation of Performance and Behavior of Safety Instruments of Sudamdih Incline Mine, BCCL	Prof. D. C. Panigrahi	ME	BCCL
546	2264	Evaluation of Performance and Behavior of Safety Instruments of Bhowrah South Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
547	2265	Proximate analysis of Washed Coal Samples.	Prof. S. Bhattacharya	FME	BCCL
548	2266	Analysis of Coal Sample of Washed Coal (Power) of Mohuda Coal Washery	Prof. V. K. Saxena	FME	BCCL
549	2267	Analysis and Interpretation of air Samples of Joyrampur Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
550	2268	Analysis and Interpretation of air Samples of Lodna Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
551	2269	Analysis and Interpretation of air Samples of Bagdigi Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
552	2270	Evaluation of performance and Behavior of gas detectors of PBP Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
553	2271	Analysis and Interpretation of air Samples of Joyrampur 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
554	2272	Testing of Washed Coal and Power Coal of Madhuban Coal Washery under Block II area BCCL	Prof. V. K. Saxena	FME	BCCL
555	2274	Testing of LDO for SAIL, IISCO Steel Plant	Dr. T. K. Naiya	PE	SAIL
556	2275	Subsidence Study of Khetri Copper Mine & Kolihan Copper Mine of Khetri Copper Complex Rajasthan	Dr. Dheeraj Kumar	ME	KCM
557	2276	Analysis of Three Coal Samples of Jhama Coal	Prof. V. K. Saxena	FME	QCD
558	2277	Evaluation of Performance and Behavior of Ventilation and safety Instruments of Sudamdih Shaft Mine, BCCL	Prof. D. C. Panigrahi	ME	BCCL
559	2278	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of K.B. Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
560	2279	Analysis and Interpretation of Mine air Samples of Tetulmari Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
561	2280	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of basantimata Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
562	2281	Developing and Delivering Online Course on International Business Management	Dr. Niladri Das	MS	GTPL
563	2283	Analysis and Interpretation of air Samples of Lodna Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
564	2284	Evaluation of Performance and Behavior of Safety Instruments and Analysis and Interpretation of Bhagabandh Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
565	2285	Evaluation of Performance and Behavior of Safety Instruments of Rajnagar R. O. Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
566	2286	Evaluation of Performance and Behavior of Safety Instruments of Jayrampur Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
567	2287	Analysis and Interpretation of Air Samples of Bagdigi Coliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
568	2288	Analysis and Interpretation of Air Samples of Jarangdih Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
569	2289	Evaluation of Performance and Behavior of Safety Instruments of Burragarh Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
570	2290	Evaluation of Performance and Behavior of Safety Instruments of Roy Bachra Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
571	2291	Crossing and Ignition Point Temperature of Coal Samples of CIMFR	Prof. D. C. Panigrahi	ME	CIMFR
572	2292	Sampling and gradation of Rejects	Prof. S. Bhattacharya	FME	BCCL
573	2293	Learning from Each other Workshop on reduction of fines Generation through Advanced blasting Techniques in Iron Ore Mines.	Prof. VMSR Murthy	ME	SAIL
574	2294	Development of an Under Water drilling and Controlled Blasting Methodology and Monitoring for dismantling a Concrete Berth at Port of Vishakhapatnam.	Prof. VMSR Murthy	ME	AVCT P L
575	2295	Elective Course Logistics and Supply Chain Management	Prof. K. Mukherjee	MS	XLRI
576	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
577	2297	Evaluation of Performance and Behavior of gas detectors of Dabor Colliery	Prof. D. C. Panigrahi	ME	ECL
579	2298	Field Investigations Modeling and Design of Ventilation System for Mochia, Balaria, Baroi, and Zawarmala Mines (Zawar Group of Mines) HZL and Association of ISM for 3 years to Implement the Recommended Ventilation System for increasing the Production of the Mines from 1.2 Million tonnes per Annum (Mtpa) to 5.0 Million tonnes per Annum (Mtpa)	Prof. D. C. Panigrahi	ME	HZL
580	2299	Evaluation o Performance and Behavior of gas detectors of Baheraband Colliery Hasdeo Area	Prof. D. C. Panigrahi	ME	SECL
581	2300	Evaluation of Performance and Behavior of gas detectors of Janjra Project Colliery	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
582	2301	Evaluation of Performance and Behavior of gas detectors of Chinakuri Mine No.1,	Prof. D. C. Panigrahi	ME	ECL
583	2302	Evaluation of Performance and Behavior of gas detectors of Jhiria UG Mine and Malga Colliery Hasdeo Area	Prof. D. C. Panigrahi	ME	SECL
584	2303	Evaluation of Performance and Behavior of gas detectors of B. K. Enterprises, Dhanbad	Prof. D. C. Panigrahi	ME	BKE
585	2304	Analysis and Interpretation of air Samples of North Tisra Colliery	Prof. D. C. Panigrahi	ME	BCCL
586	2305	Analysis and Interpretation of air Samples of Lodna Colliery	Prof. D. C. Panigrahi	ME	BCCL
587	2306	Sampling and Proximate Analysis	Shri Shravan Kumar	FME	BCCL
588	2307	Proximate Analysis and Gradation of Coal Sample	Prof. N.R. Mandre	FME	BKC
589	2308	Evaluation of Performance and Behavior of gas detectors Jhanjra Project Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
591	2309	Evaluation of Performance and Behavior of gas detectors of Bagdigi Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
592	2310	Evaluation of Performance and Behavior of gas detectors and Analysis and Interpretation of air Samples of Bararee Colliery,	Prof. D. C. Panigrahi	ME	BCCL
593	2311	Evaluation of Performance and Behavior of gas detectors MRS Dhansar Dhanbad	Prof. D. C. Panigrahi	ME	BCCL
594	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
595	2313	Analysis and Interpretation of air Samples of Hingiri Rampur Colliery, MCL	Prof. D. C. Panigrahi	ME	MCL
596	2315	Preparation of Environmental Management Report for DVC Mines.	Dr. Biswajit Paul	ESE	DVC

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
597	2316	Analysis of dry Solids from ESP Discharge	Prof. S. Bhattacharya	FME	PIL
598	2318	Effluent Analysis as per EPA 1986 PIS 2296	Mr. B. K. Mishra	ESE	TATA
599	2319	Evaluation of performance and Behavior of Ventilation and Safety Instrument of SSI Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
600	2320	Evaluation of performance and Behavior of Ventilation and Safety instruments and Analysis of air Samples of Swang Colliery	Prof. D. C. Panigrahi	ME	CCL
601	2321	Evaluation of performance and Behavior of Ventilation and Safety instruments of Chapapur Colliery	Prof. D. C. Panigrahi	ME	ECL
602	2322	Evaluation of performance and Behavior of Ventilation and Safety instruments of RIK Sales	Prof. D. C. Panigrahi	ME	RS
603	2323	Analysis and Interpretation of Mine air samples of CIMFR, Dhanbad	Prof. D. C. Panigrahi	ME	CIMFR
604	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
605	2325	Evaluation of performance and Behavior of Ventilation and Safety instruments of Mekon International	Prof. D. C. Panigrahi	ME	MIL
606	2326	Evaluation of performance and Behavior of Safety instruments of Chhatrapur Colliery WCL	Prof. D. C. Panigrahi	ME	WCL
607	2327	Evaluation of performance and Behavior of Safety instruments of Sobhapur Colliery WCL	Prof. D. C. Panigrahi	ME	WCL
608	2328	Determination of GCV of Coal ample from PTP Plant.	Dr. Shalini Goutam	FME	PTPP
609	2329	Petrography of are Samples from M/s Vimla Labs.	Prof. A. S. Venkatesh	AGL	IDA
610	2330	DGPS Survey of Demarked Boundary Pillars of Sub Block IV/4 & IV/8 of Usha Coal mine of M/s Jayaswal Neco Industries Ltd.	Dr. Dheeraj Kumar	ME	JNIL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
611	2331	Testing of Mine Water Effluent from Bararee Colliery	Mr. B. K. Mishra	ESE	BCCL
612	2332	Testing of Industrial Effluent Mine, Pitwater (1 No.)	Mr. B. K. Mishra	ESE	BCCL
613	2333	Testing of Mine Pit Water and Filtur Water (2 No.)	Mr. B. K. Mishra	ESE	BCCL
614	2335	Evaluation of Performance and Behavior of gas detectors of Shyampur B Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
615	2336	Field Investigations, modelling and Simulation Studies for Redesigning and Reorganizing the Ventilation System for Improving the Workplace Environment in Jitpur Colliery ISP SAIL (Phase-1)	Prof. D. C. Panigrahi	ME	SAIL
616	2337	Evaluation of Performance and Behavior of gas detectors of Parbelia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
617	2338	Evaluation of Performance and Behavior of Safety Instruments of Godhar Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
618	2339	Evaluation of Performance and Behavior of Safety Instruments of Rescue Room, Surakachha-Balgi Sub Area, WCL	Prof. D. C. Panigrahi	ME	WCL
619	2340	Conducting Werkshop on Role & Responsibility of HR Personnel in Coal Industry	Dr. Saumoya Singh	MS	NCL
620	2344	Design of Mechanised System of stoping for Ukwa Mine of MOIL	Prof. U. K. Singh	ME	MOIL
621	2345	Determination of Bonds Work Index of Choromite Sample	Prof. N. Suresh	FME	SGS
622	2347	Offering a 2 days Management Development programme on Mine Ventilation and Safety for the Practicing Officers of HZL.	Prof. D. C. Panigrahi	ME	HZL
623	2348	Evaluation of Performance and Behavior of open Circuit Breathing apparatus as per IS 10245 (part-2) 1994	Prof. D. C. Panigrahi	ME	JLDMP
624	2349	Field Investigations Modelling and Design of Ventilation system of Kayad Mine, HZ Ltd. 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
625	2350	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kumardhubi Colliery, ECL.	Prof. D. C. Pnaigrahi	ME	ECL
626	2351	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Ghusik ® Colliery	Prof. D. C. Pnaigrahi	ME	ECL
627	2352	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Sodepur Colliery	Prof. D. C. Panigrahi	ME	ECL
628	2353	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Simlabahal Colliery	Prof. D. C. Panigrahi	ME	BCCL
629	2354	Field Investigations Modelling and design of Ventilation System to Improve for Rampura Aqucha Lead Zinc Mine HZL Ltd. Part-IV	Prof. D. C. Panigrahi	ME	HZL
630	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
631	2356	Evaluation of Sustainable Development Project of ECL under MOU 2013-13 (First Phase)	Dr. P. K. Singh	ESE	ECL
632	2358	Independent Evaluation and Assessment of Major Central Sector Scheme for continuation in XII Plan Conservation and Safety in Coalfields.	Prof. S. Choudhuri	ME	GIMC
633	2359	Independent Evaluation and Assessment of Major Central Sector Scheme for Continuation in XII Plan Development of Transportation infrastructure in Coalfield	Prof. S. Choudhuri	ME	GIMC
634	2360	Independent Evaluation and Assessment of Major Central Sector Scheme for Continuation in XII Plan EMSC Scheme	Prof. S. Choudhuri	ME	GIMC
635	2361	Evaluation of Performance and Behaviour and Safety Instruments of Malga Colliery and Jharia Colliery SECL	Prof. D. C. Panigrahi	ME	SECL
636	2362	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of MRS Ramgarh, 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
637	2366	Evaluation of Performance and Behaviour 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
638	2367	Efluent Analysis as Per EP Act 1986	Dr. S. K. Gupta	ESE	TATA
639	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	B DM BIL
640	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
641	2370	Determination of Cerchar Hardness and Cerchar Abrasivity Index of Some rock Samples.	Prof. V. M. S. R. Murthy	ME	CIMFR
642	2371	Environmental Monitoring by Third Party	Dr. S. K. Gupta	ESE	NTPC.
643	2372	Functional Ability tests of Self Rescuers of Baikunthapur Area Bilaspur, SECL	Prof. D. C. Panigrahi	ME	SECL
644	2373	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bijuri Colliery, Handeo Area SECL	Prof. D. C. Panigrahi	ME	SECL
645	2374	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Somna Colliery, Hansdeo Area SECL	Prof. D. C. Panigrahi	ME	SECL
646	2375	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kuya Colliery	Prof. D. C. Panigrahi	ME	BCCL
647	2376	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Salanpur Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
648	2377	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Saoner Sub-area WCL	Prof. D. C. Panigrahi	ME	WCL
649	2378	Sub-Sieve Size Analysis using Cyclosizer.	Mr. Anand Anupam	FME	ADE

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
650	2380	Evaluation of Performance and Behavior of Self rescuers of CSE Corporation Submitted by New Techsal, Bangalore	Prof. D. C. Panigrahi	ME	NTB
651	2381	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Mudidih Colliery BCCL and Narwapahar Mine UCIL	Prof. D. C. Panigrahi	ME	BCCL
652	2382	Consultancy for Web based Application development in LAMP Plat form.	Shri Dipankar Roy	CSE	PSDL
653	2383	Geological and Geophysical Surveys in and Around the Proposed Atleged Gold Treasure Sites in UP	Prof. Atul Kr. Verma	AGL	PSMSMAMFP
654	2384	Testing of Kiln Waste Char	Prof. V. K. Saxena	FME	JSS
655	2387	Sub Sieve Size Analysis Using Cyclosizer	Mr. Anand Anupam	FME	CDE
656	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
657	2389	Determination of Compressive and Anchorage Strength of quick setting cement capsules of Baikunthpur Area, SECO	Shri P. K. Behera	ME	SECL
658	2390	Offering off-campus course one day on Technology Applications in Mining and Mine Automation	Dr. A. K. Mishram	ME	ASPL
659	2391	Calibration of Force Measuring Device of Pre-Stressed udyog 100 kN & 200 kN Capacity	Shri P. K. Behera	ME	PUPL
660	2392	Disaster management Plan for Coking Coal Washery.	Dr. Biswajit Paul	ESE	SAIL
661	2393	Off-Campus Course on Best Blasting Practices for Improved Productivity and Safety in Coal Mine for IBP & ECL executives	Dr. A. K. Mishra	ME	IBP & ECL
662	2394	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Haldibari Colliery Hansdeo Area SECL	Prof. D. C. Panigrahi	ME	SECL
663	2395	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kumardhubi 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
664	2396	Scientific Studies of roof fall and Supports of Galleries in Girimint Incline Colliery (KDI)	Prof. U. K. Singh	ME	ECL
665	2397	A study of performance and behavior of Dust Ioniser of Calcutta Mining Seelants Pvt. Ltd.	Prof. D. C. Panigrahi	ME	CMSPL
666	2398	A study of performance and Behavior of Dust Ioniser of PVT Inshield Bituminous Pvt. Ltd.	Prof. D. C. Panigrahi	ME	PVR IBPL
667	2399	Field study and Evaluation of Performance of NVE dust collector Models in IDM30 and IDM70 blast hole drill Machines of Atlas Copco (India) Ltd. Operating in different mines of NCL	Prof. D. C. Panigrahi	ME	ACL
668	2404	Evaluation of Performance and Behavior of Ventilation and Safety Instruments West Jhagorakhand Colliery Hasdeo Area SECL	Prof. D. C. Panigrahi	ME	SECL
669	2405	Evaluation of Performance and Behavior of Ventilation and Safety Instruments Pench Area WCL	Prof. D. C. Panigrahi	ME	WCL
670	2406	Evaluation of Performance and Behavior of Safety Instruments MRS Dhansar BCCL	Prof. D. C. Panigrahi	ME	BCCL
671	2407	Evaluation of Performance and Behavior of Ventilation and Safety Instruments Murlidih 20/21 pits Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
672	2408	Analysis and Interpretation of gas Samples of Kunustoria Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
673	2409	Evaluation of Performance and Behavior of Ventilation and Safety instruments of MRS CCL	Prof. D. C. Panigrahi	ME	MRS, CCL
674	2410	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Patherkhera Area, WCL	Prof. D. C. Panigrahi	ME	WCL
675	2411	Field Investigations Modelling and design of Ventilation system for operating 03 Production distries in XVIII Top Seam of Parbetpur Coal Mine of Electrosteel Castings Ltd.	Prof. D. C. PanigrahiI	ME	PCMEC
676	2412	Studyt of Leaching of Heavy Metals	Dr. S.K. Gupta	ESE	TATA
677	2414	Analysis and Interpretation of air Samples of Premier Explosives Ltd.	Prof. D. C. Panigrahi	ME	PEL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
678	2415	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Govindpur Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
679	2416	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kapildhara Colliery SECL	Prof. D. C. Panigrahi	ME	SECL
680	2417	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bussereya Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
681	2418	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Mekon International, Dhanbad	Prof. D. C. Panigrahi	ME	MIL
682	2419	Evaluation of Performance and behavior of Ventilation and Safety Instruments of Rescue Room Patherkhera Area.	Prof. D. C. Panigrahi	ME	RRP
683	2422	Evaluation of Performance and Behavior of Bitumen based fire Retardant and Sealant brand name coal shield of PVR Inshield Bituminous Pvt. Ltd.	Prof. D. C. Panigrahi	ME	PVR
684	2423	Evaluation of Performance and Behavior of Bitumen based fire Retardant and Sealant brand name fire Shield of Calcutta Mining Sealants Pvt. Ltd.	Prof. D. C. Panigrahi	ME	CMSPL
685	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
686	2425	Sieve Analysis of Bottom Ash of CTPS	Dr. Anshumali	ESE	BCCL
687	2426	Testing of Coal samples.	Shri Shravan Kumar	FME	CCO
688	2427	Testing of Coal samples.	Prof. N. R. Mandre	FME	BCCL
689	2432	Analysis of one air Sample at the Surface of the mine & One Water Sample from the Main discharge of Mine Water	Mr. B. K. Mishra	ESE	BCCL
690	2433	Testing of Coal samples.	Shri Shravan Kumar	FME	ECL
691	2434	Testing of Diesel Sample, Emta Coal Ltd.	Dr. T. K. Naiya	PE	ECL
692	2436	Determination of some physical and Chemical properties of quick setting cement capsule 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
693	2437	Analysis and interpretation of mine Air samples of Jarangdih Colliery , CCL	Prof. D. C. Panigrahi	ME	CCL
694	2438	Evaluation of performance and behavior of Ventilation and safety instruments of Argada Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
695	2439	Determination of compressive and anchorage strength of quick setting cement capsuls of Katras Area, BCCL	Shri P. K. Behera	ME	BCCL
696	2440	Facilitating the process of conducting Risk Assessment in underground workings of Parbalpur Mine under Electrosteel Casting limited.	Dr. R. M. Bhattacharjee	ME	PMEC
697	2441	Setting up suitable Municipal solid waste management Technique	Dr. S.R. Samaddar	ESE	NMDC
698	2442	Off-Campus Course for GATE Executives on Minerals Processing Aspects for Mining and Mineral Industry at Pune.	Prof. N.R. Mandre	FME	IGATE
699	2443	Off-Campus Course for GATE Executives on Minerals Processing Aspects for Mining and Mineral Industry at Pune.	Prof. VMSR Murthy	ME	I GATE
700	2444	Off-Campus Course for GATE Executives on Minerals Processing Aspects for Mining and Mineral Industry at Pune.	Prof. AS Venkatesh	AGL	IGATE
701	2445	Determination of Bond's Work Index of Choromite Sample	Prof. N. Suresh	FME	SGS
702	2455	Conducting Annual Comprehensive Environment Audit at O.P. Jindal Super Thermal Power Plant Tammar Raigarh	Prof. Gurrdeep Singh	ESE	JPL
703	2456	DPR Preparation for proposed college of Engineering at Singrauli, MP	Dr. A. K. Mishra	ME	DTE
704	2457	Sampling and Analysis of 4500MT Slurry at Mohuda Coal Washery	Mr. Anand Anupam	FME	BCCL
705	2458	Analysis of Coal sample of KDH Project North Karanpura Area, CCL	Dr. Salini Goutam	FME	CCL
706	2459	Proximate Analysis and GCV Estimation of Damoda Colliery Coal Sample.	Dr. N. Suresh	FME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
707	2460	Evaluation of Behavior and Performance and Safety Instruments of Rescue Room Chirimiri Area, SECL.	Prof. D. C. Panigrahi	ME	SECL
708	2461	Analysis and Interpretation of air samples of Mandman Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
709	2462	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Tawa Mine Pathekhera Area WCL	Prof. D. C. Panigrahi	ME	WCL
710	2463	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Chhatrapur Colliery, Pathekhera Area WCL	Prof. D. C. Panigrahi	ME	WCL
711	2464	Analysis of Interpretation of air Samples of Parbatpur Colliery Electrosteel Castings Ltd.	Prof. D. C. Panigrahi	ME	PC E C
712	2465	Learning from Each other Workshop 21-23 Jan, 2014	Prof. R. Venugopal	FME	SAIL
713	2466	Prximate analysis and GCV Estimation of Damuda Colliery Coal Sample	Prof. N. Suresh	FME	BCCL
714	2467	Gyrosopic Survey of Alignment Survey in the Tunnel Using Gyromat 3000	Dr. Dheeraj Kumar	ME	LWCPL
715	2469	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Khoodia Colliery	Prof. D. C. Panigrahi	ME	ECL
716	2470	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of murpur Sub-Area Umrer Area WCL	Prof. D. C. Panigrahi	ME	WCL
718	2471	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Chinakuri Mine III ECL	Prof. D. C. Panigrahi	ME	ECL
719	2472	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Sudamdih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
720	2473	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Amalgamated Keshalpur West Mudidih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
721	2474	Field Investigations Modelling and Simulation Studies for designing Ventilation System of Noonudih-Jitpur Coliery Phase - II	Prof. D. C. Panigrahi	ME	BCCL
722	2475	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Amal S.P. Incline, 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
723	2476	Estimation of GCV of Samples	Prof. V. K. Saxena	FME	ECL
724	2477	Evaluation of Mining Method Options of Bikram Coal Block Prepared by IIT, BHU	Prof. U. K. Singh	ME	BCL
725	2479	Determination of Cerchar Hardness and Cerchar Abrasivity Index of Some rock Samples.	Prof. V. M. S. R. MurthyI	ME	CIMFR
726	2480	Technical Feasibility study on Recovery of Uranium Bearing Mineral from tailing of Mosaboni Copper Corporation	Prof. S. Bhattacharya	FME	UCIL
727	2481	Calibration of Force Measuring device of Pre-stressed Udyog (I) Pvt. Ltd.	Dr. A. K. Mishra	ME	PUPL
728	2482	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Kanhan Area WCL	Prof. D. C. Panigrahi	ME	WCL
729	2483	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Saoner Sub-Area, WCL	Prof. D. C. Panigrahi	ME	WCL
730	2483	Water Table Study of Sarabh Automobile Plant	Dr. S. K. Gupta	ESE	SA
731	2484	Water Table Study of Sarabh Automobile Plant	Dr. S. K. Gupta	ESE	SA
732	2485	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Rajnagar Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
733	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
734	2487	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Mudidih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
735	2488	Teting of Coal Samples.	Mr. Shravan Kumar	FME	ECL
736	2489	Testing of Coal samples.	Prof. N. R. Mandre	FME	BCCL
737	2490	Testing of Coal samples.	Prof. N. R. Mandre	FME	BCCL
738	2491	Size Analysis Using Cyclosizer	Mr. Anand Anupam	FME	CDE

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Dept. of Consultant In-Charge	Sponsoring Organization
739	2492	Environmental Evaluation for Opencast and Underground Feasibility for Parso Block, CSPGL, AEL	Dr. Biswajit Paul	ESE	PCL
740	2495	Compressive strength of Paver Block of Hindustan Petroleum Corporation Limited.	Dr. A.K. Mishra, CI	ME	HPCL
741	2496	Analysis of Coal Sample	Prof. V.K. Saxena, CI	FME	CIMFR

**Total value of the projects received during the Financial Year 2013-14: INR 594.64 Lakhs**

### C. Professional Development Programmes (PDP) Executed during Financial Year 2013-14:

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks
1	2122 14/4/13 to 28/4/13	Geological Exploration and Resource Evaluation. From	Prof. B. C. Sarka Dept. of AGL	13	2 weeks
2	2124 1 - 3 May, 13 (Phase - I) 6 - 8 May, 13 (Phase - II)	Soft Skill Training to the officials of Jharkhand Postal Circle,)	Prof. J. K. Pattanayak Dept. of MS	Ph-I : 25 Ph- II : 24	3 days
3	2153 28/4/13 to 12/5/13	Petroleum Exploration for Officials of Ministry of Mines, Govt. of Afghanistan form	Prof. S. Mohanty Dept. of AGL	14	2 weeks
4	2154 12/5/13 to 26/5/13	Coal Mining Technology for Officials of Ministry of Mines, Govt. of Afghanistan	Prof. M. Jawed Dept. of ME	15	2 weeks
5	2168 26/5/13 to 9/6/13	Underground Metal Mining Technology for officials of Ministry of Mine Govt. of Afghanistan.	Prof. U. K. Singh Dept. of ME	15	2 weeks
6	2175 3/6/13 to 12/6/13	Geotechnical Engineering and Soil Mechanics.	Prof. S. Mohanty Dept. of AGL	15	2 weeks
7	2169 8/6/13 to 24/6/13	Drilling of Oil and Gas Wells for officials of Ministry of Mines Govt. of Afghanistan	Prof. A. K. Pathak Dept. of PE	15	2 weeks
8	2176 24/6/13 to 29/6/13	Matlab and Simulink for Engineering Application.	Dr. Kalyan Chatterjee Dept. of EE	41	5 days
9	2177 04/03/2013 to 05/04/2013	Management Trainees for (E & M) Intensive Training Course	Prof. A.K. Mukhopadhyay Dept. of MME	33	5 weeks
10	2178 04/03/2013 to 05/04/2013	Management Trainees for (Excavation) Intensive Training Course from 4th March, 2013 to 5th April, 2013	Prof. K. Dasgupta Dept. of MME	23	5 weeks
11	2196 17/6/13 to 21/6/13	Condition Based Maintenance of Mining Equipment	Prof. A. K. Mukhopadhyay Dept. of MME	21	1 week

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks
12	2198 26/6/13 to 28/6/13	Safety Engineering and Management in Coal Mines	Prof. S. Choudhuri Dept. of ME	22	5 days
13	2197 27/6/13 to 29/6/13	Environment Impact Assessment & Auditing Off-Campus Course.	Prof. Gurdeep Singh Dept. of ESE	20	3 days
14	2342 01/07/13 to 02/08/13	Management Trainees (E & M) of CIL	Prof. A. K. Mukhopadhyay Dept. of MME	24	2 weeks
15	2343 01/07/13 to 02/08/13	Management Trainees (Excavation) of CIL	Prof. K. Dasgupta Dept. of MME	25	2 weeks
16	2244 10/8/13 to 26/8/13	Petroleum Reservoir Engineering for Officials of Ministry of Mines, Govt. of Afghanistan	Prof. V. P. Sharma Dept. of PE	14	2 weeks
17	2245 24/8/13 to 9/9/13	Elements of Mining Equipment for Official of Ministry of Mines, Govt. of Afghanistan.	Prof. K. Dasgupta Dept. of MME	11	2 weeks
18	2364 08/08/13 to 06/09/13	Management Trainees (Excavation) of CIL	Prof. K. Dasgupta Dept. of MME	22	2 weeks
19	2365 08/08/13 to 06/09/13	Management Trainees (E & M) of CIL	Prof. K. Dasgupta Dept. of MME	27	2weeks
20	2246 8/9/13 to 23/9/13	Maintenance of Mining Equipment for Official of Ministry of Mines, Govt. of Afghanistan.	Prof. A. K. Mukhopadhyay Dept. of MME	14	2 weeks
21	2247 21/9/13 to 7/10/13	Clean of Coal Technology for Official of Ministry of Mines, Govt. of Afghanistan	Prof. S. Bhattacharya Dept. of FME	15	2 weeks
22	2273 2/9/13 to 7/9/13	Hands on Training of CMPDIL Personnel	Prof. S. K. Maiti Dept. of ESE	5	1 week

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks
22	2282 16/9/13 to 27/9/13	A Primer on Geostatistics for Scientists of Atomic Minerals Directorate for Exploration and Research Dept. of Atomic Energy Govt. of Atomic Energy	Prof. B. C. Sarkar Dept. of AGL	12	2 weeks
23	2317 21/08/13 to 23/08/13	3 days off campus course on EIA & Auditing for NTPC Executives.	Prof. Gurdeep Singh Dept. of ESE	14	1 week
24	2421 23/09/13 to 4/10/13	Project Management for Executives of Coal Companies	Prof. K. Mukherjee Dept. of MS	21	2 weeks
25	2385 09/09/13 to 11/10/13	Management Trainees (E & M) of CIL	Prof. A. K. Mukhopadhyay Dept. of MME	14	5 weeks
26	2386 09/09/13 to 11/10/13	Management Trainees (Excavation) of CIL	Prof. K. Dasgupta Dept. of MME	13	5 weeks
27	2314 04/10/13 – 9/10/13	Programmable Logic Controller (PLC) Programming, Applications & Troubleshooting	Dr. Sanjay Mondal Dept. of MS	30	1 week
28	2420 21/10/13 to 01/11/13	Executive on Project Management for Executives of Coal Companies.	Prof. J. K. Pattanayak Dept. of MS	26	2 weeks
29	2334 28.10.2013 to 01.11.2013	5 days off-campus Course on "Geostatistics for Reservoir Modelling and Characterization for Executives of Oil India Ltd. at OIL Duliajan, Assam	Prof. B. C. Sarkar Dept. of AGL	12	1 week
30	2346 11-11-2013 to 15.11.2013	Power Hydraulics in HEMM.	Prof. K. Dasgupta Dept. of MME	12	1 week
31	2341 21.10.2013 to 29.11.2013	Intensive Course on advances in Mine Surveying Technology	Dr. Dheeraj Kumar Dept. of ME	24	6 weeks
32	2430 11.11.2013 to 13.12.2013	Management Trainees for (Excavation) Intensive Training Course	Prof. A. K. Mukhopadhyay Dept. of MME	29	5 weeks

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks
33	2431 11.11.2013 to 13.12.2013	Management Trainees for (E & M) Intensive Training Course	Prof. A. K. Mukhopadhyay Dept. of MME	33	5 weeks
34	2428 07.1.2014 to 10.01.2014	Slickline and Wireline Operations	Prof. S. Laik Dept. of PE	17	1 week
35	2429 09.12.2013 to 20.12. 2013	Management for Executives of Coal Companies.	Prof. Pramod Pathak Dept. of MS	30	2 weeks
36	2403 30.12.2013 to 5.01.2014	Advance Power Electronics and Drives.	Prof. P. K. Sadhu Dept. of EE	32	1 week
37	2403 07-01-14 to 10-01- 2014	Slickline and Wireline Operations.	Prof. S. Laik Dept. of PE	17	1 week
38	2413 13-01-14 to 17-0- 2014	Current Mode Analog Circuitsies. From	Prof. S. K. Paul Dept. of ECE	10	1 week
39	2435 20-01-14 to 24-01-2014	Mining Equipment & Electricals	Prof. A. K. Mukhopadhyay Dept. of MME	16	1 week
39	2454 06.01.2014 to 05.04.2014	Rock Mechanics in Hard Rock Mining-Basic Rock Mechanics-some Field Applications	Prof. VMSR Murthy Dept. of ME	15	12 weeks
40	2468 03.03.2014 to 08.03.2014	Energy Management for Oil Executives	Dr. Saumya Singh Dept. of MS	18	1 week
41	2493 16.12.2013 to 17.01.2014	Management Trainees for (Excavation) Intensive Training Course	Prof. A. K. Mukhopadhyay Dept. of MME	34	5 weeks
42	2494 16.12.2013 to 17.02.2014	Management Trainees for (E & M) Intensive Training Course	Prof. A. K. Mukhopadhyay Dept. of MME	33	5 weeks

**Total value of the PDP executed during the Financial Year 2013-14: INR 888.60 Lakhs**

## D. Summary:

Total value of the projects carried forward from the Previous Financial Years	INR 808.93 Lakhs
Total value of the projects received during the Financial Year 2013-14	INR 594.64 Lakhs
Total value of the PDP executed during the Financial Year 2013-14	INR 888.60 Lakhs
<b>Total Value of the Projects carried out during the Financial Year 2013-2014</b>	<b>INR 2292.17 Lakhs</b>

## Abbreviations of the Department:

AC (Applied Chemistry), AGL (Applied Geology), AGP (Applied Geophysics), CSE (Computer Science & Engineering), 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:

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  
AWC : Advabce Welding Corporation, Dhanbad  
AVCTPL : Adani Vizag Coal Terminal Pvt. Ltd. Ahmedabad.  
BAL : Balasore Alloys Ltd., Orissa  
BCCL : Bharat Coking Coal Limited, Dhanbad  
BDMBIL : Business Development Mining BASF India Ltd.  
BIT : BIT Mesra Ranchi  
BKE : B. K. Enterprises, Dhanbad  
BSL : Blue Star Ltd., Mumbai  
BCL : Birla Corporation Ltd. Satna

CMSPL : Calcutta Mining Sealants Pvt. Ltd.  
 BKC : M/s Bimal Kr. Choudhary, Nirsa Dhanbad  
 CCL : Central Coalfield Limited, Ranchi  
 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  
 DCL : Dalmia Cement(Bharat) Ltd., Chennai  
 DDIL : Dharti Dredging & Infrastructure Ltd., Vishakhapatnam  
 DTTIPL : Deloitte Touche Tohmatsu India (P) Ltd., Secunderabad.  
 DTE : Directorate of Technical Education Govt. of MP  
 DWS : DWS Division, Hazaribagh  
 DVC : Damodar Valley Corporation  
 ECL : Eastern Coalfield Limited, Sanctoria  
 EOL : Essar Oil Ltd., Durgapur  
 ESCL : Electrosteel Castings Ltd., Kolkata  
 FACOR : Facor, Bhadrak.  
 FCIAGMIL : FCI Aravali Gypsum and Minerals India Ltd. Jodhpur.  
 GEIPL : GE India Industrial Pvt. Ltd.  
 GMDC : Gujarat Mineral Development Corporation, Ahmedabad  
 GOCL : Gulf Oil Corporation Ltd., Dhanbad  
 GIMC : Govt. of India, Ministry of Coal, New Delhi.  
 GW : Godrej Waterside, Kolkata  
 HGMCL : Hutti Gold Mines Co. Ltd., Raichur  
 HIL : Hindalco Industries Ltd. Ranchi  
 HZL : Hindustan Zinc Ltd.  
 HPCL : Hindustan Petroleum Corporation Ltd., Ranchi  
 IL : Infosys Limited, Pune  
 IPL : Indu Projects Ltd. Hyderabad  
 IDA : IDA Phase II Cherlapally Vimla Labs, 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  
 JSS : Jindal Stainless Steel, Jajpur  
 JSS : Jay Shree Shyam Enterprise, Chirkunda, Dhanbad  
 JLDMPL : Joseph Leslie Dynamiks Mfg. Pvt. Ltd. Mumbai

KCM : Khetri Copper Mine and Kolihan Copper Mine Khetri  
 KCSC : K.C. Sharma & Co., Dhanbad  
 KI : Kaphila Industries, Dhanbad  
 LWCPL : Leighton Welspun Contractors Pvt. Ltd. Gurgaon-2  
 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  
 MNDCPL : MN Dastur & CO (P) Ltd., Kolkata  
 MOIL : MOIL Ltd., Nagpur  
 MoM : Govt. of India Ministry of Mines, New Delhi.  
 GTPPL : Author Gen Technologies Pvt. Ltd., Mohali  
 HIL : Hindalco Industries Ltd., Ranchi  
 MRS : Mines Rescue Station, Dhanbad  
 MSEL : Menally Sayaji Engineering Ltd.  
 MSRT : Ministry of Shipping Road Transport, Andaman  
 NSPL : Nalwa Steel and Power Ltd., Raigarh  
 NTPC : National Thermal Power Corporation  
 NCL : Northern Coalfield Limited  
 NTB : New Techsol, Bangalore  
 OSPB : Orissa State Pollution Board, Orissa  
 PCMEC : Parbatpur Coal Mine of Electrosteel Castings Ltd.  
 PEL : Premier Explosives Ltd. Secunderabad.  
 PIL : Prakash Industries Ltd., Janjgit Champa(CG)  
 PTPP : Parichha Thermal Power Project Parichha, Jhansi  
 PUPL : Pre-Stressed Udyog (India) Pvt. Ltd., Dhansar, Dhanbad  
 PSML : Pursh Steels & Mining (P) Ltd.  
 PSDL : Pursuit Software Development (P) Ltd.  
 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  
 QCD : Quality Control Deptt. Kolkata  
 REL : Revathi Equipment Ltd., Coimbatore  
 RCL : Rodic Contents Ltd., Ranchi  
 RL : Rites Ltd.  
 RRP : Rescue Room, Patherkhera Area  
 RSS : Rik Sales & Services, Asansol

SA : Sorabh Automobiles Dhanbad  
SAFL : Sri Aurobindo Fuels Ltd., Dhanbadg  
SAIL : Steel Authority of India Limited  
SCCL : Singareni Collieries Company Ltd.  
SCIPL : Superintendence Co of India (P) Ltd.  
SECL : South Eastern Coalfield Ltd.  
SEL-GKC : SEL-GKC (JV), Dhanbad  
SGSIPL : SGS India Pvt. Ltd., Kolkata  
SPJSML : SPJ Steel at Mineral Ltd., Bhopal.  
SSGL : Sesa Goa Ltd., Chitradurga  
SSSEPL : Swati Safe Secure Equipments. Pvt. Ltd., Mumbai  
SU : Shanti Udyog, Dhanbad  
SVFU : Sri Venkateshwara Fibre Udyog, Bangalore.  
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