

## PROJECTS EXECUTED DURING FINANCIAL YEAR 2016-17

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

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
1.	0023	Mine air Analysis of CCL	Prof. D. D. Pathak	AC	CCL
2.	0028	Mine air Analysis of CCL, Karo Special Project Bokaro Thermal.	Prof. D. D. Pathak	AC	CCL
3.	0035	Mine air Analysis of CCL	Prof. D. D. Pathak	AC	CCL
4.	0056	Mine Air analysis of CCL, Hazaribag Area (Kedla Underground Project).	Prof. D. D. Pathak	AC	CCL
5.	0062	Modeling and simulation studies for designing the ventilation system of Peddapetta 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 peddapetta shaft Block Project.	Prof. D. C. Panigrahi	ME	SCCL
13.	0325	Analysis and interpretation of mine air samples for assessing the states of fire and general environment in Ghusik ® Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL

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14.	0433	Modeling of 5 inch stub cyclone treating Iron Ore Fines.	Prof. N. Suresh	ESE	TIPL
15.	0476	Insitu test of Toe-wall side of Katri River near Ramkanali Colliery,	Shri P. K. Behera	ME	BCCL
16.	0704	Evaluation of performance and behaviour of gas detectors, and analysis and interpretation of mine air sample of Lodna Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
17.	0770	Analysis of Coal, Jhama, Rangi Jhama,	Prof. V. K. Saxena	FME	SAIL
18.	0777	Mine Air analysis of Kedla U/G Project, CCL Hazaribag.	Dr. M. Yadav	Chemistry	CCL
19.	0778	Representation of EMPs for NCPH UG and Kuracia OC Mines of Chirimiri Area of SECL as per EIA Notification – 2006	Prof. Gurdeep Singh	ESE	SECL
20.	0898	Evaluation of performance and behaviour of gas detectors of Murlidih 20/21 pits colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
21.	0922	Mine Air Analysis of Karo Special Project Ph-II, CCL. Bokaro Thermal Bokaro.	Dr. M. Yadav	Chemistry	CCL
22.	0925	Rehabilitation of Jharia - Mine Survey in the area of Fire Zone area of Jharia Coalfields	Prof. Gurdeep Singh	ESE	JRD
23.	0962	Building Institutional Capacity for Sustainable Environment and Social Management in Mining Sector in Afghanistan	Prof. Gurdeep Singh	ESE	MM
24.	0969	Evaluation of performance and behaviour of gas detectors of Sudamdih Incline Mine, E.J. Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
25.	0975	Documentation of the Thematic Cluster of Mining As per CSD Guidelines.	Prof. Gurdeep Singh	ESE	MOEF
26.	1077	Evaluation of performance and behaviour of gas detectors of East Basseria Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
27.	1086	Evaluation of performance and behaviour of gas detectors of Kuja Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
28.	1104	Evaluation of performance and behaviour of gas detectors	Prof. D. C. Panigrahi	ME	BCCL
29.	1245	Scientific study to design the construction of dam in the U/G Mine	Shri P. K. Behera	ME	BCCL

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30.	1253	Evaluation of Performance and Behavior of gas detectors of Bastacola Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
31.	1284	Evaluation of Performance and Behavior of gas detectors of Barmonditia (A) Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
32.	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
33.	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
34.	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
35.	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
36.	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
37.	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
38.	1333	Preparation of pre-feasibility from I Report for Coal washery of Kaphila Industries	Prof. Gurdeep Singh	ESE	KI
39.	1394	Evaluation of Performance and Behaviours of gas detectors of Katras Area	Prof. D.C. Panigrahi	ME	BCCL
40.	1418	Determination of Compressive Strength and Anchorage Strength of Cement Capsules.	Shri P K Behra	ME	BCCL
41.	1467	Determination of Compressive and Anchorage Strength of quick Setting Cement Capsules of ECL	Shri P.K. Behera	ME	ECL
42.	1483	Pressure-Quantity Survey of Argada Colliery	Prof. D.C. Panigrahi	ME	CCL
43.	1484	Pressure-Quantity Survey of Roy Bachra Colliery	Prof. D. C. Panigrahi	ME	CCL

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44.	1485	Pressure-Quantity Survey of Roy Bachra Colliery	Prof. D. C. Panigrahi	ME	CCL
45.	1486	Pressure-Quantity Survey of Roy Bachra Colliery	Prof. D. C. Panigrahi	ME	CCL
46.	1497	Evaluation of Performance and Behaviour of gas detectors of Pathekhera Colliery	Prof. D. C. Panigrahi	ME	WCL
47.	1504	Determination of Compressive and Anchorage Strength of quick setting cement capsule of Bera Colliery	Shri P. K. Behera	ME	BCCL
48.	1565	Evaluation of Performance and Behaviour of gas detectors of Rampur Sub Area.	Prof. D C Panigrahi	ME	MCL
49.	1575	Evaluation of Performance and Behaviour of gas detectors of Topa Colliery	Prof. D C Panigrahi	ME	CCL
50.	1627	Determination of Some Physical and Chemical Properties of quick Setting Cement Capsules of Phularitand Colliery	Prof. D. C. Panigrahi	ME	BCCL
51.	1647	Socio-Economic Survey of Fire and Land Subsidence Affected Areas of Jharia Coalfield.	Prof. Chandan Bhar	MS	BCCL
52.	1673	Analysis and Interpretation of Mine air Samples	Prof. D. C. Panigrahi	ME	CIMFR
53.	1697	Evaluation of Performance and Behavior of gas detectors of Dabor Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
54.	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
55.	1734	Analysis and Interpretation of air samples of Kunustoria Area ECL.	Prof. D. C. Panigrahi	ME	ECL
56.	1737	Evaluation of performance and Behaviour of gas detectors Pench Area, WCL	Prof. D. C. Panigrahi	ME	WCL
57.	1741	Analysis and Interpretation of air samples of Swati Safe Services Pvt. Ltd.	Prof. D. C. Panigrahi	ME	SSSEPL
58.	1747	Evaluation of performance and behavior of gas detectors Bejdih Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
59.	1767	Evaluation of Performance and Behavior of gas detectors of Khottadih Colliery	Prof. D. C. Panigrahi	ME	ECL

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60.	1779	Evaluation of Performance and Behaviour of gas detectors of Hirakhand Bundia Mine MCL	Prof. D. C. Panigrahi	ME	MCL
61.	1795	Determination of Cerchar Hardness Index and Cerchar Abrasibility Index of Some rock Samples.	Prof. VMSR Murthy	ME	CIMFR
62.	1806	Evaluation of Performance and Behavior of gas detectors of Ramnagar Sub Area SECL	Prof. D. C. Panigrahi	ME	SECL
63.	1815	Rapid EIA/EMP for Dungri-Petia Sand Leases, Tata Steel	Dr. Biswajit Paul	ESE	TSL
64.	1816	Rapid EIA/EMP for Tetangabad Sand Leases, Tata Steel	Dr. Biswajit Paul	ESE	TSL
65.	1822	Evaluation of Performance and Behaviors of gas detectors of Bhelatand A Colliery	Prof. D. C. Panigrahi	ME	TSL
66.	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
67.	1865	Evaluation of Performance and Behavior of gas detectors of Roy Bachra Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
68.	1872	Evaluation of Performance and Behavior of gas Begunia Project BCCL	Prof. D. C. Panigrahi	ME	BCCL
69.	1877	Analysis and Interpretation of Mine air Samples of Bhelatand A Colliery Tata Steel Ltd.	Prof. D. C. Panigrahi	ME	TSL
70.	1894	Evaluation of Performance and Behavior of gas detectors of Bastacola Colliery	Prof. D. C. Panigrahi	ME	BCCL
71.	1899	Determination of Cerchar hardness Index and Cerchar Abrasivity Index of Some rock samples.	Prof. VMSR Murthy	ME	CIMFR
72.	1900	Determination of Cerchar Hardness and Abrasivity Index of some rock samples.	Prof. VMSR Murthy	ME	CIMFR
73.	1902	Determination of Cerchar Hardness and Abrasivity Index of some rock samples.	Prof. VMSR Murthy	ME	CIMFR
74.	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

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75.	1937	Evaluation of Performance and Behavior of gas detectors Many Enterprise, Dhanbad	Prof. D.C. Panigrahi	ME	ME
76.	1938	Evaluation of Performance and Behavior of gas detectors Brijuri Colliery	Prof. D. C. Panigrahi	ME	SECL
77.	1955	Preparation of Environmental Management Report for DVC Mines.	Dr. B. Paul	ESE	DVC
78.	1973	Evaluation of Performance and behavior of Mine Safety Instruments of Murulidih Colliery	Prof. D. C. Panigrahi	ME	BCCL
79.	1976	Analysis and Interpretation of Mine air Sample of Chapapur Colliery	Prof. D. C. Panigrahi	ME	ECL
80.	1989	Off-Campus on Best Blasting practices for improved Productivity in U/G Metal Mines for HZL Executives	Dr. A. K. Mishra	ME	HZL
81.	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
82.	2023	Evaluation of Performance and Behavior of Chandrapur Area WCL.	Prof. D. C. Panigrahi	ME	WCL
83.	2028	Evaluation of Performance and Behavior of Ventilation and Safety instruments of Rajur Incline WCL.	Prof. D. C. Panigrahi	ME	WCL
84.	2033	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bhawra(W) Colliery.	Prof. D. C. Panigrahi	ME	BCCL
85.	2046	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Talcher Colliery, MCL.	Prof. D. C. Panigrahi	ME	MCL
86.	2047	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Dhori Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
87.	2051	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Dhansar Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
88.	2055	Technical Advisory on setting up of Coal Washery - Phase - A	Prof. S. Bhattacharya	FME	DTTIPL
89.	2059	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Alkusa Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
90.	2067	Analysis of Coal Sample of Washed Coal (Power) of Mahuda Coal Washery	Prof. V. K. Saxena	FME	BCCL

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91.	2072	Evaluation of performance and Behavior of gas detectors and Analysis and Interpretation of air Samples.	Prof. D. C. Panigrahi	ME	JNIL
92.	2076	Evaluation of Performance and Behavior of gas detectors of Bankala Area.	Prof. D. C. Panigrahi	ME	ECL
93.	2096	Evaluation of Performance and Behavior of ventilation and Safety Instruments of Bussereya Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
94.	2109	Development of Mine Air Colling Systems for Mines, Blue Star Ltd.	Prof. D. C. Panigrahi	ME	BSL
95.	2116	Study of Illegal Mines in CIL Subsidiaries (ECL, BCCL, CCL).	Dr. Biswajit Paul	FME	CIL
96.	2117	Study to Evaluate the Schemes of Science and Technology Program of Ministry of Mines.	Prof. U. K. Singh	ME	MoM
97.	2144	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kumardhubi Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
98.	2160	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bartunga Colliery, SECL.	Prof. D. C. Panigrahi	ME	SECL
99.	2165	Solid Waste Management Plan & Activity for 3 years Jan, 13 to Dec. 2015. 4	Prof. S.K. Maiti	ESE	NSPL
100.	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
101.	2184	Analysis and Interpretation of air Samples of Hariazam Colliery ECL.	Prof. D. C. Panigrahi	ME	ECL
102.	2187	Evaluation of Performance and Behavior of Safety instrument of Dobar Colliery Bastacola Area BCCL.	Prof. D. C. Panigrahi	ME	BCCL
103.	2188	Evaluation of Performance and behavior of Safety instruments and air sample analysis of Amalgamatod Angarapathara Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
104.	2192	Evaluation of Performance and Behavior of Safety Instruments of Hurriladih Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
105.	2193	Evaluation of Performance and Behavior of Safety Instruments and air Sample Analysis of Badgna Colliery ECL.	Prof. D. C. Panigrahi	ME	BCCL

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106.	2194	Evaluation of Performance and Behavior of gas detectors of Silewar Sub Area, WCL.	Prof. D. C. Panigrahi		WCL
107.	2210	Repid EIA/EMP for Sand Lease of Tata Steel, Kunji.	Dr. Biswajit Paul	ESE	TSL
108.	2211	Rapid EIA/EMP for Sand Lease of Tata Steel - Dungri & Bhowrah.	Dr. Biswajit Paul	ESE	TSL
109.	2212	Rapid EIA/EMP for Sand Lease of Tata Steel - Mohulbani & Gourkhuti	Dr. Biswajit Paul	ESE	TSL
110.	2213	Rapid EIA/EMP for Premsinghdih Sand Lease of Tata Steel	Dr. Biswajit Paul	ESE	TSL
111.	2215	Analysis and interpretation of air Samples of Sandra Bansjora Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
112.	2227	Coal Sample Analysis work for CHNS	Prof. V. K. Saxena	FME	SGSIPL
113.	2239	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Gopalichuk, BCCL	Prof. D. C. Panigrahi	ME	BCCL
114.	2259	Evaluation of Performance and Behavior of Safety Instruments Analysis and Interpretation air Samples of Barraree Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
115.	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
116.	2262	Analysis and Interpretation of air samples of Shaft Mine Sudamdih, BCCL	Prof. D. C. Panigrahi	ME	BCCL
117.	2264	Evaluation of Performance and Behavior of Safety Instruments of Bhowrah South Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
118.	2274	Testing of LDO for SAIL, IISCO Steel Plant	Dr. T. K. Naiya	PE	SAIL
119.	2275	Subsidence Study of Khetri Copper Mine & Kolihan Copper Mine of Khetri Copper Complex Rajasthan	Dr. Dheeraj Kumar	ME	KCM
120.	2277	Evaluation of Performance and Behavior of Ventilation and safety Instruments of Sudamdih Shaft Mine, BCCL	Prof. D. C. Panigrahi	ME	BCCL



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121.	2280	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Basantimata Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
122.	2286	Evaluation of Performance and Behavior of Safety Instruments of Jayrampur Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
123.	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
124.	2297	Evaluation of Performance and Behavior of gas detectors of Dabor Colliery	Prof. D. C. Panigrahi	ME	ECL
125.	2301	Evaluation of Performance and Behavior of gas detectors of Chinakuri Mine No.1,	Prof. D. C. Panigrahi	ME	ECL
126.	2302	Evaluation of Performance and Behavior of gas detectors of Jharia UG Mine and Malga Colliery Hasdeo Area	Prof. D. C. Panigrahi	ME	SECL
127.	2304	Analysis and Interpretation of air Samples of North Tisra Colliery	Prof. D. C. Panigrahi	ME	BCCL
128.	2305	Analysis and Interpretation of air Samples of Lodna Colliery	Prof. D. C. Panigrahi	ME	BCCL
129.	2311	Evaluation of Performance and Behavior of gas detectors MRS Dhansar Dhanbad	Prof. D. C. Panigrahi	ME	BCCL
130.	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
131.	2313	Analysis and Interpretation of air Samples of Hingiri Rampur Colliery, MCL	Prof. D. C. Panigrahi	ME	MCL
132.	2315	Preparation of Environmental Management Report for DVC Mines.	Dr. Biswajit Paul	ESE	DVC
133.	2322	Evaluation of performance and Behavior of Ventilation and Safety instruments of RIK Sales	Prof. D. C. Panigrahi	ME	RS
134.	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

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135.	2339	Evaluation of Performance and Behavior of Safety Instruments of Rescue Room, Surakachha-Balgi Sub Area, WCL	Prof. D. C. Panigrahi	ME	WCL
136.	2340	Conducting Workshop on Role & Responsibility of HR Personnel in Coal Industry	Dr. Saumya Singh	MS	NCL
137.	2344	Design of Mechanised System of stoping for Ukwa Mine of MOIL	Prof. U. K. Singh	ME	MOIL
138.	2356	Evaluation of Sustainable Development Project of ECL under MOU 2013-13 (First Phase)	Dr. P. K. Singh	ESE	ECL
139.	2361	Evaluation of Performance and Behaviour and Safety Instruments of Malga Colliery and Jharia Colliery SECL	Prof. D. C. Panigrahi	ME	SECL
140.	2368	Join Development Activities Between ISM and BASF India Ltd. Mumbai for Introduction of Chemical Technology in Ventilation/Water/Gas Seepage/Fire Isolation in Mines	Prof. D. C. Panigrahi	ME	BDMBIL
141.	2369	Evaluation of Performance and Behavior of Ventilation and Safety equipments, and Analysis and Interpretation of Air Samples of Sendra Bvansjora Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
142.	2371	Environmental Monitoring by Third Party	Dr. S. K, Gupta	ESE	NTPC.
143.	2372	Functional Ability tests of Self Rescuers of Baikunthapur Area Bilaspur, SECL	Prof. D. C. Panigrahi	ME	SECL
144.	2375	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kuya Colliery	Prof. D. C. Panigrahi	ME	BCCL
145.	2376	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Salanpur Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
146.	2383	Geological and Geophysical Surveys in and Around the Proposed Atleged Gold Treasure Sites in UP	Prof. Atul Kr. Verma	AGL	PSMSMAM FP
147.	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
148.	2392	Disaster management Plan for Coking Coal Washery.	Dr. Biswajit Paul	ESE	TSL

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149.	2394	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Haldibari Colliery Hansdeo Area SECL	Prof. D. C. Panigrahi	ME	SECL
150.	2404	Evaluation of Performance and Behavior of Ventilation and Safety Instruments West Jhagorakhand Colliery Hasdeo Area SECL	Prof. D. C. Panigrahi	ME	SECL
151.	2405	Evaluation of Performance and Behavior of Ventilation and Safety Instruments PENCH Area WCL	Prof. D. C. Panigrahi	ME	WCL
152.	2407	Evaluation of Performance and Behavior of Ventilation and Safety Instruments Murlidih 20/21 pits Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
153.	2410	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Patherkhera Area, WCL	Prof. D. C. Panigrahi	ME	WCL
154.	2414	Analysis and Interpretation of air Samples of Premier Explosives Ltd.	Prof. D. C. Panigrahi	ME	PEL
155.	2415	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Govindpur Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
156.	2417	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bussereya Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
157.	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
158.	2436	Determination of some physical and Chemical properties of quick setting cement capsule of Katras Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
159.	2438	Evaluation of performance and behavior of Ventilation and safety instruments of Argada Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
160.	2440	Facilitating the process of conducting Risk Assessment in underground workings of Parbalpur Mine under Electrosteel Casting limited.	Dr. R. M. Bhattacharjee	ME	PMEC
161.	2441	Setting up suitable Municipal solid waste management Technique	Dr. S.R. Samaddar	ESE	NMDC
162.	2456	DPR Preparation for proposed college of Engineering at Singrauli, MP	Dr. A. K. Mishra	ME	DTE
163.	2464	Analysis of Interpretation of air Samples of Parbatpur Colliery Electrosteel Castings Ltd.	Prof. D. C. Panigrahi	ME	PC E C

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164.	2474	Field Investigations Modelling and Simulation Studies for designing Ventilation System of Noonudih-Jitpur Colliery Phase - II	Prof. D. C. Panigrahi	ME	BCCL
165.	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
166.	2489	Testing of Coal samples.	Prof. N. R. Mandre	FME	BCCL
167.	2491	Size Analysis Using Cyclosizer	Mr. Anand Anupam	FME	CDE
168.	2492	Environmental Evaluation for Opencast and Underground Feasibility for Parso Block, CSPGL, AEL	Dr. Biswajit Paul	ESE	PCL
169.	2498	Determination of CPT, IPT and Moisture Content of Coal Samples Shankarpur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
170.	2510	Analysis and Interpretation of air Samples of Bagdigi Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
171.	2522	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Kurja UG Mine, Hansdeo Area SECL.	Prof. D. C. Panigrahi	ME	SECL
172.	2525	Proximate Analysis of Wash Coal (Power) Samples	Prof. S. Bhattacharya	FME	BCCL
173.	2529	Testing of Geotechnical and Environmental Parameters of LD/BF Slag for Stowing Purpose.	Dr. Biswajit Paul	ESE	TSL
174.	2537	Collection of Raw Coal Sample for Kulda OCP and Analysis of Heavy Metales in Raw Coal Washed Coal and Raject	Prof. Gurdeep Singh	ESE	MCL
175.	2538	Proximate Analysis and GCV Estimation of Damoda Colliery Coal Sample	Prof. N. Suresh	FME	MCL
176.	2545	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Advance Welding Corporation Dhanbad	Prof. D. C. Panigrahi	ME	AWCL
177.	2546	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Talchar Colliery, MCL	Prof. D. C. Panigrahi	ME	MCL
178.	2565	Field Investigations Modelling and Simulation Studies for designing Ventilation System of Rajpura Darioba Mines HZL (2nd years)	Prof. D. C. Panigrahi	ME	HZL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
179.	2566	Evaluation of Performance and Behavior of Safety Instruments Mine Rescue Room, Parasia WCL	Prof. D. C. Panigrahi	ME	WCL
180.	2577	Evaluation of Performance and Behavior of Safety Instruments Salanpur Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
181.	2578	Evaluation of Performance and Behavior of Safety Instruments Bhagaband Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
182.	2580	Characterization of Phosphate fines and Associated test work for Flowsheet.	Dr. S. Bhattacharya	FME	PUM
183.	2584	Evaluation of Performance and Behavior of Safety Instruments of Mekon International.	Prof. D. C. Panigrahi	ME	MIL
184.	2594	Evaluation of Performance and Behavior of Safety Instruments of Moonidih Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
185.	2602	Evaluation of Performance and Behavior of Safety Instruments Sudamdih Incline mine BCCL	Prof. D. C. Panigrahi	ME	BCCL
186.	2603	Scientific Study for delineation of fire at Gaslitand mine for Safety of Adra Gomo South Eastern Railway Line, BCCL	Prof. D. C. Panigrahi	ME	BCCL
187.	2605	Evaluation of Performance and Behavior of Safety Instruments of Palkimara Incline SECL	Prof. D. C. Panigrahi	ME	SECL
188.	2606	Analysis and Interpretation of air Samples of Kumardhubi Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
189.	2620	Evaluation of Performance and Behavior of Safety Instruments of Badjna Colliery and Chinakuri Mine No.III ECL	Prof. D. C. Panigrahi	ME	ECL
190.	2630	Evaluation of Performance and Behavior of Safety Instruments of Amalgamated Keshalpur West Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
191.	2633	Evaluation of Performance and Behavior of Safety Instruments of Simlabahal Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
192.	2642	Washability Studies on Some of the CCL Colliery Coal Sample.	Prof. N. Suresh	FME	SAIL/CCSO
193.	2644	Testing of Coal Samples	Dr. Shalini Goutam	FME	BCCL
194.	2645	Testing of Coal Samples	Dr. Shalini Goutam	FME	ECL
195.	2648	A Study of fire on Dhanbad - Chandrapura Railway Line at Sendra Bansjora Colliery and Suggestion of Precautionary Measures there of Sijua Area, BCCL.	Prof. D. C. Panigrahi	ME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
196.	2650	Calibration of Force Measuring device of Pre-Stressed Udyog (India) Pvt. Ltd.	Dr. A. K. Mishra	ME	PUPL
197.	2658	Determination of Some Physical and Chemical Properties of quick Setting Cement Capsule of Moonidih Project, BCCL	Prod. D. C. Panigrahi	ME	BCCL
198.	2659	Determination of Compressive and Anchorage Strength of quick Setting Cement Capsule of Moonidih Project, BCCL	Dr. A. K. Mishra	ME	BCCL
199.	2663	Evaluation of Performance and Behavior of Safety Instruments of MRS Sitarampur, ECL	Prof. D. C. Panigrahi	ME	ECL
200.	2672	Scientific Study to Suggest blast design for controlling blast induced vibration flying fragments and Blasting in fire areas in the vicinity of inhabited Area at Ena Colliery Kusunda area, BCCL	DR. A. K. Mishra	ME	BCCL
201.	2674	Impact of Mining Activities on Hydrology and Hydrogeology of Core Zone Covering all 5 underground Mines of Tata Steel.	Dr. S. K Gupta	ESE	TSL
202.	2675	Monitoring of Environmental Parameters in Respect of (i) Stack Emission test (ii) Effluent discharge test (iii) Ambient air quality test (iv) Noise level Measurement for unit 1,2,3,7 & 8 DVC CTPS Chandrapura	Dr. S. K. Gupta	ESE	DVC
203.	2677	Evaluation of Performance and Behaviour of Safety Instruments as given by Sodepur® Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
204.	2680	Evaluation of Performance and Behavior of Safety Instruments as given by Amalgamated Angra Pathra Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
205.	2691	Evaluation of Performance and Behavior of Safety Instruments of Kajora Area, ECL	Prof. D. C. Panigrahi	ME	ECL
206.	2694	Evaluation of Performance and behavior of safety of Lakhimata Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
207.	2695	Evaluation of Performance and Behavior of Safety Instruments of Shyampur B. Incline , ECL	Prof. D. C. Panigrahi	ME	ECL
208.	2696	Function ability test of Self Rescuers of Tipong Colliery, NECL	Prof. D. C. Panigrahi	ME	NECL
209.	2697	Analysis and Interpretation of Mine air Samples of Jarangdih UG Mine, CCL	Prof. D. C. Panigrahi	ME	CCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
210.	2700	Testing of Water Samples Around Rajrappa Area	Mr. Brijesh Kumar	ESE	HIL
211.	2702	Evaluation of Performance and Behaviour of safety Instruments of Bararee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
212.	2705	Monitoring of Environmental Parameters in respect of Ambient air Stack Monitoring Noise Level and effluent discharge of BTPS'B	Dr. Alok Sinha	ESE	DVC
213.	2711	Evaluation of Performance and Behavior of Safety Instruments of Parbatpur Colliery Electrosteel Castings Ltd.	Prof. D. C. Panigrahi	ME	ECL
214.	2718	Evaluation of Performance and Behavior of Safety Instruments of Pootkee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
215.	2720	Evaluation of Performance and Behavior of Safety Instruments of Kankanee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
216.	2726	Evaluation of performance and behavior of safety instruments of ADI Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
217.	2727	Evaluation of performance and behavior of safety instruments of Kumardhubi Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
218.	2729	Analysis and Interpretation of air Samples of Kumardhubi Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
219.	2736	Testing of Coal Samples	Sri Shravan Kumar	FME	UML
220.	2737	Testing of Coal Samples	Prof. N. R. Mandre	FME	AKALPL
221.	2738	Determination of some Physical and Chemical Properties of quick setting cement capsule of BSI Kargil UG Mine, B & K Area, CCL	Prof. D. C. Panigrahi	ME	CCL
222.	2739	Determination of Compressive and Anchorage Strength of quick setting cement capsule of BSI Kargil UG Mine B & K Area, CCL	Dr. A. K. Mishra	ME	CCL
223.	2745	Evaluation of performance and behavior of safety instruments of Rescue Room, Urimari, CCL	Prof. D. C. Panigrahi	ME	CCL
224.	2746	Evaluation of performance and behavior of safety instruments of Mekon International, Dhanbad	Prof. D. C. Panigrahi	ME	MK
225.	2753	Testing of Coal Samples.	Prof. N. R. Mandre	ME	AKALPL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
226.	2755	Evaluation of Performance and behavior of safety instruments of Somna Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
227.	2757	Evaluation of performance and behavior of safety instruments of Moonidih Project, BCCL	Prof. D. C. Panigrahi	ME	BCCL
228.	2759	Evaluation of performance and behavior of safety instruments of Burragarh Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
229.	2760	Determination of RMR of III Seam Incline of Salanpur Colliery, BCCL	Dr. A. K. Mishra	ME	BCCL
230.	2762	Compressive strength testing of RCC tramline sleeper.	Dr. A. K. Mishra	ME	BM
231.	2763	Evaluation of performance and Behavior of Ventilation and Safety instrumentations of Saunda D. Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
232.	2764	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Saunda D Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
233.	2766	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Narsamunda Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
234.	2769	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Tawa Mine, WCL	Prof. D. C. Panigrahi	ME	WCL
235.	2770	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Sarni Mine, WCL	Prof. D. C. Panigrahi	ME	WCL
236.	2773	GCV Determination of Coal Sample and analysis of magnetite content, BCCL	Prof. N. R. Mandre	FME	BCCL
237.	2778	Preparation of Environmental Statement in DVC Bermo Mines	Dr. Biswajit Paul	ESE	DVC
238.	2779	Calibration of Force Measuring device.	Dr. A. K. Mishra	ME	MUVA.
239.	2780	Scientific Studies to Ascertain Capability of roof at R-II/II Seam of Khotadih Colliery and to Suggest Suitable Method for Extraction of Pillars by Continuous Miner or by LHD.	Prof. U. K. Singh	ME	ECL
240.	2787	Evaluation of performance and behavior of safety instruments of Jhanjra Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
241.	2791	Evaluation of Performance and Behavior of Safety Instruments of Jarangdih UG Mines, CCL	Prof. D. C. Panigrahi	ME	CCL



Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
242.	2793	Analysis of Ambient air Sample and Water Sample from Main Mine discharge of Bararee Colliery, BCCL	Dr. B. K. Mishra	ESE	BCCL
243.	2794	Technical Consultancy for Wastewater Management and Control of Water Pollution from plant and Mines of Kirandul Complex	Dr. S. K. Gupta	ESE	NMDC
244.	2641	Subsidence monitoring at Essar Raniganj CBM Block at Durgapur (RG(E)-CBM-2001/1 Block	Dr. Dheeraj Kumar	ME	ESSAR
245.	2797	Testing of Dust Bond (OC)	Prof. S. K. Maiti	ESE	CMSPL
246.	2798	Testing of Dust Ioniser (HR)	Dr. S. R. Samadder	ESE	PVR
247.	2799	Scientific study for blast vibration Measurement on quarterly basis for 2014-15 at Rajapur OCP	Dr. A. K. Mishra	ME	BCCL
248.	2800	Determination of Specific gravity of Coal Seam I, II and III of Amalgamated NTST Colliery	Dr. Shalini Goutam	FME	BCCL
249.	2802	Testing of Coal Samples	Prof. N. R. Mandre	FNE	ECL
250.	2803	Testing of Coal Samples	Shri Sharvan Kumar	FNE	AKALPL
251.	2805	To Study Blast Induced Ground Vibration, Fly rock and Noise due to blasting Operation at Dobari Colliery BCCL in the Vicinity of Inhabited Area.	Dr. A.K. Mishra	ME	BCCL
252.	2807	Geotechnical lab testing of drill core samples from RA mine HZL.	Dr. A. K. Mishra	ME	HZL
253.	2808	Evaluation of performance and Behavior of Safety Instruments of Sodepur (R) Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
254.	2811	Evaluation of Performance and Behaviour of Safety Instruments of Loyabad Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
255.	2813	Determination of Crushability Index and Bonds ball Mill Work Index for grinding and abrasion characteristics of the Iron Ore Samples from DMT Consulting (P) Ltd.	Prof. Vinod P. Sinha	ME	DMT CPL
256.	2821	Evaluation of Performance and Behavior of Safety Instruments of Bararee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
257.	2822	Evaluation of Performance and Behavior of 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	Consultant In-Charge in the Deptt.	Sponsoring Organization
258.	2823	Evaluation of Performance and Behavior of Safety Instruments of MRS Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
259.	2824	Investigation into degree of gassiness of XV Seam KB 10/12 Pits Colliery, PB area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
260.	2825	Determination of Specific gravity of Coal Sample of Seam No.11 of Rani Atari U/G Mine Chirimiri Area, SECL	Prof. D. C. Panigrahi	ME	SECL
261.	2830	Analysis of Coal Sample	Prof. V. K. Saxena	FME	CCO
262.	2831	To suggest blast for controlled blasting and study of blast induced ground vibration due to blasting operation at OC Patch II of Gaslitand Colliery, BCCL	Prof. A. K. Mishra	ME	BCCL
263.	2819	Determination of Striping ratio of Laikdih Quarry of Ramnagar Colliery, SAIL	Dr. Dheeraj Kumar	ME	SAIL
264.	2834	Evaluation of performance and behavior of safety instruments of Damoda Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
265.	2841	Evaluation of Performance and Behavior of Mine Safety Instruments of Patherkhera Area, WCL	Prof. D. C. Panigrahi	ME	WCL
266.	2843	Testing of Cook Stove Prototype	Prof. V. K. Saxena	FME	NEERI
267.	2844	Testing of Coal Sample	Prof. N. R. Mandre Shri Shravan Kumar	FME	KCSC
268.	2845	Testing of Coal Sample	Shri Shravan Kumar Prof. N. R. Mandre	FME	AKALPL
269.	2850	Analysis and Interpretation of Mine air Samples of Kunustoria Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
270.	2852	Analysis and Interpretation of Mine air Samples of Chapapur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
271.	2853	Monitoring of Underwater Drilling and Blasting Process for controlling Ground Vibration and Air over pressure During the Deepening of the Entrance Channel	Prof. VMSR Murthy	ME	VPT
272.	2854	Load Convergence Monitoring of Supports a LW Panel D12 Moonidih Project, BCCL	Prof. U. K. Singh	ME	BCCL
273.	2855	Delivering Lectures at SECL Bilaspur Workshop on Risk Management 26 - 27 March, 2015	Prof. R. M. Bhattacharjee	ME	SECL
274.	2856	Delivering Lectures at DGMS Workshop on Risk Assessment and Safety Management Plan Development at Bangalore 17 - 19 Dec., 2014	Prof. R. M. Bhattacharjee	ME	DGMS

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
275.	2857	Evaluation of Performance and Behavior of Mine Safety Instruments of Khotadih Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
276.	2859	Evaluation of Performance and Behavior of Mine Safety Instruments of Lohapati Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
277.	2865	Evaluation of performance and behavior of mine safety instruments of Kendra Area, ECL	Prof. D. C. Panigrahi	ME	ECL
278.	2869	Scientific Study for Assessing the Stability of the U/G Workings Developed under the low Cover and Beneath the Surface Structures at Mahakali Colliery with A Recommendation for Method of Stabilization.	Shri P. K. Behera Prof. U. K. Singh Dr. B. S. Choudhuri	WCL	ME
279.	2872	Conducting Scientific study to Establish Safe Maximum charges/Delay and Blasting Pattern vis a vis within 100 of Building in Respect of Hired OC Patch A of Katras Choitodih Colliery Katras Area, BCCL.	Prof. VMSR Murthy Dr. B.S. Choudhuri	BCCL	ME
280.	2875	Evaluation of Performance and Behavior of Mine Safety Instruments of Murpar U/G Mine WCL	Prof. D. C. Panigrahi	WCL	ME
281.	2878	Proximate and Ultimate Analysis of Coal Samples	Prof. V. K. Saxena	FME	DVC
282.	2880	Evaluation of Performance and Behavior of Mine Safety Instruments of K.B. Colliery, BCCL.	Prof. D. C. Panigrahi	NE	BCCL
283.	2883	Investigation into degree of Gassiness of RVIII (Bottom) of Moira Colliery, Bankola Area, ECL	Prof. D. C. Panigrahi	NE	ECL
284.	2884	Evaluation of Performance and Behavior of Mine Safety Instruments of Lakhimata Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
285.	2885	Analysis and Interpretation of Mine air Samples of Lakhimata Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
286.	2887	Evaluation of Performance and Behavior of Mine Safety Instruments of Sayal-D Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
287.	2888	Assessment of Talabira-1 Working as per Mine Plan and Mine Closure Plan	Dr. Biswajit Paul Prof. S. K. Maiti	ESE	HIL
288.	2889	Testing of Coal Samples	Dr. B. K. Nandi Shri S. Soren	FME	CCO
289.	2890	Proximate and Ultimate Analysis of Coal Samples	Prof. V. K. Saxena	FME	MTPS
290.	2891	Evaluation of Performance and Behavior of Mine Safety Instruments of Katras Chotudih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
291.	2892	Determination of Some Physical and Chemical Properties of quick Setting Cement Capsule of Lueky Fuel & Binder Enterprises	Prof. D. C. Panigrahi	ME	LFBE
292.	2893	Determination of Comprissive and Anchorage Strength of quick Setting Cement Capsules of Lucky Fuel & Binder Enterprises	Prof. A. K. Mishra	ME	LFBE
293.	2895	Certification by ISM, Dhanbad for Work done Under Mine Closure Plan of Dharmasthal Coal Project of M/s BLA Industries (P) Ltd.	Prof. Phalguni Sen Dr. Dheeraj Kumar Dr. Biswajit Paul	ME	BLAIL
294.	2897	Analysis of Coal Samples Provided by BGR Mining	Dr. Shalini Goutam	.FME	BGRM
295.	2902	Determination of Specific gravity of Coal Seam I, II and III of Amalgamated NT-ST Colliery Patch E	Dr. Shalini Gautam Shri Anand Anupam	FME	BCCL
296.	2903	Analysis and Interpretation of Mine air Samples and Determination of Crossing and Ignition Point Temperature of Coal Samples.	Prof. D. C. Panigrahi	ME	CCL
297.	2904	Evaluation of Performance and Behavior of Mine Safety Instruments of Ghusic ® Colliery ECL.	Prof. D. C. Panigrahi	ME	ECL
298.	2905	Evaluation of Performance and Behavior of Mine Safety Instruments of Rajnagar RO Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
299.	2906	Evaluation of Performance and Behavior of Mine Safety Instruments of Jhiria UG Mine SECL	Prof. D. C. Panigrahi	ME	SECL
300.	2907	Evaluation of Performance and Behavior of Mine Safety Instruments and analysis and Interpretation of air Samples of Bhurkunda (B) Colliery CCL	Prof. D. C. Panigrahi	ME	CCL
301.	2908	Evaluation of Performance and Behavior of Mine Safety Instruments of Sodepur ® Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
302.	2910	Environmental Statement of DVC Bermo Mines.	. Dr. Biswajit PaulI	ESE	DVC
303.	2911	Analysis and Interpretation of Mine air Samples of Khoodia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
304.	2913	Analysis and Interpretation of Mine air Samples of CIMFR, Dhanbad	Prof. D. C. Panigrahi	ME	CIMFR,
305.	2915	Third party Quality Assurance of Different Works at NIT, Jamshedpur.	Prof. S. C. Dutta Dr. S. K. Panda Dr. Sanket Nayak Dr. L. Nainegai	Civil	NIT
306.	2916	Evaluation of Performance and Behavior of Mine Safety Instruments MECON International, Dhanbad.	Prof. D. C. Panigrahi	ME	Dhanbad

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
307.	2917	Evaluation of Performance and Behavior of Mine Safety Instruments Govindpur Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
308.	2918	Evaluation of Performance and Behavior of Mine Safety Instruments Dhorri (K) Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
309.	2919	Evaluation of Performance and Behavior of Mine Safety Instruments Bijuri Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
310.	2920	Evaluation of Performance and Behavior of Mine Safety Instruments Salanpur Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
311.	2922	Proximate and Ultimate Analysis of Coal samples.	Prof. V. K. Saxena	FME	DVC
312.	2923	Analysis and Interpretation of Mine air samples of Orient Colliery, MCL	Prof. D. C. Panigrahi	ME	MCL
313.	2924	Evaluation of performance and behavior of safety instruments and monitoring of noise and airborne respirable dust, and analysis and interpretation of gas samples of Chasnala Colliery, SAIL	Prof. D. C. Panigrahi	ME	SAIL
314.	2925	Evaluation of performance and behavior of mine safety instruments MRS Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
315.	2927	Geo-Enviro Study of Abandoned Mines for 2 x 525 MW Maithon Power Plant.	Dr. B. K. Mishra Dr. Alok Sinha	ESE	M P L
316.	2928	Testing of Coal Samples.	Prof. N.R. Mandre Shri S. Kumar	FME	BCCL
317.	2929	Evaluation of Furnace Oil Sample.	Dr. Vikash Mahato Prof. V. P. Sharma	PE	SII ABM.
318.	2935	Detailed Mineral Characterization and Implication for liberation studies of Chromite Ores from Tata Steel.	Prof. A.S. Venkatesh Dr. P. R. Sahoo	AGL	TSL
319.	2936	Analysis and Interpretation of Mine air Samples of SSI Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
320.	2937	Evaluation of Performance and Behavior of Mine Safety Instruments Godhar Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
321.	2938	Evaluation of Performance and Behavior of Mine Safety Instruments Sawang Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
322.	2939	Evaluation of Performance and Behavior of Mine Safety Instruments Parbelia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
323.	2940	Evaluation of Performance and Behavior of Mine Safety Instruments Chinakuri Mine No.II, ECL	Prof. D. C. Panigrahi	ME	ECL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
324.	2941	Evaluation of Performance and Behavior of Mine Safety Instruments Palkimara Incline Hasdeo Area, SECL	Prof. D. C. Panigrahi	ME	SECL
325.	2943	Evaluation of Performance and Behavior of Mine Safety Instruments PB Project Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
326.	2949	Study of Leaching of Heavy Metals.	Dr. S. K. Gupta Mr. B. Mishra	ESE	TSL
327.	2950	Sampling and Analysis of Slurry lying in Heap No-4DZ(B) of Dugda Coal Washery	Prof. S. Bhattacharya Prof. V. K. Saxena Mr. Anand Anupam	FME	BCCL
328.	2951	LOI of fly ash samples.	Prof. V. K. Saxena Mr. Suresh Yatirajula, Dr. S. Sengupta	Chemical	DVC.
329.	2953	Audit and Evaluation of Blast design for Road Construction at Dharchula	Prof. A. K. Mishra Dr. B. S. Choudhury	.ME	BRO
330.	2954	Proof Checking of a footing of size 1.1 m x 2.2 m	Dr. S. K. Panda	.Civel	PA&APL
331.	2958	Technical Consultancy for Waste Water Management and Control of Water Pollution from Plant and Mines of BIOM< Bacheli Complex.	Dr. Anshumali	.ESE	NMDC
332.	2960	Analysis and Interpretation of Mine air Samples of Mandaman Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
333.	2961	Evaluation of Performance and Behavior of Mine Safety Instruments of Basantimata Dahibari Colliery.	Prof. D. C. Panigrahi	ME	BCCL
334.	2962	Evaluation of Performance and Behavior of Mine Safety Instruments and Analysis and Interpretation of Mine air Samples of Khoodia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
335.	2963	Analysis and Interpretation of Mine air Samples of Shampur B. Incline, ECL	Prof. D. C. Panigrahi	ME	ECL
336.	2964	Analysis of Interpretation of Mine air Samples of Badjna Colliery	Prof. D. C. Panigrahi	ME	ECL
337.	2965	Evaluation of Performance and Behavior of Mine Safety Instrumentation Saner Colliery, WCL	Prof. D. C. Panigrahi	ME	WCL
338.	2966	Evaluation of Performance and Behavior of Mine Safety Instruments and Analysis and Interpretation of Mine air samples of Sawang Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
339.	2967	Calibration of force measuring device (1000 kN & 2000 kN Capacity) as per IS 4169:1988 in compression.	Prof. A. K. Mishram	ME	PSULD

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
340.	2970	A Study into Present Atmospheric Conditions Including the Conditions of fire areas for Improving Safety in Sijua Colliery Tata Steel Ltd.	Prof. D. C. Panigrahi	ME	TSL.
341.	2973	Scientific study to Establish Safe Maximum Charge per delay and Blasting Pattern vis-à-vis safety within 100M of Occupied Buildings at Amalgamated Angarpathra Ramkanali Colliery Katras Area, BCCL	Dr. B. S. Choudhary Prof. VMSR Murthy	ME	BCCL
342.	2975	Evaluation of Performance and Behavior of Mine Safety Instruments of Badjna Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
343.	2976	Evaluation of Performance and Behavior of Mine Safety Instruments of Jhiria UG Mine SECL	Prof. D. C. Panigrahi	ME	SECL
344.	2977	Mineral Characterization and Liberation Studies of Iron Ores and Lead (Pb Ore) from SGS India (P) Ltd.	Dr. P. R. Sahoo Prof. A. S. Venkatesh	AGL	SGSIPL
345.	2979	Field Investigations Modelling and Design of Ventilation System of Sindesar Khurd Mine HZL (2nd year Period: their Order No.2014.0029/510015891 dt.25.9.15)	Prof. D. C. Panigrahi	ME	HZL
346.	2980	Determination of Compressive Strength and Grushing Strength for Coal samples of SSI Colliery Sripur Area, ECL	Prof. A. K. Mishra	ME	ECL
347.	2981	Determination of Some Physical and Chemical Properties of quick Setting Cement Capsules of Durgapur youth Technology.	Prof. D. C. Panigrahi	ME	DYTD
348.	2982	Determination of Some Physical and Chemical Properties of Quick Setting Cement Capsules of M/S Durgapur Youth Technology.	Prof. A. K. Mishra	ME	DYTD
349.	2983	Calibration of force measuring device (100 kN , 500 kN & 2000 kN Capacity) of Pre-stressed Udyog (I) Pvt. Ltd.	Prof. A. K. Mishra	ME	PUPL
350.	2984	Determination of Compressive Strength and Cerchar Hardness of Coal & Shale Samples of Tetulmari Colliery, BCCL Supplied by MMD Heavy Machinery India Pvt. Ltd., Kolkata	Prof. A. K. Mishra Prof. VMSR Murthy	ME	BCCL
351.	2985	Preparation of Impacts of proposed Patherdih Coal Washery	Dr. Anshumali	ESE	CMPDI
352.	2986	Evaluation of performance and behavior of mine Safety Instruments of Ray Bachhara Coliery, CCL	Prof. D. C. Panigrahi	ME	CCL
353.	2987	Evaluation of performance and behavior of Mine Safety Instruments of Mandaman Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
354.	2988	Scientific Study of stability of the barrier Pillars between longwall Panels in Seam XV, Moonidih Project, BCCL	Prof. U. K. Singh	ME	BCCL
355.	2990	Evaluation of Performance and behavior of Safety Instruments of Mudidih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
356.	2993	Field Investigations, Modelling and Simulation Studies for designing Ventilation System of UCIL Mines, Jaduguda	Prof. D. C. Panigrahi	ME	UCIL
357.	2995	Scientific Study to design Controlled Blasting Pattern for Gere Stone Mine, Gaya District.	Prof. VMSR Murthy Dr. B.S. Choudhuri	ME	IL&FSE&C
358.	2998	Evaluation of Performance and Behavior of Mine Safety Instruments and Analysis and Interpretation of Mine air Samples of Barmodia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
359.	2999	Evaluation of Performance and Behavior of Mine Safety Instruments of Parbelia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
360.	3000	Evaluation of Performance and Behavior of Mine Safety Instruments of MRS - Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
361.	3001	Testing of Coal Samples.	Shri Shravan Kumar Prof. N. R. Mandre	FME	BCCL
362.	3002	Testing for Coal Samples.	Shri Shravan Kumar Prof. N. R. Mandre	FME	ECL
363.	3004	Evaluation of performance and Behavior of SCSRs of KB10-12 Pits Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
364.	3005	analysis and Interpretation of air Samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
365.	3006	Evaluation of Performance and Behavior of Safety Instruments of Simlabahal Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
366.	3007	Profiling of Heat Values Along the Coal flow Chain in Vindhyachal STPP on NTPC	Prof. S. Bhattacharya Prof. N. R. Mandre Prof. V. K. Saxena Shri Anand Anupam	FME	NTPC.
367.	3008	Field Investigations Modelling and design of Ventilation System to Improve for Rampur Agucha Lead - Zinc Mine, Hindustan Zinc Ltd. (Part - VI)	Prof. D. C. Panigrahi	ME	HZL
368.	3009	Evaluation of Performance and Behavior of Safety Instruments of Shyampur B Incline, ECL	Prof. D. C. Panigrahi	ME	ECL
369.	3010	Blast design for safe blasting and determination of safe Maximum charge at Muraidih Colliery (OCP) of Barora Area, BCCL	Prof. A. K. Mishra	ME	BCCL
370.	3011	Testing of Arsenic in 05 Nos. of Water Samples.	Dr. S. R. Samaddar Prof. S. K. Maiti	.ESE	NCL
371.	3012	Determination of degree of gassiness of IV-A seam of Haldibari UG Mines, SECL.	Prof. D. C. Panigrahi	ME	SECL



Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
372.	3013	Determination of incubation period of one seam of Dhori (K) Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
373.	3014	Evaluation of performances and behavior of Safety Instruments of Jhanjra Project Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
374.	3015	Evaluation of performance and Behavior of Mine Safety Instruments of Bera Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
375.	3016	Evaluation of performance and Behavior of Mine Safety Instruments of Methani Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
376.	3017	Characterisation and Beneficiations Studies on SMIORE Manganese Samples.	Prof. Nikkam Suresh	FME	SMIOL
377.	3020	Scientific study of Geo-Mining Parameters and determination of RMR of XI Seam SB 5/7 Pit of PBP Colliery.	Prof. A. K. Mishra	ME	BCCL
378.	3021	Testing of Water Sample near Rajrappa Area	Dr. B. K. Mishra	ESE	HIL
379.	3023	Scientific Study of Geo-Mining Parameters and determination of RMR of B.P. Seam (Bottom Section) Badjna Colliery, ECL	Prof. A. K. Mishra	ME	ECL
380.	3024	Evaluation of performance and behavior of Mine Ventilation and Safety instruments of Bhatgaon Mine, SECL	Prof. D. C. Panigrahi	ME	SECL
381.	3025	Evaluation of performance and behavior of Mine Ventilation and Safety instruments of Kahan Area, WCL	Prof. D. C. Panigrahi	ME	WCL
382.	3026	Evaluation of performance and behavior of Mine Ventilation and Safety instruments of Gaurangdi Bequnia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
383.	3027	A Study into airborne respirable dust concentration in AMAL-NTST Jeenagora Open Cast Mine, BCCL	Prof. D. C. Panigrahi	ME	BCCL
384.	3028	Estimation of Support Requirement KTK-5 Incline	Prof. U. K. Singh	ME	SCCL
385.	3029	DGPS Survey of Demarked Boundary Pillars of lease hold area and the forest area within the existing lease hold area of Jitpur Coal Block of M/s Adani Enterprise Ltd.	Dr. Dheeraj Kumar	ME	AML
386.	3030	Preparation of DPR to setup Afghan Institute of Mining at Kabul, Afghanistan (Part-I)	Prof. A. K. Mishra Prof. D. C. Panigrahi	ME	AIMK
387.	3031	Determination of compressive strength and Cerchar Hardness of NCL Coal samples.	Prof. A. K. Mishra Prof. VMSR Murthy	ME	MMDPL
388.	3034	Observation on the Reports of Worke Site of River Princes of Sinquerim Condolim Goa.	Dr. Sanjit Kr. Paul Dr. U. K. Singh Prof. Shalivahan Prof. P. R. Mohanty	AGP	GGP

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
389.	3035	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Topa OCP, CCL	Prof. D. C. Panigrahi	ME	CCL
390.	3036	Evaluation of performance and Behavior of Mine Ventilation and Safety instruments of MRS Dhanbad	Prof. D. C. Panigrahi	ME	MRS
391.	3037	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Saoner Sub Area, WCL	Prof. D. C. Panigrahi	ME	WCL
392.	3038	Environmental Suitability and Feasibility of Mining of Flyash in the OB of Kusmunda OC Mines of SECL.	Dr. Biswajit Paul Prof. A. K. Singh	ME	SECL
393.	3041	Testing of Coal Samples of ECL	Dr. Shravan Kumar Prof. N. R. Mandre	ME	ECL
394.	3042	Profiling of heat values along the coal flow chain in Singrauli STPP of NTPC	Prof. S. Bhattacharya Prof. N. R. Mandre Prof. V. K. Saxena Shri S. Soren, Shri S. Kumar Shri Anand Anupam	FME	NTPC
395.	3044	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Baheraband Mine, Hasdeo Area, SECL	Prof. D. C. Panigrahi	ME	SECL
396.	3045	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Dharam Incline, Chhal Sub Area, SECL	Prof. D. C. Panigrahi	ME	SECL
397.	3046	Evaluation of performance and Behavior of Mine Safety Instruments and Analysis and Interpretation of Mine air Samples of Govindpur Project Kathara Area, CCL	Prof. D. C. Panigrahi	ME	CCL
398.	3047	Analysis and Interpretation of Mine air Samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
399.	3048	Analysis and Interpretation of Mine air Samples of Jarangdih Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
400.	3049	Technical consultancy for Wastewater Management	Dr. Alok Singh Dr. B. K. Mishra	ESE	BIOMKC
401.	3053	Analysis of Water samples from BCCL	Dr. M. K. Jain Dr. Vipin Kumar	ESE	BCCL
402.	3055	Physical, Chemical and Combustion Properties of LVC Coal of Jaria Coalfield	Prof. S. Bhattacharya Dr. B. K. Nandi	FME	BCCL
403.	3056	Profiling of Heat Values along the coal flow chain in Rihand STPS of NTPC	Prof. S. Bhattachaya Prof. N. R. Mandre Prof. V. K. Saxena	FME	NTPC

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
404.	3058	Physico Mechanical test of Core Samples of Haldibari Underground Mine, SECL Supplied by M/s JMS Mining services (P) Ltd.	Prof. A. K. Mishra	ME	JMSMSPL.
405.	3059	Determination of Compressive strength and Crushing Strength for coal samples of SSI Colliery, Sripur Area ECL.	Prof. A. K. Mishra	ME	ECL
406.	3060	Testing of Coal Samples.	Dr. B. K. Nandi Prof. N. R. Mandre	FME	CCL
407.	3061	Determination of Coking and Swelling Index of Coal Sample of NTPC-Tanda-Region.	Dr. Shalini Gautam Prof. N. R. Mandre	FME	NTPC
408.	3064	Determination of GCV and Proximate Analysis of Coal Sample of ATPS Sonebhadra	Dr. Shalini Gautam Dr. Shravan Kumar	FME	ABTPA
409.	3065	Air-borne respirable dust Survey of Amalgamated NT-ST Jeenagora Colliery Lodna Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
410.	3066	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Patherkhera Area, WCL	Prof. D. C. Panigrahi	ME	WCL
411.	3067	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Silwara Sub Area, WCL	Prof. D. C. Panigrahi	ME	WCL
412.	3068	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Patherkhera Area, WCL	Prof. D. C. Panigrahi	ME	WCL
413.	3069	Analysis and Interpretation of Mine Air Samples of KSP Phase-II, CCL	Prof. D. C. Panigrahi	ME	CCL
414.	3070	Detail Mineralogical Characterization Studies of Chromite ore and host rocks with Implications for Beneficiation for M/S Tata Steel.	Prof. A. S. Venkatesh Dr. P. R. Sahoo	AGL	TSL,
415.	3071	Determination of Physico-Mechanical Properties of Coal of different Mines of WCL (Tensile and Compressive Strength Part B	Prof. A. K. Mishra Prof. D. C. Panigrahi	ME	WCL
416.	3072	Determination of Quality/Grade of Various coal seams and their Physico-Mechanical Properties (Tensile & Compressive Strength) of various coal seams of different Mines of WCL Part-A	Prof. N. Suresh	FME	WCL
417.	3073	PDP on Mining Equipment Safety Practices	Dr. L A Kumaraswamidhas Shri Ajit Kumar	MME	UCIL
418.	3074	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Narsamunda Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
419.	3075	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Churi Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
420.	3076	Evaluation of performance and Behavior of Mine 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	Consultant In-Charge in the Deptt.	Sponsoring Organization
421.	3077	Investigation into of gassiness of one seam of Muraidih Colliery Borora Area BCCL	Prof. D. C. Panigrahi	ME	BCCL
422.	3078	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Phuylaritand Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
423.	3081	Designing Detailed Blasting Scheme for underwater Controlled Rock Blasting at Panchet, DVC West Bengal	Dr. B. S. Choudhary	ME	GPTIPL
424.	3082	Evaluation of Performance and Behavior of Self Contained Chemical Self rescuers of Eastern Coalfields Ltd. through Functional ability tests. Intech Safety Pvt. Ltd.	Prof. D. C. Panigrahi	ME	ISPL
425.	3083	Evaluation of Ecology and Biology Soil Conversation component of Nilyai Expn.	Dr. Anshumali	ESE	CMPDI
426.	3084	Evaluation of performance and behavior of safety instruments, and analysis and interpretation of Chinakuri Mine No. 1, ECL	Prof. D. C. Panigrahi	ME	ECL
427.	3085	Evaluation of performance and behavior of safety instruments of Ghusick (R) Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
428.	3086	Evaluation of performance and behavior of safety instruments of Kenda Area, ECL	Prof. D. C. Panigrahi	ME	ECL
429.	3087	Evaluation of performance and behavior of safety instruments of Balajee Udyog, Dhanbad.	Prof. D. C. Panigrahi	ME	Dhanbad
430.	3088	Analysis and interpretation of air samples at Dubeswari Colliry, ECL	Prof. D. C. Panigrahi	ME	ECL
431.	3089	Analysis and interpretation at air samples at Mahujore Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
432.	3090	Testing of water samples of Joyarampur Pressure filter under Lodhna Area.	Dr. Brijesh Mishra	ESE	BCCL
433.	3091	Analysis of ambient air sample & Waters sample from main mine discharge of Bararee Colliery.	Dr. Brijesh Mishra	ESE	BCCL
434.	3092	Certification by ISM Dhanbad for work done under Mine Closure Plan of Ardhagram OCP of M/s Sova Ispat Ltd. Kolkata	Prof. P. Sen Dr. Dheeraj Kumar	ME	SIL
435.	3093	Testing of Shale Samples from Cambay basin	Dr. Keka Ojha	PE	MPLL
436.	3094	Determination of some physical and Chemical Properties of quick setting Cement Capsules of Katras Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
437.	3095	Determination of Physical properties of Cement Capsule Supplied by Katras Area, BCCL	Prof. A. K. Mishra	ME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
438.	3096	Testing of Coal Samples	Dr. Shравan Kumar Prof. N. R. Mandre	FME	KS
439.	3098	Analysis and interpretation of mine air samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
440.	3099	Evaluation of performance and behavior of mine ventilation and safety instruments of patmohna Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
441.	3100	Analysis and instrumentation of mine air samples of wastren Jharia Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
442.	3101	Evaluation of performance and behavior of mine safety instruments, and analysis and interpretation of mine air samples of gare plma IV/4 Block, Hindalco Industries Ltd.	Prof. D. C. Panigrahi	ME	HIL
443.	3102	Calibration of force Measuring device (500 kN capacity) of M/s Muva Industries Ltd.	Prof. A. K. Mishra	ME	MIL
444.	3103	Determination of Compressive Strength and Weatherability for Coal Samples of Bastacola Colliery, BCCL	Prof. A. K. Mishra	ME	BCCL
445.	3104	ERT Study for Ground Water near Govindpur road, Dhanbad	Dr. S. K. Pal Dr. U. K. Singh Prof. Shalivahan Prof. P. R. Mohanty	.ME	CTL
446.	3110	Determination of Specific gravity of coal sample of JK Nagar Group of Mines, ECL	Prof. D. C. Panigrahi	ME	ECL
447.	3111	Functional Ability test of Self rescuers of Megherita, NECL	Prof. D. C. Panigrahi	ME	NECL
448.	3112	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Somna Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
449.	3113	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Sodepur (R) Colliery and Chhatrapur Colliery, WCL	Prof. D. C. Panigrahi	ME	WCL
450.	3114	Effect of Blasting in Opencast into Below ground Working of Kuya Colliery, BCCL (Part - A)	Prof. A. K. Mishra Dr. B. S. Choudhury	ME	BCCL
451.	3115	Caving Behaviour of the Strata in Depillaring above the zero coal seam and Stability of Pillars (Part - B)	Prof. U. K. Singh Mr. Kashinath Pal	ME	BCCL
452.	3116	Designing of Rhombus Coal Pillar and Support With Roadway Stability of Swang "C" seam of Govindpur Project (U/G) Kathara Area, CCL	Prof. M. Jawed Dr. R. K. Sinha	ME	CCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
453.	3117	Determination of compressive strength and Cerchar Hardness of ECL Coal/Shale Samples Supplied by MMD Heavy Machinery (India) Pvt. Ltd. Kolkata - 17	Prof. A. K. Mishra Prof. VMSR Murthy	ME	MMD
454.	3118	Cavability Index Analysis of Seam III of Pandavara Mine, Baikunthapur Area and Design of a Suitable Method of Depillaring a panel by Caving Method., SCCL	Prof. U. K. Singh	ME	SCCL
455.	3119	Determination of GCV and Proximate Analysis of Coal Sample of ATPS	Dr. Shalini Goutam	FME	ATPS
456.	3120	Evaluation of performance and behavior of safety instruments of Jharia UG Mine, SECL	Prof. D. C. Panigrahi	ME	SECL
457.	3121	Analysis and Interpretation of air Samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
458.	3122	Evaluation of Performance and Behavior of Safety Instruments of Kapildhara UG Project Hasdeo Area, SECL	Prof. D. C. Panigrahi	ME	SECL
459.	3123	Evaluation of Performance and Behavior of Safety Instruments and Analysis and Interpretation of Dhemomain Pit Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
460.	3124	Evaluation of Performance and Behavior of Dust Ioniser Brand name Pulver Bond of PVR Inshield Bituminous Pvt. Ltd. Dishergarh	Prof. D. C. Panigrahi	ME	PVR
461.	3125	Evaluation of performance and Behavior of Dust Ioniser Brand name dust bond of Calcutta Mining Sealants Pvt. Ltd.	Prof. D. C. Panigrahi	ME	CMSPL
462.	3126	Analysis and Interpretation of air samples of Mandaman Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
463.	3127	Evaluation of Performance and Behavior of Safety Instruments of Rajur Incline Colliery, WCL	Prof. D. C. Panigrahi	ME	WCL
464.	3128	Scientific Study of Geo-Mining Parameters and determination of RMR of R VII A Seam near the pit bottom of No.3 Pit at SSP(O) unit of Tilaboni Colliery.	Prof. A. K. Mishra	ME	ECL
465.	3130	Tool Creation for Ore dressing for KPMG	Mr. S. Kumar Prof. R. Venugopal	FME	KPMGAS
466.	3132	Off campus course on Executives of Sandvik at Bangaluru.	Prof. P. Sen Prof. V. K. Singh Dr. R. K. Sinha	ME	SAPL
467.	3134	Evaluation of performance and behavior of Safety instruments of Silwara sub Area WCL	Prof. D. C. Panigrahi	ME	WCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
468.	3135	Air borne Respirable dust Survey by gravimetric dust sampler in bired OCP Patch A at Katras Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
469.	3136	Evaluation of performance and behavior of SCRSs of Ranipura Agucha Mine HZL.	Prof. D. C. Panigrahi	ME	HZL
470.	3137	Evaluation of performance and behavior of Safety instruments of MRS - Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
471.	3138	Evaluation of performance and behavior of Safety instruments of Tumalapalle Mine, UCIL.	Prof. D. C. Panigrahi	ME	UCIL
472.	3139	Evaluation of performance and behavior of Safety instruments of Saoner Sub-Area WCL	Prof. D. C. Panigrahi	ME	WCL
473.	3140	Evaluation of performance and behavior of Safety instruments of Bejdih Colliery, Sodepur Area, ECL	Prof. D. C. Panigrahi	ME	ECL
474.	3141	Analysis and Interpretation of air Samples of Hariajam Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
475.	3142	Analysis and Interpretation of air Samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
476.	3143	Analysis and Interpretation of air Samples of Sodepur R Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
477.	3144	Analysis and Interpretation of air Samples of SSI Colliery Sripur Area, ECL	Prof. D. C. Panigrahi	ME	ECL
478.	3145	Calibration of force measuring device (500 KN-Capacity) of Pre-Stressed Udyog (India) Pvt. Ltd. as per IS:4169:1988 in compression.	Prof. A. K. Mishra	ME	PSUL
479.	3146	Compliance of condition No.13 of stage 1 clearance of Rohini OC for 74.83 ha, CCL	Prof. S. K. Maiti	ESE	CCL
480.	3147	Feviewing the HSE Documents of Adani Enterprises Ltd. (AEL) Mining Business.	Prof. R. M. Bhattacharjee	ME	AEL
481.	3148	Blast design for conducting controlled blasting with regard to blast Induced Vibration Control of flying fragments and blasting in the Vicinity of inhibited area at COCP patch in Amalgamated Sudamdih Patherdih Colliery (ASP Colliery)	Prof. A. K. Mishra Prof. P. Sen	ME	BCCL
482.	3149	Design of Controlled Blasting with Regard to Blast Induced Vibration air over Pressure Control of flying Fragments and Blasting in the Vicinity of Inhibited area at Hired HEMM X-Patch in Amalgamated Sudamdih-Patherdih Colliery (ASP Colliery)	Prof. A. K. Mishra Prof. P. Sen	ME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
483.	3151	Analysis of Mercury in 25 Soil Samples.	Prof. S. K. Maiti Dr. S. R. Samaddar	ESE	NCL
484.	3152	Carbon sequestration study of Eco restoration sites of BCCL 2 Sites at Damoda ad Tatulmari.	Prof. S. K. Maiti	ESE	BCCL
485.	3153	Physical Chemical and Combustion properties of Jhama Coal of Jharia Coalfields.	Prof. S. Bhattacharya Dr. B. K. Nandi	FME	BCCL
486.	3154	Subsidence Monitoring at Forest Area above the underground Working within Mining lease of UCIL Jaduguda	Dr. Dheeraj Kumar	ME	UCIL
487.	3156	Stack Monitoring at MPL Dhanbad	Dr. Suresh Pandian E Dr. B. K. Mishra	ESE	MPL
488.	3158	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Hariajam Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
489.	3159	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Burragarh Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
490.	3160	Analysis and Interpretation of Mine air Samples of Kunustoria Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
491.	3161	Analysis and Interpretation of Mine Air Samples of Parbolia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
492.	3162	Determination of density of two Coal Samples of ASP Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL

**Total value of the projects carried forward from the Previous Financial Years: INR 1202.78 Lakhs**



## B. Consultancy Projects commenced during Financial Year 2016-17 (Up to 31<sup>st</sup> March., 2017):

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
1.	3166	Electrical Resistivity Tomography for Locating of Cavity Zones Around Thapar Nagar	Dr. Sanjit Kr. Pal Dr. U. K. Singh Prof. Shalivahan Prof. P. R. Mohanty	AGP	L & T
2.	3167	To Oscertion the Presence of Basement Rock Like Basalt Volcanic Rock in the drill cutting samples of the wells drilled in Jaisalmer	Prof. Rima Chatterjee Prof. S. P. Mohanty	AGP	FEL
3.	3168	Determination of Compressive Strength and Cerchar Hardness of Limestone Samples of Dalmia Cement Supplied by MMD Heavy Machinery India (P) Ltd. Kolkata	Prof. A. K. Mishra Prof. VMSR Murthy	ME	MMDPL
4.	3169	Testing of Coal Samples of Bhajudih, BCCL	Dr. Shravan Kumar Prof. N.R. Mandre Shri S. Soren Shri A. AnupamI	FME	BCCL
5.	3170	Testing of Coal Samples	Prof. N. R. Mandre Dr. Shravan Kumar	FME	BCCL
6.	3171	Analysis of Wastewater Samples 4 Nos.	Dr. S. K. Gupta Dr. B. K. Mishra	ESE	CPWD
7.	3172	Detailed Mineralogical Studies of Iron Ore Sample for M/s SGS India (P) Ltd.	Dr. P. R. Sahoo Prof. A. S. Venkatesh	AGL.	SGSIPL
8.	3173	Stabilization of Fractures and Cracks in Development galleries in seam no. R-II/III in Madhaipur Colliery Pandaveshwar Area.	Prof. U. K. Singh	ME	ECL
9.	3174	Geophysical Study to get the extent and depth of Workings of local seam beneath the Railway acquired land.	Dr. Sanjit Kr. Pal Dr. U. K. Singh Prof. Shalivahan Prof. P. R. Mohanty	AGP	BCCL
10.	3175	Testing of Coal Sampling.	Prof. N. R. Mandre Dr. Shravan Kumar	FME	AKALPL.
11.	3176	Testing of Coal Sampling.	Dr. Shravan Kumar Prof. N. R. Mandre	FME	AKALPL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
12.	3177	DGPS Survey and Preparation of Georeferenced Cadastral Map of Tummappalle Uranium Mine of M/s UCIL	Dr. Dheeraj Kumar Md. Soyeb Alam	ME	UCIL
13.	3178	Monitoring of Underwater Drilling and Blasting process for Controlling Ground Vibration and Air over pressure during the Deepening of the Entrance Channel.	Prof V. M. S. R. Murthy	ME	VPT
14.	3179	Analysis of Coal samples from Opera Thermal Power Station.	Dr. Shalini Gautam Sri S. Soren	FME	VUNO
15.	3180	Suitability test Water of Tata Steel Jamadoba	Prof. S. K. Gupta	ESE	TATA
16.	3181	Testing of Coal Samples.	Prof. N. R. Mandre Dr. Shravan Kumar	FME	AKALPL
17.	3182	Testing of Coal Samples.	Dr. Shravan Kumar Prof. N. R. Mandre	FME	AKALPL
18.	3183	Evaluation of performance and behavior of Safety Instruments and Monitoring of Noise and airborne respirable dust and Analysis and Interpretation of gas samples of Chasnalla Colliery, SAIL	Prof. D. C. Panigrahi	ME	SAIL
19.	3184	Evaluation of performance and behavior of Mine Ventilation and Safety instruments of Phularitand Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
20.	3185	Evaluation of performance and behavior of firefighting Chemical Fico Chem of PVR Inshield Bituminous Pvt. Ltd.	Prof. D. C. Panigrahi	ME	PVR
21.	3186	Evaluation of performance and behavior of Mine Ventilation and Safety instruments of Dharam Incline, SECL	Prof. D. C. Panigrahi	ME	SECL
22.	3187	Field Investigations, Modelling and Simulation Studies for Designing the Ventilation System of Rajpura Dariba Mines, HZL (3rd Year)	Prof. D. C. Panigrahi	ME	HZL
23.	3188	Evaluation of performance and behavior of Mine Ventilation and Safety instruments of Kuju Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
24.	3189	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Rescue Room, Balgi, SECL	Prof. D. C. Panigrahi	ME	SECL
25.	3190	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Chhatrapur Mine No.1 Chhatrapur Mine No.2 and Sobhapur Mine, WCL	Prof. D. C. Panigrahi	ME	WCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
26.	3191	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Tawa 2 Mine, Patherkhera Area WCL	Prof. D. C. Panigrahi	ME	WCL
27.	3192	Suitability test of treated water of PB Area BCCL	Dr. B. K. Mishra	ESE	BCCL
28.	3193	Suitability test of Mine and treated Water of CV Area	Dr. B. K. Mishra	ESE	BCCL
29.	3194	Testing of Coal Samples	Prof. N. R. Mandre Dr. Shravan Kumar	FME.	AKALPL
30.	3196	Assessment of Ground Water and Surface Water at Muri	Dr. B. K. Mishra	ESE	HILM
31.	3197	Evaluation of performance and behavior of mine Safety Instruments and Analysis and Interpretation of Mines air Samples of Bhagaband Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
32.	3198	Analysis and Interpretation of Mine air Samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
33.	3199	Analysis and Interpretation of Mine air Samples of Parbelia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
34.	3200	Analysis and Interpretation of Mine air Samples of Orient 1 & 2 Colliery, MCL	Prof. D. C. Panigrahi	ME	MCL
35.	3201	Evaluation of performance and behavior of Mine Safety Instruments and Analysis and Interpretation of Mine air Samples of Dhemmo main Pit Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
36.	3202	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Sobhapur Colliery and Patherkhera Area, WCL	Prof. D. C. Panigrahi	ME	WCL
37.	3203	Analysis and Interpretation of Mine air Samples of Ningha Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
38.	3204	Analysis and Interpretation of Mine air Samples of Narsamuda Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
39.	3205	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Kanhan Area, WCL	Prof. D. C. Panigrahi	ME	WCL
40.	3206	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Ghusik(R) Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
41.	3207	Evaluation of performance and behavior of firefighting Chemical FF Chem of Calcutta Mining scalants Pvt. Ltd.	Prof. D. C. Panigrahi	ME	FFCCMPL
42.	3210	Evaluation of performance and behaviour of Mine Ventilation and Safety instruments of Duberwari Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
43.	3211	Evaluation of performance and behaviour of Safety instruments and monitoring of noise and airborne respirable dust, and analysis and interpretation of gas samples of Jitpur Colliery, SAIL	Prof. D. C. Panigrahi	ME	SAIL
44.	3212	Testing of Coal Samples.	Dr. Shravan Kumar Prof. N. R. Mandre	FME	AKALPL
45.	3213	Testing of Coal Samples	Prof. N. R. Mandre Dr. Shravan Kumar	FME	AKALPL
46.	3215	Off Campus course for a day on Building on Intelligent Mine on 29/1/2016 at Pune.	Prof. A. K. Mishra	ME	ASPL
47.	3216	Determination of slake durability Index of aggregates of M/s KNIL Supplied by NTPC, Lara, CG.	Prof. A. K. Mishra	ME	NTPC
48.	3217	Field Investigation, Modelling and Redesign of Ventilation Systems for Gare Palma IV/5 Coal Mine of Hindalco Industries Ltd. Raigarh.	Prof. D. C. Panigrahi	ME	HIL
49.	3218	Ecology and Biodiversity (EB) and Soil conservation (SC) component of Kusmunda OC Expansion project (50 MTPA)	Dr. Anshumali	ESE	CMPDIL
50.	3223	Determination of Slake durability Index of aggregates of M/s AMR Supplied by NTPC Lara, CG	Prof. A. K. Mishra	ME	NTPCL
51.	3225	DGPS survey of Leare Boundary Pillars of Dhobil and Ajhitaburu Mining Leaser of Manoharpur Iron Ore Mines (MOM), SAIL	Dr. Dheeraj Kumar	ME	SAIL
52.	3226	To define Mechanized, Semi-Mechanized and Manual Mining Methods for river bed sand Mining and their environmental Implications.	Prof. Phalguni Sen Dr. R. K. Sinha	ME	JYJDK
53.	3227	Coal Samples Analysis	Prof. V. K. Saxena	FME	DVC BTPS
54.	3229	Testing of Coal Samples	Dr. Shravan Kumar Prof. N. R. Mandre	FME	AKALPL
55.	3231	Scientific study on Blasthole Scanning for Geological and Structural Profile Mapping in Agucha Mines.	Prof. V.M.S.R. Murthy	ME	CIMFR

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
56.	3232	Physico Mechanical test of Core Samples of Khairaha Underground Mine, SECL Supplied by JMS Mining Services Pvt. Ltd.	Prof. A. K. Mishra	ME	JMSMSPL
57.	3233	Study of Strata behavior at Continuous Miner District Sub Panel (P-15 to P-16) in R-VII Seam at Sripur Project of Shyamsundarpur Colliery Bankola Area, ECL	Prof. A. K. Mishra	ME	ECL
58	3234	Geo-referencing of Cadastral Map of Chasnala, Tasra and Jitpur Coal Block of SAIL-ISP into WGS 84 Coordinates.	Dr. Dheeraj Kumar	ME	SAIL-ISP
59.	3237	Geo-rferencing of cadastral Map of Sitanala Coal Block of Chasnalla Colliery, SAIL	Dr. Dheeraj Kumar	ME	SAIL
60.	3238	DGPS survey of Lease Boundary Pillars of Mclellan Mining Leases of Manoharpur Iron Ore Mines (MOM) SAIL	Dr. Dheeraj Kumar	ME	SAIL
61.	3239	Determination of Bulk density of one coal samples of XVI Seam Moonidih Colliery INDUZMJ Zhengzhou-Xinfeng Consortium	Prof. D. C. Panigrahi	ME	BCCL
62.	3240	Evaluation of performance and behavior of mine Ventilation and Safety Instruments of Murapur UG Mine, WCL	Prof. D. C. Panigrahi	ME	WCL
63.	3241	Evaluation of performance and behavior of SCSRs of KB 10/12 Pits Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
64.	3242	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of MRs Dhansar, Dhanbad	Prof. D. C. Panigrahi	ME	MRSD
65.	3243	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of AB Inline, WCL	Prof. D. C. Panigrahi	ME	WCL
66.	3244	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Saoner Sub Area, WCL	Prof. D. C. Panigrahi	ME	WCL
67.	3245	Evaluation of performance and behavior of Mine Safety Instruments and Analysis and Interpretation of Mine air Samples of Madhabpur Colliery Kajora Area ECL	Prof. D. C. Panigrahi	ME	ECL
68.	3246	Analysis and Interpretation of Mine Air Samples of Madhujore Colliery Kajora Area, ECL	Prof. D. C. Panigrahi	ME	ECL
69.	3247	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Mekon International, Dhanbad	Prof. D. C. Panigrahi	ME	MIL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
70.	3248	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Kankanee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
71.	3249	Evaluation of performance and behavior of Mine Safety Instruments and Analysis and Interpretation of Mine Air Samples of Chapapur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
72.	3250	Evaluation of performance and behavior of Mine Safety Instruments and Analysis and Interpretation of Mine Air Samples of Sawang Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
73.	3251	An Investigation into the Violent ejection of perlite to the atmosphere and damage to the cold box in the Oxygen Plant of Electro Steel Ltd.	Dr. Subrata Kr. Ghosh	Mech.	ESL
74.	3252	Soil and fly-ash Characteristics Study	Dr. Vipin Kumar	ESE	Balco
75.	3253	Determination of Cechar Abrasivity Index of Some Coal Samples.	Prof. V.M.S.R. Murthy	ME	AL
76.	3254	Field Investigations, Modelling and Simulation Studies for designing the Ventilation Systems of all UCIL Mines (Part - I 1st year work) Jaduguda.	Prof. D. C. Panigrahi	ME	UCIL
77.	3255	Analysis and Interpretation of Mine air Samples of Jarangdih Colliery CCL	Prof. D. C. Panigrahi	ME	CCL
78.	3256	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Johila Area, SECL	Prof. D. C. Panigrahi	ME	SECL
79.	3257	Testing of Coal Samples.	Dr. Shravan Kumar Prof. N. R. Mandre	FME	AKALPL
80.	3258	Determination of overall Stripping ratio of Parbatpur Quarry and Georefranching of Cadastral map of Parbatpur Central Coal Mine.	Dr. Dheeraj Kumar Prof. P. Sen	ME	SAIL
81.	3259	Determination of Striping ratio of Salanbpur C Quarry of Ramnagare Colliery.	Dr. Dheeraj Kumar Prof. P. Sen	ME	SAIL
82.	3260	Identification & Demarcation of Boundry under Surda Mining Lease Area (total 388.68 hectares) by Cadastral Survey and Preparation of Digital Geo-referenced map & Generation of Geo-Referenced Shape files by DGPS survey of that Area.	Dr. Dheeraj Kumar Dr. VV Govind Kumar	ME	IICM

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
83.	3261	DGPS Survey of Intermediate Pillars (Broken Area) for Geo Referencing of Cadastral Map and diverted Area Map of Kiriburu - Meghahahtuburu Iron Ore Mines of M/s SAIL into WGS - 84 Co-ordinates and Preparatio of Shape files for Submission to MoEF & CC	Dr. Dheeraj Kumar Dr. VV Govind Kumar	ME	SAIL
84.	3265	Proximate Analysis of Coal Sample Received from Rajganj Thana, Dhanbad	Dr. Shalini Gautam	FME	Dhanbad
85.	3268	Field investigations Modelling and design of Ventilation system for Mochia, Balaria Baroj and Zawarmala Mines (Zawar Group of Mines) Hindustan Zinc Ltd. And Association of Indian School of Mines for 3rd years to Implement the recommended Ventilation System for Increasing the Production of the Mines.	Prod. D. C. Panigrahi	ME	HZL
86.	3269	Analysis and Interpretation of Mine air Samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
87.	3270	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Baraoud OCM, SECL	Prof. D. C. Panigrahi	ME	SECL
88.	3271	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Tetulmari Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
89.	3272	Technical Consultant for guiding SAIL in the e-auction of Coal Block (Parbatpur Central Coal Block)	Prof. A. K. Singh	ESE	BCCL
90.	3273	Calibration of two force Measuring devices (100 kN, & 2000 kN capacity) of Muva Industries Ltd. As per IS:4169:1988 in Compression.	Prof. A. K. Mishra	.ME	MIL
91.	3274	Testing of Ground Water Quality Kinandul NMDC	Dr. Anshumali Prof. A. K. Singh	ESE.	NMDC
92.	3275	Monitoring of Ground Vibration due to deep hole blasting.	Prof. V.M.S.R. Murthy	ME	LFSE
93.	3277	Testing of Coal Samples.	Dr. Shravan Kumar Prof. N. R. Mandre	FME	KCJ
94.	3278	Testing of Coal Samples	Prof. N. R. Mandre Dr. Shravan Kumar	FME	AKALPL
95.	3279	Testing of Coal Samples	Dr. Shravan Kumar Prof. N. R. Mandre	FME	ECL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
96.	3283	Testing of Coal Samples	Dr. Shravan Kumar Prof. N. R. Mandre	FME	AKALPL
97.	3284	Mineral hardness of garnet sands of M/s SGS India (P) Ltd.	Prof. A. S. Venkatesh Dr. P. R. Sahoo	.AGL	SGSIPL
98.	3287	Off Campus on Building an Intelligent Mine for a day for Accenture Managers.	Prof. A. K. Mishra	ME	ASPL
99.	3289	Evaluation of performance and behavior of mine ventilation and safety instruments of Gara Palma IV/5 Mines, Hindalco Industries Ltd.	Prof. D. C. Panigrahi	ME	HIL
100.	3290	Evaluation of performance and behavior of mine ventilation and safety instruments of Rik Sales and Services Ltd., Dhanbad	Prof. D. C. Panigrahi	ME	RSSL
101.	3291	Evaluation of performance and mine ventilation and safety instruments of Murlidih 20/21 Pits Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
102.	3292	Analysis and interpretation of mine Air samples of Sodepur (R) Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
103.	3293	Analysis and interpretation of mine Air samples of Shampur B Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
104.	3294	Analysis and interpretation of mine Air samples of IDL Explosives Ltd. Dhanbad.	Prof. D. C. Panigrahi	ME	IDLD
105.	3295	Analysis and interpretation of mine Air samples of Khoodia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
106.	3296	Evaluation of performance and behavior of mine ventilation and safety Instruments of Saoner Sub Area, WCL	Prof. D. C. Panigrahi	ME	WCL
107.	3297	Evaluation of performance and behavior of mine ventilation and safety instruments of Rajur Incline Colliery, WCL	Prof. D. C. Panigrahi	ME	WCL
108.	3298	Field investigations, modelling and design of ventilation system for Gare Palma IV/4 Coal mine Hindalco Limited, Raigarh	Prof. D. C. Panigrahi	ME	HLR
109.	3299	Testing of Coal Samples.	Dr. Shravan Kumar Prof. N. R. Mandre	FME	AKALPL
110.	3300	Feasibility Study of STP at West Bokaro Division (WBD)	Prof. S. K. Gupta Dr. Alok Sinha	ESE	TATA
111.	3306	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	Consultant In-Charge in the Deptt.	Sponsoring Organization
112.	3307	Analysis and interpretation of gas samples of Kumardhubi Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
113.	3308	Collection, Analysis and interpretation of gas samples of Western Jharia Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
114.	3309	Analysis and interpretation of gas samples of Jarangdih Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
115.	3310	Evaluation of performance and behavior of Ventilation and safety instruments of Phularitand Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
116.	3311	Evaluation of performance and behavior of ventilation and safety instruments of Selwara Sub-Area, WCL	Prof. D. C. Panigrahi	ME	WCL
117.	3312	Evaluation of performance and behavior of ventilation and safety instruments of Lakhimata Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
118.	3313	Effluent analysis of Regional Hospital Baghmara.	Dr. B. K. Mishra	ESE	BCCL
119.	3314	Blast design for conducting controlled Blasting with regard to blast Induced Vibration Control of flying fragments while working on the faces which are close to the Crushing Plant Structures.	Prof. A. K. Mishra	ME	TVPL
120.	3315	Preparatin of Environmental Statement Report for DVC Mines	Dr. Biswajit Paul	ESE	DVC
121.	3316	Joint Study with CSIR-CIMFR terms of the order of Honourable National Green Tribunal, Bhopal for taking up to the Job of extinguishing and containing fire and also Prevent it from further Spreading at Gare Palma IV/2 & 3 OCM Raigarh Area of SECL	Prof. V. K. Singh Prof. D. C. Panigrahi	ME	SECL
122.	3319	Evaluation of performance and behavior of Mine Ventilation and safety instruments of Patherkhera, WCL	Prof. D. C. Panigrahi	ME	WCL
123.	3320	Analysis and interpretation of mine air samples of Dhemomain Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
124.	3321	Analysis and Interpretation of mine air Samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
125.	3322	Analysis and interpretation of mine air samples of RSP PH-II UG Mine B & K Area, CCL	Prof. D. C. Panigrahi	ME	CCL
126.	3323	Evaluation of performance and behavior of fire retardant sealant brand name "Fire Shield"Calcutta Mining sealants Pvt. Ltd.	Prof. D. C. Panigrahi	ME	CMSPL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
127.	3324	Evaluation of performance and behavior of mine ventilation and safety instruments of Sodepur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
128.	3325	Evaluation of performance and behavior of mine ventilation and safety instruments of Sobhapur Colliery, WCL	Prof. D. C. Panigrahi	ME	WCL
129.	3326	Evaluation of performance and behavior of fire retardant sealant brand name "Coal shield" PVT inshield Bituminous Pvt. Ltd.	Prof. D. C. Panigrahi	ME	PIBPL
130.	3327	Evaluation of performance and behavior of mine ventilation and safety instruments of Talcher Colliery, MCL.	Prof. D. C. Panigrahi	ME	MCL
131.	3328	Analysis and interpretation of mine air samples Methoni Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
132.	3330	Testing of Coal Samples.	Prof. N. R.Mandre Dr. Sharvan Kumar	FME	AKALPL
133.	3333	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Silwara Sub Area WCL	Prof. D. C. Panigrahi	ME	WCL
134.	3334	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Saoner Sub Area, WCL	Prof. D. C. Panigrahi	ME	WCL
135.	3335	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Khotadih Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
136.	3336	Evaluation of performance and behaviour of Mine Ventilation and Safety Instruments of Shampur B Incline ECL	Prof. D. C. Panigrahi	MR	ECL
137.	3337	Seismic Refraction Tomography study in Trishuli Galchhi Hydroelectric Project in Nepal.	Dr. S. K. Pal Dr. U.K. Singh Prof. Shalivhan Prof. P. R. Mohanty	AGP	EGECPL.
138.	3338	Correlation Survey of Digwadih Colliery	Dr. Dheeraj Kumar	ME	TATA
139.	3340	Joint Development Activities Between ISM & BASF India Ltd. Mumbai for Introduction of Chemical Technology in Ventilation/Water/Gas Seepage/fire Isolation in Mines.	Prof. D. C. Panigrahi	ME	BASF
140.	3341	Mining Geological Aspects of Bulk Density Determination of Iron ore other rock types Associated with Iron Ores & Report Preparation for M/S Tata Steel.	Prof. A. S. Venkatesh Dr. P. R. Sahoo	.AGL	Tata
141.	3343	Scientific Study of Stability underlying Strata of 1 seam (Geo. II Bottom Seam) in Bera Open cast Mine.	Prof. A. K. Mishra Shri P. K. Behera	ME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
142.	3344	Physico Mechanical Properties of Coal Samples of Khairaha Underground Mine SECL Supplied by JMS Mining Service Pvt. Ltd.	Prof. A. K. Mishra	ME	SECL
143.	3347	Carrying our risk assessment study on hazards and preparation of safety management plan in NLC mines.	Prof. R. M. Bhattacharjee	ME	NLC
144.	3349	Determination of specific gravity of one coal sample each from RVII and RVIIA Sem, C, B, incline (UG/OC and Banabahal OC Patch), New Kenda Area, ECL	Prof. D. C. Panigrahi	ME	ECL
145.	3350	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Kanhan Area, WCL	Prof. D. C. Panigrahi	ME	WCL
146.	3351	Evaluation of performance and behavior of mine ventilation and safety instruments of R.R. Urimari UG, CCL	Prof. D. C. Panigrahi	ME	CCL
147.	3352	Evaluation of performance and behavior of mine ventilation and safety instruments of Basantimati Dahibari Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
148.	3353	Evaluation of performance and behavior of mine ventilation and safety instruments of Bararee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
149.	3354	Evaluation of performance and behavior of mine ventilation and safety instruments of Madhujore Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
150.	3355	Evaluation of performance and behavior of mine ventilation and safety instruments of Mine Rescue Station Dhansar, BCCL	Prof. D. C. Panigrahi	ME	BCCL
151.	3356	Evaluation of performance and behavior of mine ventilation and safety instruments of Mine Rescue Station, Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
152.	3357	Testing of coal Samples.	Dr. Shravan Kumar Dr. Shalini Gautam	ME	AKALPL
153.	3363	Scientific Study of Geotechnical Parameters and determination of RMR of Jogidih 1 Seam, BCCL	Prod. A. K. Mishra	ME	BCCL
154.	3364	Scientific Study for Designing Blast Rounds to produce required Sizes of Rocks for Marine and Onshore Facilities Works and Planning for Yield Analysis at Jafrabad Project, Gujarat Phase - I	Prof. VMSR Murthy Dr. B. S. Choudhary Prof. P. Sen Prof. A. S. Venkatesh	ME	DDIL
155.	3366	Detailed Project Report for Establishment of a Callege of Engineering at Singrauli, MP and Presentation at Bhopal.	Prof. A. K. Mishra Prof. D. C. Panigrahi	ME	Bhopal
156.	3367	Environmental Impact Study of Back filling of Chotia Mines with fly-ash.	Dr. Vipin Kumar	ESE	BACL

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157.	3369	Analysis of Coal samples of Patherdih Coal Washery, BCCL	Dr. Sharvan Kumar Prof. N. R. Mandre	FME	BCCL
158.	3371	Testing of Coal Samples.	Dr. Sharvan Kumar Prof. N. R. Mandre	FME	BCCL
159.	3373	DGPS Survey and preparation of Georeferenced Cod astral Map of GOGI Uranium Mine of UCIL.	Dr. Dheeraj Kumar Md. Soyeb Alam	ME	UCIL
160.	3374	Identification & Demarcation of Area under Sand Mining Leases of Tata steel, Jharia Division by DGPS Survey and Preparation of Georeferenced Cadastral Map of the Mining Leases.	Dr. Dheeraj Kumar Dr. V.V. Govind Kumar	ME	Tata Steel
161.	3376	Proof Checking of two box bridges for railway Loading.	Prof. S.C. Dutta Dr. S. K. Panda Dr. Sauket Nayak	Civil	RL
162.	3377	Slake Durability Index of Coal Samples of Bahraband Underground Mine, SECL, Supplied by JMS Mining Services Pvt. Ltd.	Prof. A. K. Mishra	ME	JMSMSPL
163.	3378	Social Impact Study of three Washeries of BCCL	Prof. A. K. Pal Dr. Biswajit Paul	ESE	CIL
164.	3379	Testing of Construction Materials.	Dr. S. K. Panda Dr. Sanket Nayak Dr. Tanish Dey Dr. S. Choudhury Dr. S. S. Mohapatra	Civil	JRD
165.	3380	Testing of Construction Materials.	Dr. S. K. Panda Dr. Sanket Nayak Dr. Tanish Dey Dr. S. Choudhury Dr. S. S. Mohapatra	Civil	JRD
166.	3381	Proximate analysis on equilibrated basis and determination of coking parameters.	Prof. V. K. Saxena	FME	BCCL
167.	3382	Sampling and Analysis of Sudamdih Coal Washery Slurry.	Prof. N. Suresh	FME	SGSPL.
168.	3383	Testing of Coal Sample.	Dr. Shravan Kumar	FME	KCJ
169.	3384	Scientific study for Establishing Best Blasting Practice at Gere (Gaya) Block No.3 Stone Quarry of M/s NEC Ltd.	Prof. VMSR Murthy Dr. B. S. Choudhary	ME	NECL
170.	3385	Testing of Coal Samples.	Dr. Shravan Kumar Prof. N. R. Mandre	FME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
171.	3388	Mineral Hardness of Garnet Sands for M/S SGS India Private Ltd.	Prof. A. S. Venkatesh Dr. P. R. Sahoo	.AGL	SGSPL
172.	3390	Evaluation of performance and behavior of ventilation and Safety Instruments of Mekon International Dhanbad.	Prof. D. C. Panigrahi	ME	MID
173.	3391	Evaluation of performance and behavior of ventilation and Safety Instruments of Sayal D Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
174.	3392	Evaluation of performance and behavior of Ventilation and Safety Instruments of Mandaman Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
175.	3393	Evaluation of performance and behavior of Ventilation and Safety Instruments of Shyampur B Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
176.	3394	Analysis and Interpretation of air Samples of SSI Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
177.	3395	Evaluation of performance and behavior of Ventilation and Safety Instruments of Tawa-I Mine.	Prof. D. C. Panigrahi	ME	SECL
178.	3396	Evaluation of performance and behavior of Ventilation and Safety Instruments of Bera Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
179.	3397	Evaluation of performance and behavior of Ventilation and Safety Instruments of Argada Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
180.	3398	Analysis of Interpretation of gas Samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
181.	3399	Evaluation of Performance and behavior of Ventilation and Safety Instruments of Silwara Sub Area WCL	Prof. D. C. Panigrahi	ME	WCL
182.	3400	Evaluation of performance and behavior of Ventilation and Safety Instruments of bhowrah (W) Mine, BCCL	Prof. D. C. Panigrahi	ME	BCCL
183.	3401	Evaluation of performance and behavior of Ventilation and Safety Instruments of MRS Dhansar, BCCL	Prof. D. C. Panigrahi	ME	BCCL
184.	3405	Determination of RMR of Pair of inclines from surface to XV Seam underground and design of Support Indu-SCCL CGME Consortium.	Shri P. K. Behera	ME	Indu-SCCL CGME
185.	3406	Determination of Properties of the Supplied rock samples for stone wire crates as per is standard supplied by NTPC, Lara CG.	Prof. A. K. Mishra	ME	NTPC
186.	3408	Environmental Audit of Matrix Fertiliz by Third Party.	Dr. B. K. Mishra Dr. Alok Sinha	ESE	MFCL
187.	3409	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Mekon International, Dhanbad	Prof. D. C. Panigrahi	ME	MID
188.	3410	Scientific Study for reopening of Panel M-9 of 7A1 (Top) Seam of Malga Colliery, Hasdeo area, SECL	Prof. D. C. Panigrahi	ME	SECL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
189.	3411	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Kenda Area, ECL	Prof. D. C. Panigrahi	ME	ECL
190.	3412	Testing of Construction Materials.	Dr. S. K. Panda Dr. Sanket Nayak Dr. Tanish Dey Dr. S. Choudhury Dr. S. S. Mohapatra	Civil	JRDAD
191.	3413	Testing of Coal Samples	Dr. Shravan Kumar Prof. N. Suresh	.FME	AKALPL
192.	3414	Determination of Specific Gravity of Seven Coal Samples (two Samples from RVII Seam, two Samples from RVIIA seam and three samples RVI Seam) of Jhajra Project Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
193.	3415	Learn from Each Other (LEO) Workshop, SAIL, Ranci	Prof. R. Venugopal	FME	SAIL
194.	3416	Testing of Rock Cores of Parbati Hydro Project M/s Gammon-CMC Joint Venture.	Prof. VMSR Murthy	ME	CCMCJ
195.	3417	Scientific Study for Controlling The Ground Vibrations and Improving The dragline Productivity in DudhiChua and Nigahi Mines, Singrauli, NCL	Prof. VMSR Murthy Prof. V. K. Singh Dr. B.S. Choudhary	ME	NCL
196.	3418	Testiing of Construction Meterial.	Dr. S. K. Panda	Civil	JRDA
197.	3419	Geological investigations to Evaluate Reserve of Meterial available in Situ at Khanak Stone Mines Tehsil Tosham	Prof. A. S. Venkatesh Dr. P. R. Sahoo Dr. Dheeraj Kumar	AGL	KSMTTB
198.	3421	Proof Checking of Drawings for National Memorial of Dr. APJ Abdul Kalam at Rameswaram.	Prof. S. C. Dutta Dr. S. K., Panda Dr. Sanket Nayak	Civil	DRDO
199.	3422	Off-Campus Course on Advance Geostatistics for HZL Geoscientists. During 13 - 17 Feb., 2017	Prof. B. C. Sarkar	AGL	HZL
200.	3424	Preparation of course Module for Controlled Blasting.	Prof. A. K. Mishra Prof. D. C. Panigrahi	ME	
201.	3425	Testing of Construction Meterials.	Dr. S. Nayak	Civil	JRDA Dhanbad
202.	3426	Testing of Construction Meterials.	Dr. S. Nayak	Civil	JRDA Dhanbad
203.	3427	Mining and Environment	Dr. Biswajit Paul	ESE.	ADANIEL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
204.	3428	Scientific study for designing Blast Rounds to Produce Required Sizes of Rocks for Marine and Onshore Facilities Works and Planning for Yield Analysis at Jafrabad Project, Gujrat (PHASE-2)	Prof. VMSR Murthy Dr. B. S. Choudhary	ME	DDIL.
205.	3429	Techno Ecibinuc Study for Transportation of Ash from NTPC Korba to Bishrampur & Manikpur Open Cast Mines for its Utilization.	Prof S. K. Gupta Dr. S. R. Samaddar	ESE	NTPC
206.	3430	Socio-economic Survey and Rehabilitation Studies of Adani Enterprises Ltd. Mines.	Dr. Biswajit Paul Prof. A. K. Singh	ESE	ADANI
207.	3431	Designing Detailed Blasting Scheme for Land Development Through Controlled Rock Blasting at navi Mumbai International Airport Packages I to IV and Allied Excavation.	Dr. B. S. Choudhary Prof VMSR Murthy	ME	DRDO
208.	3432	Scientific study for controllled blasting at Bagaiya Stone Quarry Chattarpur, Jharkhand.	Prof. VMSR Murthy	.ME	BSMCJ
209.	3433	DGPS Survey of Demarked Lease Boundary Pillars of existing lease hold area, old lease hold area & forest area of Tulsidamar Dolomite Mines, SAIL and Geo-referencinig of cadastral map of Ghagra, Gorgaon, and Saraiya mining leases of Bhawnathpur Group of Mines, SAIL into WGS 84 coordinates.	Dr. Dheeraj Kumar	ME	SAIL
210.	3435	One day Workshop at Tata Steel R & D	Prof. R. Venugopal	FME	TATA
211.	3437	Blast design & optimization of the drilling & Blasting Pattern for all underground and open works at Ellanthakunta in Karimnagar Dist. Telangana state.	Prof. A. K. Mishra Prof. D. C. Panigrahi	ME	EKT
212.	3438	Blast design for conducting controlled blasting with regard to blast induced vibration, control of flying fragments while working on the faces which are close to structures at masonry stone mines, situated at Bakhrija Plot 4, village- Bakhrija, Tehsit Narnaul, Haryana.	Prof. A. K. Mishra Dr. B. S. Choudhary	ME	GBPCL
213.	3439	Determination of Physical Properties of High Set Remote Prop Supplied by PVR Inshield Bituminous Pvt. Ltd.	Prof. A. K. Mishra	ME	PVRIBPL
214.	3440	Determination of Physical Properties of High set Remote Prop Supplied by Boldie Mining sealants Pvt. Ltd.	Prof. A. K. Mishra	ME	BMSPL
215.	3441	Determination of Physical Properties of Cement Capsule Supplied By Sujua Area BCCL	Prof. A. K. Mishra	ME	BCCL
216.	3442	Determination of Tensile Strength of Rock Specimen of Goriganga III A HE Project	Prof A. K. Mishra	ME	NHPC
217.	3443	Testing of Construction Material	Dr. Sanket Nayak Dr. S. K. Panda Dr. S. Chakraborty Dr. S. S. Mohapatra	Civil	CPWD

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
218.	3444	Determination of Cerchar Abrasivity of BCCL Rock Samples of VE Commercial Vehicle Ltd.	Prof. V. M. S. R. Murthy	ME	BCCL
219.	3447	Sampling and Analysis of Coal samples dispatched from BCCL, CCL & SECL	Prof. N. Suresh	FME	CCK
220.	3448	Evaluation of performance and behavior of mine safety instruments and Analysis and Interpretation of Mine air Samples of Bhurkunda B Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
221.	3449	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of B K Interprises Dhanbad.	Prof. D. C. Panigrahi	ME	BKID
222.	3450	Evaluation of Performance and Behavior of Mine Safety Instruments and Analysis and Interpretation of Mine Air Samples of Phularitand Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
223.	3451	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Parbelia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
224.	3452	Analysis and Interpretation of air Samples of Hariajam Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
225.	3453	Analysis and Interpretation of air Samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
226.	3454	Evaluation of Performance of NVE dust Collector of Atlas Copco Mining and Rock Excavation Techniques	Prof. D. C. Panigrahi	ME	ACMRET
227.	3455	Full bench test for self contained Self rescuer of one hour duration as per IS 15803-2008 of Intesh Safety Pvt. Ltd. Kolkata	Prof. D. C. Panigrahi	ME	Kolkata
228.	3456	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Noonudih Jitpur Colliery SAIL	Prof. D. C. Panigrahi	ME	SAIL
229.	3457	Functional Ability test of Self rescuers of PB Project Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
230.	3458	Determination of Specific gravity and Silica Content of One rock Sample Supplied by Volvo Groyup Trucks, Bangalore.	Prof. D. C. Panigrahi	ME	VGTB
231.	3459	Chemical testing of a few elements on the composition of Remote Setting Prop of Baldie Mining sealants Pvt. Ltd. Dishergarh.	Prof. D. C. Panigrahi	ME	BMSL
232.	3460	Third Party Sampling of Coal Supplied From CCL Washeries and Mines to SAIL Steel Plants.	Prof. Nikkam Suresh Prof. V. K. Saxena	FME	SAIL
233.	3461	Analysis of Coal Sample from Obara Thermal Power Station.	Dr. Shalini Goutam	FME	OTPP
234.	3462	Testing for Physical Properties of Coarse and Fine Aggregates.	Dr. Sanket Nayak Dr. S. K. Panda Dr. S. Chakraborty Dr. T. Dey Dr. S.Ss. Mohapatra	Civil	DVC



Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
235.	3463	Testing for Physical Properties of Coarse and Fine Aggregates.	Dr. Sanket Nayak Dr.S. K. Panda Dr. S. Chakraborty Dr. T. Dey Dr. S. S. Mahapatra	Civil	DVC
236.	3464	Determination of some Physical and Chemical Properties of quick setting Cement Capsules of Sijua area BCCL	Prof. D. C. Panigrahi	ME	BCCL
237.	3465	Functional ability test of Self rescuers of ECL and Sponsored by Intech Safety Pvt. Ltd. as Per their Arrangement.	Prof. D. C. Panigrahi	ME	ISPL
238.	3466	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Lakhimata Colliery Mugma Area, ECL.	Prof. D. C. Panigrahi	ME	ECL
239.	3467	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Silewara Sub. Area, WCL	Prof. D. C. Panigrahi	ME	WCL
240.	3468	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of MRS Dhansar.	Prof. D. C. Panigrahi	ME	MRSD
241.	3469	Techno Economic Study for Transportation for Fly ash from CSPGCL Korba manikpur Open Cast Mines.	Dr. B. K. Mishra Prof. S. K. Gupta	ESE	CSPGCL
242.	3470	Water quality Analysis for drinking Purpose in Dhorikhas Colliery.	Dr. B. K. Mishra	ESE	Bokaro
243.	3473	Scientific Study for Support Design of a Inter Seam Tunnel in adriyala Underground Mine.	Prof. U. K. Singh	ME	SCCL
244.	3474	Determination of Cerchar Abrasivity Index and Cerchar Hardness Index of Some rock samples of L&T STEC JV, Mumbai.	Prof. VMSR Murthy	ME	L&T
245.	3476	A study into Present Atmospheric conditions including the conditions of fire areas for Improving Safety in Sijua Colliery Tata Steel Ltd.	Prof. D. C. Panigrahi	ME	TATA
246.	3477	Determination of degree of gassiness of Seam II and Seam III at Gare Palma Mine, Hindalco Industries Ltd.	Prof. D. C. Panigrahi	ME	HIL
247.	3478	Eveluation of Performance and Behavior of Safety Instruments of Kunustoria Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
248.	3479	Evaluation of Performance and Behavior of Safety Instruments of Saoner Sub-Area WCL	Prof. D. C. Panigrahi	ME	WCL
249.	3480	Evaluation of Performance and Behavior of Safety Instruments of Katras Area and Govindpur Area BCCL	Prof. D. C. Panigrahi	ME	BCCL
250.	3481	Analysis and Interpretation of air Samples of Dhori(K) Colliery CCL	Prof. D. C. Panigrahi	ME	CCL
251.	3482	Sampling and Analysis of Coal samples dispatched fromSECL	Prof. N. Suresh	FME	CCK
252.	3483	Detailed Mineralogical Characterization of Manganese Ores of MOIL.	Dr. P. R. Sahoo Prof. A. S. Venkatesh	AGL	MOIL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
253.	3485	Study on Underground Coal Mining in CIL - Problems, Potential, Technology, Modernisatio, Production and Safety - Part A.	Prof. S. Chaudhuri Prof. R. M. Bhattacharjee Prof. D. C. Panigrahi	ME	CMPDIL
254.	3484	Assessment & Certification and Preparation of Yearly Mine Closure Activities of 5 mines of GMDC	Dr. Biswajit Paul	ME	GMDC

**Total value of the Consultancy projects received during the Financial Year 2016-17 (up to 31 March., 2017): INR 795.23 Lakhs**

**C. Professional Development Programmes (PDP) & (DST) Executed during Financial Year 2016-17 (up to 31 March, 2017):**

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks	Department
1.	21 - 23 April, 2016	Underground Coal Mining - Advances in Technology & Management.	Prof. R. M. Bhattacharya	9	1	ME
2.	3224 26 - 28, 2016	Application of Modern Tools and Techniques for Mine Surveying.	Dr. Dheeraj Kumar Mr. V. G. K. Villuri	16	1	ME
3.	3195 9 - 13 May, 2016	Energy Management and Energy Audit in Mines.	Dr. Tanmoy Maity Prof. T. K. Chatterjee	14	1	MME
4.	3219 24 -25 May, 2016	Dealers Development Programme for Indian Oil Dealers.	Dr. Saumya Singh Prof. Promod Pathak	40	1	MS
5.	3208 27 – 29 May, 2016	Recent Trends in Microwave and Photonic Technology (RTMPT).	Dr. S. K. Raghuwanshi Dr. R. B. Choudhary			ECE
6.	3220 25 - 27 May, 2016	Water Quality and Management.	Dr. S. R. Samadder Dr. B K. Mishra	14	1	ESE
7.	3222 26 - 28 May, 2016	Advanced Device Modeling and VLSI Technology (ADMVT 2016).	Dr. Subindu Kumar Dr. Mukul Kumar Das	5	1	ECE
8.	3214 1 – 3 June, 2016	Data Storage and processing Techniques in Cloud environment.	Dr. Dharavath Ramesh	34	1	CSE
9.	3221 2 - 4 June, 2016	Recent Trends in Waste Management Practices.	Dr. Vipin Kumar Dr. M. K. Jain	24	1	ESE
10.	9.5.2016 to 10.6.2016	Intensive Training Program for Management Trainers of E&M Cadre of CIL	Prof. A. K. Mukhopadhyaya Mr. Ajit Kumar	19	5	MME
11.	9.5.2016 to 10.6.2016	Intensive Training Program for Management Trainers of Excavation Cadre of CIL	Prof. K. Dasgupta Dr. Niranjana Kumar	18	5	MME
12.	3228 13 – 17 June, 2016	Image Processing Algorithms and Applications.	Dr. Arup Kumar Pal Dr. Soumen Bag	14	1	CSE
13.	3230 20- 24 June, 2016	Reliability and Safety analysis	Dr. Subhashish Chatterjee Dr. Abhishek Kr. Singh	9	1	MATH
14.	3235 20 – 24 June, 2016	Wireless Sensor Networks.	Prof. P. K. Jana Mr. T. Amgoth	13	1	CSE
15.	DST/18/AGP/2016-17 18 – 20 April, 2016	Earthquake Hazard awareness for Real Estate Technical Personnel.	Dr. P. N. S. Roy	26	1	AGP

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks	Department
16.	DST/19/Math/2016-17	Differential equations and their applications in Science and Engineering (DEASE-2016)	Dr. M. K. Singh	35	3	MATH
17.	DST/20/AP/2016-17 16 – 20 May, 2016	SERB, DST sponsored National Training Program on LASERS: Technology And Applications In Engineering.	Dr. V. K. Rai Dr. P. Mishra			PHY
18.	DST/21/Math/2016-17 26 – 30 June, 2016	Dynamic Systems: Theory & Applications.	Dr. Badam Singh Kushvash	54	1	MATH
19.	3236 11 - 15 July, 2016	Ambient Air Quality Assessment, Prediction and control.	Dr. M. K. Jain Dr. Vipin Kumar Dr. S. Pandian	14	1	ESE
20.	3317 4 - 6 July, 2016	Principles of Geomechanics and Wellbore Stability Modeling	Dr. Rima Chatterjee	7	1	AGP
21.	3318 13 - 15 July, 2016	A programme on "Case Study Methodology and Development for BCCL on the them of "....from Land breakers to Earth Makers"	Prof. Promod Pathak Prof. Satish K. Sinha	15	1	MS
22.	3361 4th July, to 5th Aug., 2016	Intensive Training Program for Management Trainers of E&M Cadre of CIL	Prof. T. K. Chatterjee Dr. Ajit Kumar	17	5	MME
23.	3360 4th July, to 5th Aug., 2016	Intensive Training Program for Management Trainers of Excavation Cadre of CIL	Prof. A. K. Mukhopadhyaya Dr. Niranjana Kumar	19	5	MME
24.	3263 27 – 29 July, 2016	Monitoring of Ecological Restoration Success and Carbon Sequestration Using Remote Sensing and GIS	Dr. S. R. Samadder Prof. S. K. Maiti	22	1	ESE
25.	3264 1 - 5 Aug., 2016	Modern Petroleum Industry and Its Challenges.	Dr. T. K. Naiya Prof. T. Kumar	32	1	PE
26.	3286 1 – 8 Aug, 2016	Mining and Environment	Dr. Biswajit Paul	34	2	ESE
27.	3266 18 - 20 Aug., 2016	Occupational Health, Safety & Environment at Kolkata	Prof. A. K. Pal Dr. B. Paul	28	1	ESE
28.	3276 8 - 11 Aug, 2016	Recent Developments in Blasting Practices for Improved Productivity and Safety in Mines at ISM for IOCL Executive	Prod. A. K. Mishra Prof. R. M. Bhattacharjee	15	1	ME
29.	3280 29.8.2016 to 01.9.2016	Lubrication and Lubricants. At Kolkata.	Dr. Niranjana Kumar Prof. A. K. Mukhopadhyay	25	1	MME
30.	3281 11 to 12 Aug., 2016	Managing Executive Stress. at Kolkata	Prof. Promod Pathak Dr. Saumya Singh	16	1	MS

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks	Department
31.	3282 10 - 12 Aug., 2016	Contracts and Materials Management in Coal Mining Industry. At Kolkata	Prof. Chandan Bhar Dr. Niladri Das	13	1	MS
32.	3288 29.8.2016 to 02.9. 2016	Modeling & Simulation of Optoelectronic Devices and solar Photovoltaics at ISM Dhanbad.	Dr. Mukul Kr. Das Dr. Subindu Kumar	12	1	ECE
33.	3285 22 - 26 August, 2016	Maintenance and Troubleshooting of Hydraulic Systems Used in HEMM.	Prof. K Dasgupta Dr. Jayanta Das	21	1	MME
34.	3362 8.8.2016 to 9.9.2016	Intensive Training Program for Management Trainers of (E&M) (Excavation) Cadre of CIL	Prof. K. Dasgupta Dr. R. R. Das	20	5	MME
35.	3262 12 – 07 Oct., 2016	Petroleum Engineering for the Executives of Reliance India Ltd.	Prof. A. K. Pathak Prof. T. Kumar Prof. V. P. Sharma	12	4	PE
36.	3303 13 - 24 Sept., 2016	Controlled Blasting Management and Safety for Road Construction in Mountainous Area for BRO Officers.	Prof. A. K. Mishra Dr. B. S. Choudhary	13	2	ME
37.	3386 12 – 23 Sept., 2016	EDP on Project & Financial Management with Application Software for MCL Executives	Prof. J. K. Pattanayak Prof. Chandan Bhar	20	2	MS
38.	3339 12 Sept. - 07 Oct., 2016	Four weeks course on Practical Mine Surveying for Mine Surveyors and Apprentice in Mine Surveying.	Dr. Dheeraj Kumar Prof. P. Sen	11	4	ME
39.	3301 12 - 16 Sept., 2016	Project Management with Application Software.	Dr. Sandeep Monadal Dr. Niladri Das	14	1	MS
40.	3302 5 - 9 Sept., 2016	Hands on Session on MONOSEK Real Time Network Packet Processing & Network Session Analysis.	Dr. Sachin Tripathi Dr. Arup Kr. Pal	32	1	CSE
41.	3267 19 - 30 Sept., 2016	Training Programme for MECL Executives on Mineral Resource Evaluation and Geostatistics	Prof. B. C. Sarkar	12	2	AGL
42.	3305 21 - 23 Sept., 2016	Three days Training programme on Water Quality and Management for Thermal Power Plants.	Dr. S. R. Samadder	12	1	ESE
43.	3368 21 - 23 Sept., 2016	Formulation of Corporate Plan for NHPC Ltd.	Dr. Niladri Das	13	1	MS
44.	3372 26 - 28, Sept., 2016	Rock Mechanics of Hydro-Power Projects.	Prof. VMSR Murthy Dr. G. Budi	12	1	36
45.	3370 26 - 30 Sept., 2016	Sustainable Mining Capability Building (SMCB)	Prof. Omprakash Prof. Satish K. Sinha	20	1	20
46.	3329 18 - 22 October, 2016	Advanced Treatment of Solid and Hazardous Waste Current Perspectives.	Dr. Vipin Kumar Dr. M. K. Jain	14	1	0

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks	Department
47.	3345 7 - 9 Nov., 2016	Mining Equipment Safety Practices.	Dr. L A Kumaraswamidash Shri Ajit Kumar	0	0	MME
48.	3304 9 – 11 Nov., 2016	Management of Water Resources near Mining Industrial Areas.	Dr. P. K. Singh	24	1	ESE
49.	3348 2.11.16 to 14.11.16	Mine Management, Legislation and General Safety.	Prof. R. M. Bhattacharjee Prof. D. C. Panigrahi	18	2	28
50.	7.11.16 to 9.12.16	Intensive Training Program for Management Trainers of Excavation Cadre of CIL .	Prof. K. Dasgupta Dr. R. R. Das	18	5	MME
51.	7.11.16 to 9.12.16	Intensive Training Program for Management Trainers of E & M Cadre of CIL.	Prof. A.K. Mukhopadhyay Dr. A. S. Hati	28	5	MME
52.	3375 24 - 28 Nov., 2016	Applications of Statistics in Advanced Research.	Dr. G. Viswakarma	19	1	Math
53.	3304 05 - 09 Dec., 2016	PDP Mining Value Chain	Prof. VMSR Murthy Dr. Dheeraj Kumar	10	1	ME
54.	3407 05 - 16 Dec.,2016	Controlled Blasting Management and Safety for Road Construction for AEE (Civil) of Border Road Organisation.	Prof. A. K. Mishra Dr. B.S. Choudhury Dr. Hemant Kumar	11	2	ME
55.	DST/23/AGP/2016-17 12 – 17 Dec., 2016	Geophysical Software Practices for Subsurface Imaging.	Dr. P. N. S. Roy Prof. Shalivahan	30	1	AGP
56.	12.12.16 to 13.01.16	Intensive Training Program for Management Trainers of Excavation Cadre of CIL .	Prof. T. K. Chatterjee Dr. R. R. Das	9	5	MME
57.	12.12.16 to 13.01.17	Intensive Training Program for Management Trainers of E & M Cadre of CIL.	Prof. A.K. Mukhopadhyay Dr. A. S. Hati	30	5	MME
58.	3365 6 - 10 Feb., 2017	Short Term Training Programme on "ground Water Contamination and Modeling Approaches.	Dr. M. K. Singh	31	1	Math
59.	19 - 23 Dec., 2016	Water Quality & Treatment. Plant Operation.	Dr. B. K. Mishra	13	1	0
60.	3387 19 - 23, Dec., 2016	Wireless LAN and Bluetooth security.	Prof. G. P. Biswas Dr. Hari OM Dr. A. K. Pal	13	1	CSE
61.	3389 26 – 30 Dec., 2016	Electrical Safety in Mines at Kolkata.	Prof. P. K. Sadhu Dr. Nitai Pal	17	1	EE
62.	3423 9 - 21 Jan., 2017	Controlled Blasting Management & Safety for Road Construction in Himalayan Territory.	Prof. A. K. Mishra,	15	2	ME
63.	11 - 13 Jan., 2017	Drilling & Blasting Techniques for Surface & Underground Excavations.	Prof. VMSR Murthy Dr. B. S. Choudhary	12	1	ME

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks	Department
64.	3402 16 Jan - 10 Feb., 2017	Petroleum Engineering for the Executives of Reliance India Ltd.	Prof. A. K. Pathak Prof. T. Kumar Prof. V. P. Sharma Dr. T. K. Naiya	15	4	PE
65.	3420 21 – 25 Jan., 2017	Recent Trends in Wireless Sensor Networks and Internet of Things.	Prof. P. K. Jana Mr. T. Amgoth	16	1	CSE
66.	16 - 23 Jan, 2017	Mining Environment	Dr. Biswajit Paul	8	2	ESE
67.	23 - 27 Jan., 2016-17	Pelletizing and Sintering.	Prof. R. Venugopal	23	1	FME
68.	23 Jan., 2017 to 3 Feb., 2017	Blasting Practices for Improved Productivity and Safety.	Prof. A. K. Mishra	19	2	ME
69.	23.01.17 to 24.02.17	Coal Preparation Principles & Plant Practices	Prof. N. Suresh	12	5	FME
70.	6 - 10 Feb., 2017	Personal Communication and Optical Monitoring System for Coal Mines.	Prof. Vishnu Priye Prof S. K. Sinha	18	1	ECE
71.	3445 27.02.17 03.03.17	Data Mining and Its Applications	Dr. Rajendra Pamula Dr. A. C. S. Rao	35	1	CSE
72.	02 - 05 March, 2017	Advancements in Blasting Technology and Safety Management in Mines	Prof. A. K. Mishra Prof. R. M. Bhattacharjee	15	1	ME
73.	20 Feb.2017 to 24 March., 2017	Five weeks Intensive Training Program for Executives (E & M Cadre) from CI.	Prof. A. K. Mukhopadhyay Dr. Niranjana Kumar	25	5	MME
74.	20 Feb.2017 to 24 March., 2017	Five weeks Intensive Training Program for Executives (Excavation Cadre) from CI.	Prof. K. Dasgupta Dr. Jayanta Das	23	5	MME

**Total value of the PDP & DST executed during the Financial Year 2016-17 (up to 31 March., 2017.): INR 623.56 Lakhs**

## D. Summary:

Total value of the projects carried forward from the Previous Financial Years	INR	1202.78	Lakhs
Total value of the projects received during the Financial Year 2016-17 (up to 31 March., 2017)	INR	795.23	Lakhs
Total value of the PDP & DST executed during the Financial Year 2016-17 (up to 31 March.,2017)	INR	623.56	Lakhs
<b>Total Value of the Projects carried out during the Financial Year 2016-2017</b>	<b>INR</b>	<b>2621.57</b>	<b>Lakhs</b>

## Abbreviations of the Department:

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

## Abbreviations of the Sponsoring Organizations:

1. ABTPS : Anpara B. Thermal Power Station Sonebhadra
2. ACL : Auroma Coke Ltd., Dhanbad
3. ACMRE : TAtlas Copco Mining and Rock Excavation Techniques
4. AL : Almil Ltd. New Delhi
5. AEPL : Airef Engineers (P) Ltd., Gurgaon
6. ARDS : Aditi R & D Services, Sindri
7. ASPL : Accenture Services Pvt. Ltd., Hyderabad
8. ACL : Atlas Copco (India) Ltd. Nasik - 7
9. ATPS : Anpara Thermal Power Station Sonebhadra
10. AKALPL : AKA Logistics Pvt. Ltd. Kolkata
11. AWC : Advance Welding Corporation, Dhanbad
12. AVCTPL : Adani Vizag Coal Terminal Pvt. Ltd. Ahmedabad.
13. ADE : Adani Enterprises Ltd.
14. AML : M/s Anani Enterprises Ltd., Godda



15. APEXGE	: APEX Geotech Engineers New Delhi
16. ACL	: Ambuja Cement Ltd. Ambujanagar
17. ADANIEL	: Adani Enterprises Ltd.
18. BAL	: Balasore Alloys Ltd., Orissa
19. BACL	: Bharat Aluminium Co. Ltd.
20. BCCL	: Bharat Coking Coal Limited, Dhanbad
21. BDMBIL	: Business Development Mining BASF India Ltd.
22. BIT	: BIT Mesra Ranchi
23. BKE	: B. K. Enterprises, Dhanbad
24. BGQM	: Banam Guttuu Quartzite Mine, Jamshedpur
25. BGRM	: BGR Mining, Hyderabad
26. BLAIL	:M/s BLA Industries (P) Ltd. M.P.
27. BMSL	: Boldie Mining Sealants (P) Ltd.
28. BSL	: Blue Star Ltd., Mumbai
29. BASF	: BASF India Ltd., Mumbai
30. BCL	: Birla Corporation Ltd. Satna
31. B&K	: B & K Area CCL
32. BM	: Balaji Minechem Dhansar, Dhanbad
33. BIOMKC	: Bailadila Iron Ore Mine Krandul Complex
34. BSMCJ	: Bagaiya Stone Mines, Chattarpur, Jharkhand
35. CMSPL	: Calcutta Mining Sealants Pvt. Ltd.
36. CCL	: Central Coalfield Limited, Ranchi
37. CCO	: Coal Controllers, Org. Dhansar, Dhanbad
38. CCK	: Govt. of India office of the Coal Controller, Kolkata
39. CCO	: Coal Controllers, Org., Asansol
40. CDE	: CDE Asia Ltd.
41. CESE	: CESE Limited Kolkata
42. CGWB	: Central Ground Water Board, Patna
43. CIMFR	: Central Institute of Mining & Fuel Research, Dhanbad
44. CSPGCL	: Chhattisgarh State Power Generation Company Ltd.
45. CIL	: Coal India Ltd., Kolkata
46. CPWD	: Central Public Work Division, Dhanbad
47. CCMCJV	: Cammon-CMC Joint Venture Distt. Kullu.
48. CTL	: Castron Technologies Ltd., Dhanbad
49. DCL	: Dalmia Cement(Bharat) Ltd., Chennai
50. DDIL	: Dharti Dredging & Infrastructure Ltd., Vishakhapatnam
51. DMTCP	: DMT Consulting (P) Ltd. Kolkata - 56
52. DTTIPL	: Deloitte Touche Tohmatsu India (P) Ltd., Secunderabad.
53. DTE	: Directorate of Technical Education Govt. of MP

54. DWS	: DWS Division, Hazaribagh
55. DVC	: Damodar Valley Corporation
56. DYT D	: Durgapur Youth Technology, Durgapur
57. DDIL	: Dharti Dredging and Infrastructure Ltd
58. DRDO	: Govt. of India Ministry of Defence DRDO, New Delhi
59. ECL	: Eastern Coalfield Limited, Sanctoria
60. EOL	: Essar Oil Ltd., Durgapur
61. ESCL	: Electrosteel Castings Ltd., Kolkata
62. ESSAR	: Raniganj
63. ENCL	: Eastern Naphtha - Chem Ltd. Dhanbad.
64. EKT	: Ellanthakunta in Karim nagar Dist of Telangana State
65. FACOR	: Facor, Bhadrak.
66. FCIAGMIL	: FCI Aravali Gypsum and Minerals India Ltd. Jodhpur.
67. FFCCMSPL	: FF Chem of Calcutta Mining Sealants Pvt. Ltd.
68. EGECPL	: Excelling Geo & Engineering (EGE) Consultan Pvt. Ltd.
69. GIOM	: Ghatkuri Iron Ore Mines of M/s Nirmal Kumar Pradeep Kumar
70. GEIPL	: GE India Industrial Pvt. Ltd.
71. GMDC	: Gujarat Mineral Development Corporation, Ahmedabad
72. GOCL	: Gulf Oil Corporation Ltd., Dhanbad
73. GIMC	: Govt. of India, Ministry of Coal, New Delhi.
74. GW	: Godrej Waterside, Kolkata
75. GTPL	: Gen Technologies Pvt. Ltd., Mohali
76. GPTIL	: GPT Infra Projects Ltd. Kolkata.
77. GGP	: Govt. of Goa, Porvorim Goa
78. GBCPL	: Gradient Business Consulting Pvt. Ltd., Haryana
79. HGMCL	: Hutti Gold Mines Co. Ltd., Raichur
80. HIL	: Hindalco Industries Ltd. Ranchi
81. HIL	: Hindalco Industries Ltd., Sambalpur.
82. HLR	: Hindalco Limited, Raigarh
83. HZL	: Hindustan Zinc Ltd.
84. HPCL	: Hindustan Petroleum Corporation Ltd., Ranchi
85. HCL	: Harish Cement Ltd. Sundernagar (HP)
86. IIM	: Indian Institute of Management Ranchi
87. IL	: Infosys Limited, Pune
88. IL&FSE&C	: IL&FS Engineering and Construction Co.Lt.
89. IPL	: Indu Projects Ltd. Hyderabad
90. ISPL	: Intech Safety Pvt. Ltd. Calcutta
91. SIIABM	: M/s Shridham Industries Industrial Area, Birkoni, Mahasamund. C. G.
92. JBEPL	: Jaya Bharat Equipment Pvt. Ltd., Kolkata

93. JIPL	: Jharkhand Integrated Power Ltd. Mumbai
94. JMSMSP	: JMS Mining Services Pvt. Ltd. Kolkata-91
95. JNIL	: Jayaswal Neco Industries Ltd., Raigarh
96. JPL	: Jindal Power Ltd., Raigarh
97. JRD	: Jharia Rehabilitation, Deptt. Dhanbad
98. JSS	: Jindal Stainless Steel, Jajpur
99. JCMKJSL	: Jindal Chromite Mines Kaliapani, Jindal Stainless Ltd.
100. JSS	: Jay Shree Shyam Enterprise, Chirkunda, Dhanbad
101. JLDMPPL	: Joseph Leslie Dynamiks Mfg. Pvt. Ltd. Mumbai
102. JYJDK	: Jai Yamuna Ji Developers Karnal - 1
103. KAR	: M/s Kuhushal Arjun Rathor
104. KCM	: Khetri Copper Mine and Kolihan Copper Mine Khetri
105. KCSC	: K.C. Sharma & Co., Dhanbad
106. KI	: Kaphila Industries, Dhanbad
107. KCJ	: M/s Kanha Construction, Jhansi
108. KPMGAS	: KPMG Advisory Services (P) Ltd. Gurgaon
109. KSMTT	: Khanak Stone Mines Tehsil Tosham, Bhiwani
110. LWCPL	: Legihton Welspun Contractors Pvt. Ltd. Gurgaon
111. LFSE	: LFS Engineering
112. MC	: Ministry of Coal, New Delhi
113. MCL	: Mahanadi Coalfield Ltd., Sambalpur, Orissa
114. ME	: Many Enterprises, Dhanbad
115. MECL	: Mineral Exploration Corporation Ltd. Nagpur
116. MFCL	: Matix Fertilisers and Chemicals Ltd., Burdwan, W.B.
117. MIL	: Muva Industries Ltd
118. MIL	: Mekon International Ltd., Dhanbad
119. MIEL	: Monnet Ispat & Energy Ltd., Raigarh
120. MM	: Ministry of Mines, Govt of Islamic Republic of Afghanistan
121. MMDPL	: MMD (India) Pvt. Ltd., Kolkata
122. MNDCPL	: MN Dastur & CO (P) Ltd., Kolkata
123. NMDC	: NMDC, Ltd., Hyderabad
124. MOIL	: MOIL Ltd., Nagpur
125. MoM	: Govt. of India Ministry of Mines, New Delhi.
126. MPLM	: Mercator Petroleum Ltd., Mumbai.
127. MRS	: Mines Rescue Station, Dhanbad
128. MSEL	: Menally Sayaji Engineering Ltd.
129. MSRT	: Ministry of Shipping Road Transport, Andaman
130. NEERI	: National Environmental Engineering Research Institute Nagpur
131. BIOM	: Bihar Iron Ore Mines, M/S Nirmal Kumar Pradeep Kumar

132.	NSPL	: Nalwa Steel and Power Ltd., Raigarh
133.	NTPC	: National Thermal Power Corporation
134.	NCL	: Northern Coalfield Limited
135.	NTB	: New Techsol, Bangalore
136.	NECL	: Nuvayuga Engineering Col. Ltd.
137.	OSPB	: Orissa State Pollution Board, Orissa
138.	OTPPPO	: Obra Thermal Power Project Obra.
139.	PCMEC	: Parbatpur Coal Mine of Electrosteel Castings Ltd.
140.	PEL	: Premier Explosives Ltd. Secunderabad.
141.	PIL	: Prakash Industries Ltd., Janjgit Champa(CG)
142.	PPL	: Paradeep Phosphates Ltd.
143.	PTPP	: Parichha Thermal Power Project Parichha, Jhansi
144.	PUPL	: Pre-Stressed Udyog (India) Pvt. Ltd., Dhansar, Dhanbad
145.	PSML	: Pursh Steels & Mining (P) Ltd.
146.	PSDL	: Pursuit Software Development (P) Ltd.
147.	PCL	: Parsa Collieries Ltd. Chhattisgarh
148.	PVR	: PVR Inshield Bituminous Pvt. Ltd
149.	PWC	: PWC, Hyderabad
150.	PSMSMAMF	: Private Secretary of Ministry of State, Ministry of Agriculture and Ministry of Food Processing Industries, New Delhi-110001
151.	PUM	: Polytechnical University of Madrid (PUM)
152.	PTPS	: Ponki Thermal Power Station, Panki. Kanpur
153.	PA&APL	: P. Arora & Associates Pvt. Ltd. New Delhi
154.	QCD	: Quality Control Deptt. Kolkata
155.	RCMLD	: Rajmahal Coal Mining Ltd, Godda
156.	KAR	: M/s Kuhushal Arjun Rathor
157.	RBI	: Reserve Bank of India, Patna
158.	REL	: Revathi Equipment Ltd., Coimbatore
159.	RCL	: Rodic Contents Ltd., Ranchi
160.	RL	: Rites Ltd.
161.	RRP	: Rescue Room, Patherkhera Area
162.	RSS	: Rik Sales & Services, Asansol
163.	SAPL	: Sandvik Asia Pvt. Ltd., Bangalore
164.	SA	: Sorabh Automobiles Dhanbad
165.	SAFL	: Sri Aurobindo Fuels Ltd., Dhanbadg
166.	SAIL	: Steel Authority of India Limited
167.	SCCL	: Singareni Collieries Company Ltd.
168.	SCIPL	: Superintendence Co of India (P) Ltd.
169.	SECL	: South Eastern Coalfield Ltd.
170.	SEL-GKC	: SEL-GKC (JV), Dhanbad
171.	SGSIPL	: SGS India Pvt. Ltd., Kolkata

172.	SHPL	: Skylark Hotel Pvt. Ltd., Dhanbad
173.	SGI	; Satguru Gum Industries, Mumbai
174.	SPJSML	: SPJ Steel at Mineral Ltd., Bhopal.
175.	SMC	: M/s Singhbhum Mineral Company
176.	SSGL	: Sesa Goa Ltd., Chitradurga
177.	SSSEPL	: Swati Safe Secure Equipments. Pvt. Ltd., Mumbai
178.	SU	: Shanti Udyog, Dhanbad
179.	SMIOL	: Sandur Manganese and Iron Ores Ltd., Bellary
180.	SVFU	: Sri Venkateshwara Fibre Udyog, Bangalore.
181.	SCTE & VT	: Odisa
182.	TCML	: Tubed Coal Mines, Ltd., Ranchi
183.	TIPL	: Tega Industries Pvt. Ltd.
184.	TSL	: Tata Steel Ltd.
185.	TVPL	: Tirupati Viniyoge Pvt. Ltd.
186.	L&T	: L & T Construction, New Delhi
187.	UCIL	: Uranium Corporation of India Limited
188.	VGTB	: Valvo Group Trucks Bangalore
189.	VL	: Voltas Ltd.
190.	VPL	: Vikram Pvt. Ltd., Sundargarh
191.	VPT	: Visakhapatnam Port Trust
192.	VUNO	: Vidyut Utpadan Nigam Ltd. Obara - 19
193.	WBMDTCL	: West Bengal Mineral Development & Trading Corporation Ltd.
194.	WCL	: Western Coalfield Limited
195.	XT	: Xstra Technology, Australia
196.	ZGM	: Zawar Group of Mines, Rajasthan