

EXECUTED DURING FINANCIAL YEAR 2018-19
UPTO 31ST JULY, 2018

A. Consultancy Projects carried forward from Previous Years:

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
1.	0023	Mine air Analysis of CCL	Prof. D. D. Pathak	AC	CCL
2.	0028	Mine air Analysis of CCL, Karo Special Project Bokaro Thermal.	Prof. D. D. Pathak	AC	CCL
3.	0035	Mine air Analysis of CCL	Prof. D. D. Pathak	AC	CCL
4.	0056	Mine Air analysis of CCL, Hazaribag Area (Kedla Underground Project.	Prof. D. D. Pathak	AC	CCL
5.	0062	Modeling and simulation studies for designing the ventilation system of Peddampetta Shaft Project.	Prof. D. C. Panigrahi	ME	SCCL
6.	0064	Modeling and simulation studies for designing the ventilation system of Shantikhani Longwall Project	Prof. D. C. Panigrahi	ME	SCCL
7.	0066	Modilling and Simulation studies for designing the ventilation system of Jallaram Shaft Project.	Prof. D. C. Panigrahi	ME	SCCL
8.	0069	Mine Air Analysis of BCCL, Maheshpur Colliery, Area-III, Gobindpur.	Prof. D. D. Pathak	AC	BCCL
9.	0073	Mine Air Analysis of CCL, Kargali (UG) Mine (BSI) B & KK Area, Bokaro.	Prof. D. D. Pathak	AC	CCL
10.	0078	Mine Air analysis of Shaft Mine, Sudamdih, E.J. Area, BCCL	Prof. D. D. Pathak	AC	BCCL
11.	0098	Mine Air Analysis of Kedla U/G Project	Prof. G. Udayabhanu	AC	CCL
12.	0131	A study of ventilation network of the existing mine (GDK011A) and establishing an integrated ventilation network for designing the ventilation system of peddampetta shaft Block Project.	Prof. D. C. Panigrahi	ME	SCCL
13.	0433	Modeling of 5 inch stub cyclone treating Iron Ore Fines.	Prof. N. Suresh	ESE	TIPL
14.	0476	Insitu test of Toe-wall side of Katri River near Ramkanali Colliery,	Shri P. K. Behera	ME	BCCL
15.	0770	Analysis of Coal, Jhama, Rangi Jhama,	Prof. V. K. Saxena	FME	SAIL
16.	0777	Mine Air analysis of Kedla U/G Project, CCL Hazaribag.	Dr. M. Yadav	Chemistry	CCL
17.	0778	Representation of EMPs for NCPH UG and Kuracia OC Mines of Chirimiri Area of SECL as per EIA Notification – 2006	Prof. Gurdeep Singh	ESE	SECL

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18.	0922	Mine Air Analysis of Karo Special Project Ph-II, CCL. Bokaro Thermal Bokaro.	Dr. M. Yadav	Chemistry	CCL
19.	0925	Rehabilitation of Jharia - Mine Survey in the area of Fire Zone area of Jharia Coalfields	Prof. Gurdeep Singh	ESE	JRD
20.	0962	Building Institutional Capacity for Sustainable Environment and Social Management in Mining Sector in Afghanistan	Prof. Gurdeep Singh	ESE	MM
21.	0969	Evaluation of performance and behaviour of gas detectors of Sudamdih Incline Mine, E.J. Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
22.	0975	Documentation of the Thematic Cluster of Mining As per CSD Guidelines.	Prof. Gurdeep Singh	ESE	MOEF
23.	1077	Evaluation of performance and behaviour of gas detectors of East Basseria Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
24.	1086	Evaluation of performance and behaviour of gas detectors of Kuja Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
25.	1104	Evaluation of performance and behaviour of gas detectors	Prof. D. C. Panigrahi	ME	BCCL
26.	1245	Scientific study to design the construction of dam in the U/G Mine	Shri P. K. Behera	ME	BCCL
27.	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
28.	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
29.	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
30.	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
31.	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
32.	1394	Evaluation of Performance and Behaviours of gas detectors of Katras Area	Prof. D.C. Panigrahi	ME	BCCL
33.	1483	Pressure-Quantity Survey of Argada Colliery	Prof. D.C. Panigrahi	ME	CCL
34.	1484	Pressure-Quantity Survey of Roy Bachra Colliery	Prof. D. C. Panigrahi	ME	CCL

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35.	1485	Pressure-Quantity Survey of Roy Bachra Colliery	Prof. D. C. Panigrahi	ME	CCL
36.	1486	Pressure-Quantity Survey of Roy Bachra Colliery	Prof. D. C. Panigrahi	ME	CCL
37.	1497	Evaluation of Performance and Behaviour of gas detectors of Pathekhera Colliery	Prof. D. C. Panigrahi	ME	WCL
38.	1565	Evaluation of Performance and Behaviour of gas detectors of Rampur Sub Area.	Prof. D C Panigrahi	ME	MCL
39.	1575	Evaluation of Performance and Behaviour of gas detectors of Topa Colliery	Prof. D C Panigrahi	ME	CCL
40.	1627	Determination of Some Physical and Chemical Properties of quick Setting Cement Capsules of Phularitand Colliery	Prof. D. C. Panigrahi	ME	BCCL
41.	1673	Analysis and Interpretation of Mine air Samples	Prof. D. C. Panigrahi	ME	CIMFR
42.	1697	Evaluation of Performance and Behavior of gas detectors of Dabor Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
43.	1734	Analysis and Interpretation of air samples of Kunustoria Area ECL.	Prof. D. C. Panigrahi	ME	ECL
44.	1741	Analysis and Interpretation of air samples of swati safe services Pvt. Ltd.	Prof. D. C. Panigrahi	ME	SSSEPL
45.	1747	Evaluation of performance and behavior of gas detectors Bejdih Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
46.	1779	Evaluation of Performance and Behaviour of gas detectors of Hirakhand Bundia Mine MCL	Prof. D. C. Panigrahi	ME	MCL
47.	1955	Preparation of Environmental Management Report for DVC Mines.	Dr. B. Paul	ESE	DVC
48.	1976	Analysis and Interpretation of Mine air Sample of Chapapur Colliery	Prof. D. C. Panigrahi	ME	ECL
49.	1989	Off-Campus on Best Blasting practices for improved Productivity in U/G Metal Mines for HZL Executives	Dr. A. K. Mishra	ME	HZL
50.	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
51.	2033	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bhawra(W) Colliery.	Prof. D. C. Panigrahi	ME	BCCL

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52.	2046	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Talcher Colliery, MCL.	Prof. D. C. Panigrahi	ME	MCL
53.	2047	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Dhori Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
54.	2051	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Dhansar Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
55.	2055	Technical Advisory on setting up of Coal Washery - Phase - A	Prof. S. Bhattacharya	FME	DTTIPL
56.	2059	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Alkusa Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
57.	2067	Analysis of Coal Sample of Washed Coal (Power) of Mahuda Coal Washery	Prof. V. K. Saxena	FME	BCCL
58.	2072	Evaluation of performance and Behavior of gas detectors and Analysis and Interpretation of air Samples.	Prof. D. C. Panigrahi	ME	JNIL
59.	2076	Evaluation of Performance and Behavior of gas detectors of Bankala Area.	Prof. D. C. Panigrahi	ME	ECL
60.	2109	Development of Mine Air Colling Systems for Mines, Blue Star Ltd.	Prof. D. C. Panigrahi	ME	BSL
61.	2116	Study of Illegal Mines in CIL Subsidiaries (ECL, BCCL, CCL).	Dr. Biswajit Paul	FME	CIL
62.	2117	Study to Evaluate the Schemes of Science and Technology Program of Ministry of Mines.	Prof. U. K. Singh	ME	MoM
63.	2160	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Bartunga Colliery, SECL.	Prof. D. C. Panigrahi	ME	SECL
64.	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
65.	2184	Analysis and Interpretation of air Samples of Hariazam Colliery ECL.	Prof. D. C. Panigrahi	ME	ECL
66.	2187	Evaluation of Performance and Behavior of Safety instrument of Dobari Colliery Bastacola Area BCCL.	Prof. D. C. Panigrahi	ME	BCCL
67.	2192	Evaluation of Performance and Behavior of Safety Instruments of Hurriladiah Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL

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68.	2193	Evaluation of Performance and Behavior of Safety Instruments and air Sample Analysis of Badgna Colliery ECL.	Prof. D. C. Panigrahi	ME	BCCL
69.	2194	Evaluation of Performance and Behavior of gas detectors of Silewar Sub Area, WCL.	Prof. D. C. Panigrahi		WCL
70.	2210	Repid EIA/EMP for Sand Lease of Tata Steel, Kunji.	Dr. Biswajit Paul	ESE	TSL
71.	2211	Rapid EIA/EMP for Sand Lease of Tata Steel - Dungri & Bhowrah.	Dr. Biswajit Paul	ESE	TSL
72.	2212	Rapid EIA/EMP for Sand Lease of Tata Steel - Mohulbani & Gourkhuti	Dr. Biswajit Paul	ESE	TSL
73.	2213	Rapid EIA/EMP for Premsinghdih Sand Lease of Tata Steel	Dr. Biswajit Paul	ESE	TSL
74.	2215	Analysis and interpretation of air Samples of Sandra Bansjora Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
75.	2227	Coal Sample Analysis work for CHNS	Prof. V. K. Saxena	FME	SGSIPL
76.	2259	Evaluation of Performance and Behavior of Safety Instruments Analysis and Interpretation air Samples of Barraree Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
77.	2262	Analysis and Interpretation of air samples of Shaft Mine Sudamdih, BCCL	Prof. D. C. Panigrahi	ME	BCCL
78.	2264	Evaluation of Performance and Behavior of Safety Instruments of Bhowrah South Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
79.	2277	Evaluation of Performance and Behavior of Ventilation and safety Instruments of Sudamdih Shaft Mine, BCCL	Prof. D. C. Panigrahi	ME	BCCL
80.	2280	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Basantimata Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
81.	2286	Evaluation of Performance and Behavior of Safety Instruments of Jayrampur Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
82.	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
83.	2297	Evaluation of Performance and Behavior of gas detectors of Dabor Colliery	Prof. D. C. Panigrahi	ME	ECL

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84.	2302	Evaluation of Performance and Behavior of gas detectors of Jharia UG Mine and Malga Colliery Hasdeo Area	Prof. D. C. Panigrahi	ME	SECL
85.	2304	Analysis and Interpretation of air Samples of North Tisra Colliery	Prof. D. C. Panigrahi	ME	BCCL
86.	2311	Evaluation of Performance and Behavior of gas detectors MRS Dhanisar Dhanbad	Prof. D. C. Panigrahi	ME	BCCL
87.	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
88.	2313	Analysis and Interpretation of air Samples of Hingiri Rampur Colliery, MCL	Prof. D. C. Panigrahi	ME	MCL
89.	2315	Preparation of Environmental Management Report for DVC Mines.	Dr. Biswajit Paul	ESE	DVC
90.	2322	Evaluation of performance and Behavior of Ventilation and Safety instruments of RIK Sales	Prof. D. C. Panigrahi	ME	RS
91.	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
92.	2339	Evaluation of Performance and Behavior of Safety Instruments of Rescue Room, Surakachha-Balgi Sub Area, WCL	Prof. D. C. Panigrahi	ME	WCL
93.	2344	Design of Mechanised System of stopping for Ukwa Mine of MOIL	Prof. U. K. Singh	ME	MOIL
94.	2356	Evaluation of Sustainable Development Project of ECL under MOU 2013-13 (First Phase)	Dr. P. K. Singh	ESE	ECL
95.	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
96.	2369	Evaluation of Performance and Behavior of Ventilation and Safety equipment's, and Analysis and Interpretation of Air Samples of Sendra Bansjora Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
97.	2371	Environmental Monitoring by Third Party	Dr. S. K. Gupta	ESE	NTPC
98.	2372	Functional Ability tests of Self Rescuers of Baikunthapur Area Bilaspur, SECL	Prof. D. C. Panigrahi	ME	SECL
99.	2375	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Kuya Colliery	Prof. D. C. Panigrahi	ME	BCCL
100.	2376	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Salanpur Colliery BCCL	Prof. D. C. Panigrahi	ME	BCCL
101.	2383	Geological and Geophysical Surveys in and Around the Proposed Atleged Gold Treasure Sites in UP	Prof. Atul Kr. Verma	AGL	PSMSMAMF P

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102.	2392	Disaster management Plan for Coking Coal Washery.	Dr. Biswajit Paul	ESE	TSL
103.	2404	Evaluation of Performance and Behavior of Ventilation and Safety Instruments West Jhagorakhand Colliery Hasdeo Area SECL	Prof. D. C. Panigrahi	ME	SECL
104.	2405	Evaluation of Performance and Behavior of Ventilation and Safety Instruments Pench Area WCL	Prof. D. C. Panigrahi	ME	WCL
105.	2410	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Patherkhera Area, WCL	Prof. D. C. Panigrahi	ME	WCL
106.	2415	Evaluation of Performance and Behavior of Ventilation and Safety Instruments of Govindpur Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
107.	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
108.	2436	Determination of some physical and Chemical properties of quick setting cement capsule of Katras Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
109.	2438	Evaluation of performance and behavior of Ventilation and safety instruments of Argada Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
110.	2441	Setting up suitable Municipal solid waste management Technique	Dr. S.R. Samaddar	ESE	NMDC
111.	2464	Analysis of Interpretation of air Samples of Parbatpur Colliery Electrosteel Castings Ltd.	Prof. D. C. Panigrahi	ME	PC E C
112.	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
113.	2489	Testing of Coal samples.	Prof. N. R. Mandre	FME	BCCL
114.	2491	Size Analysis Using Cyclosizer	Mr. Anand Anupam	FME	CDE
115.	2492	Environmental Evaluation for Opencast and Underground Feasibility for Parso Block, CSPGL, AEL	Dr. Biswajit Paul	ESE	PCL
116.	2498	Determination of CPT, IPT and Moisture Content of Coal Samples Shankarpur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
117.	2522	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Kurja UG Mine, Hansdeo Area SECL.	Prof. D. C. Panigrahi	ME	SECL
118.	2525	Proximate Analysis of Wash Coal (Power) Samples	Prof. S. Bhattacharya	FME	BCCL

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119.	2529	Testing of Geotechnical and Environmental Parameters of LD/BF Slag for Stowing Purpose.	Dr. Biswajit Paul	ESE	TSL
120.	2545	Evaluation of Behavior and Performance Ventilation and Safety Instruments of Advance Welding Corporation Dhanbad	Prof. D. C. Panigrahi	ME	AWCL
121.	2565	Field Investigations Modelling and Simulation Studies for designing Ventilation System of Rajpura Darioba Mines HZL (2nd years)	Prof. D. C. Panigrahi	ME	HZL
122.	2566	Evaluation of Performance and Behavior of Safety Instruments Mine Rescue Room, Parasia WCL	Prof. D. C. Panigrahi	ME	WCL
123.	2577	Evaluation of Performance and Behavior of Safety Instruments Salanpur Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
124.	2578	Evaluation of Performance and Behavior of Safety Instruments Bhagaband Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
125.	2580	Characterization of Phosphate fines and Associated test work for Flowsheet.	Dr. S. Bhattacharya	FME	PUM
126.	2594	Evaluation of Performance and Behavior of Safety Instruments of Moonidih Colliery, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
127.	2605	Evaluation of Performance and Behavior of Safety Instruments of Palkimara Incline SECL	Prof. D. C. Panigrahi	ME	SECL
128.	2630	Evaluation of Performance and Behavior of Safety Instruments of Amalgamated Keshalpur West Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
129.	2650	Calibration of Force Measuring device of Pre-Stressed Udyog (India) Pvt. Ltd.	Dr. A. K. Mishra	ME	PUPL
130.	2659	Determination of Compressive and Anchorage Strength of quick Setting Cement Capsule of Moonidih Project, BCCL	Dr. A. K. Mishra	ME	BCCL
131.	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
132.	2695	Evaluation of Performance and Behavior of Safety Instruments of Shyampur B. Incline , ECL	Prof. D. C. Panigrahi	ME	ECL
133.	2697	Analysis and Interpretation of Mine air Samples of Jarangdih UG Mine, CCL	Prof. D. C. Panigrahi	ME	CCL
134.	2700	Testing of Water Samples Around Rajrappa Area	Mr. Brijesh Kumar	ESE	HIL

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135.	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
136.	2726	Evaluation of performance and behavior of safety instruments of ADI Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
137.	2736	Testing of Coal Samples	Sri Shravan Kumar	FME	UML
138.	2737	Testing of Coal Samples	Prof. N. R. Mandre	FME	AKALPL
139.	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
140.	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
141.	2753	Testing of Coal Samples.	Prof. N. R. Mandre	ME	AKALPL
142.	2755	Evaluation of Performance and behavior of safety instruments of Somna Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
143.	2757	Evaluation of performance and behavior of safety instruments of Moonidih Project, BCCL	Prof. D. C. Panigrahi	ME	BCCL
144.	2760	Determination of RMR of III Seam Incline of Salanpur Colliery, BCCL	Dr. A. K. Mishra	ME	BCCL
145.	2762	Compressive strength testing of RCC tramline sleeper.	Dr. A. K. Mishra	ME	BM
146.	2763	Evaluation of performance and Behavior of Ventilation and Safety instrumentations of Saunda D. Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
147.	2766	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Narsamunda Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
148.	2769	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Tawa Mine, WCL	Prof. D. C. Panigrahi	ME	WCL
149.	2770	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Sarni Mine, WCL	Prof. D. C. Panigrahi	ME	WCL
150.	2773	GCV Determination of Coal Sample and analysis of magnetite content, BCCL	Prof. N. R. Mandre	FME	BCCL
151.	2779	Calibration of Force Measuring device.	Dr. A. K. Mishra	ME	MUVA.

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152.	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
153.	2787	Evaluation of performance and behavior of safety instruments of Jhanjra Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
154.	2793	Analysis of Amient air Sample and Water Sample from Main Mine discharge of Bararee Colliery, BCCL	Dr. B. K. Mishra	ESE	BCCL
155.	2794	Technical Consultancy for Wastewater Management and Control of Water Pollution from plant and Mines of Kirandul Complex	Dr. S. K. Gupta	ESE	NMDC
156.	2641	Subsidence monitoring at Essar Raniganj CBM Block at Durgapur (RG(E)-CBM-2001/1 Block	Dr. Dheeraj Kumar	ME	ESSAR
157.	2797	Testing of Dust Bond (OC)	Prof. S. K. Maiti	ESE	CMSPL
158.	2798	Testing of Dust Ioniser (HR)	Dr. S. R. Samadder	ESE	PVR
159.	2802	Testing of Coal Samples	Prof. N. R. Mandre	FNE	ECL
160.	2803	Testing of Coal Samples	Shri Sharvan Kumar	FNE	AKALPL
161.	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
162.	2807	Geotechnical lab testing of drill core samples from RA mine HZL.	Dr. A. K. Mishra	ME	HZL
163.	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
164.	2822	Evaluation of Performance and Behavior of Safety Instruments of MRS Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
165.	2823	Evaluation of Performance and Behavior of Safety Instruments of MRS Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
166.	2824	Investigation into degree of gassiness of XV Seam KB 10/12 Pits Colliery, PB area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
167.	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
168.	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

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169.	2819	Determination of Striping ratio of Laikdih Quarry of Ramnagar Colliery, SAIL	Dr. Dheeraj Kumar	ME	SAIL
170.	2843	Testing of Cook Stove Prototype	Prof. V. K. Saxena	FME	NEERI
171.	2844	Testing of Coal Sample	Prof. N. R. Mandre Shri Shravan Kumar	FME	KCSC
172.	2845	Testing of Coal Sample	Shri Shravan Kumar Prof. N. R. Mandre	FME	AKALPL
173.	2865	Evaluation of performance and behavior of mine safety instruments of Kendra Area, ECL	Prof. D. C. Panigrahi	ME	ECL
174.	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	ME	WCL
175.	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	ME	BCCL
176.	2875	Evaluation of Performance and Behavior of Mine Safety Instruments of Murpar U/G Mine WCL	Prof. D. C. Panigrahi	ME	WCL
177.	2883	Investigation into degree of Gassiness of RVIII (Bottom) of Moira Colliery, Bankola Area, ECL	Prof. D. C. Panigrahi	ME	ECL
178.	2888	Assessment of Talabira-1 Working as per Mine Plan and Mine Closure Plan	Dr. Biswajit Paul Prof. S. K. Maiti	ESE	HIL
179.	2889	Testing of Coal Samples	Dr. B. K. Nandi Shri S. Soren	FME	CCO
180.	2891	Evaluation of Performance and Behavior of Mine Safety Instruments of Katras Chotudih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
181.	2892	Determination of Some Physical and Chemical Properties of quick Setting Cement Capsule of Lueky Fuel & Binder Enterprises	Prof. D. C. Panigrahi	ME	LFBE
182.	2893	Determination of Comprissive and Anchorage Strength of quick Setting Cement Capsules of Lucky Fuel & Binder Enterprises	Prof. A. K. Mishra	ME	LFBE
183.	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
184.	2905	Evaluation of Performance and Behavior of Mine Safety Instruments of Rajnagar RO Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
185.	2906	Evaluation of Performance and Behavior of Mine Safety Instruments of Jhiria UG Mine 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
186.	2913	Analysis and Interpretation of Mine air Samples of CIMFR, Dhanbad	Prof. D. C. Panigrahi	ME	CIMFR,
187.	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
188.	2919	Evaluation of Performance and Behavior of Mine Safety Instruments Bijuri Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
189.	2920	Evaluation of Performance and Behavior of Mine Safety Instruments Salanpur Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
190.	2925	Evaluation of performance and behavior of mine safety instruments MRS Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
191.	2928	Testing of Coal Samples.	Prof. N.R. Mandre Shri S. Kumar	FME	BCCL
192.	2929	Evaluation of Furnace Oil Sample.	Dr. Vikash Mahato Prof. V. P. Sharma	PE	SII ABM.
193.	2937	Evaluation of Performance and Behavior of Mine Safety Instruments Godhar Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
194.	2938	Evaluation of Performance and Behavior of Mine Safety Instruments Sawang Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
195.	2939	Evaluation of Performance and Behavior of Mine Safety Instruments Parbelia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
196.	2941	Evaluation of Performance and Behavior of Mine Safety Instruments Palkimara Incline Hasdeo Area, SECL	Prof. D. C. Panigrahi	ME	SECL
197.	2943	Evaluation of Performance and Behavior of Mine Safety Instruments PB Project Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
198.	2949	Study of Leaching of Heavy Metals.	Dr. S. K. Gupta Mr. B. Mishra	ESE	TSL
199.	2951	LOI of fly ash samples.	Prof. V. K. Saxena Mr. Suresh Yatirajula, Dr. S. Sengupta	Chemical	DVC.
200.	2953	Audit and Evaluation of Blast design for Road Construction at Dharchula	Prof. A. K. Mishra Dr. B. S. Choudhury	.ME	BRO
201.	2954	Proof Checking of a footing of size 1.1 m x 2.2 m	Dr. S. K. Panda	.Civil	PA&APL
202.	2965	Evaluation of Performance and Behavior of Mine Safety Instrumentation Saner Colliery, 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
203.	2967	Calibration of force measuring device (1000 kN & 2000 kN Capacity) as per IS 4169:1988 in compression.	Prof. A. K. Mishra	ME	PSULD
204.	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.
205.	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
206.	2980	Determination of Compressive Strength and Grushing Strength for Coal samples of SSI Colliery Sripur Area, ECL	Prof. A. K. Mishra	ME	ECL
207.	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
208.	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
209.	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
210.	2986	Evaluation of performance and behavior of mine Safety Instruments of Ray Bachhara Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
211.	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
212.	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
213.	3001	Testing of Coal Samples.	Shri Shravan Kumar Prof. N. R. Mandre	FME	BCCL
214.	3002	Testing for Coal Samples.	Shri Shravan Kumar Prof. N. R. Mandre	FME	ECL
215.	3005	analysis and Interpretation of air Samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
216.	3006	Evaluation of Performance and Behavior of Safety Instruments of Simlabahal Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
217.	3011	Testing of Arsenic in 05 Nos. of Water Samples.	Dr. S. R. Samaddar Prof. S. K. Maiti	.ESE	NCL
218.	3012	Determination of degree of gassiness of IV-A seam of Haldibari UG Mines, SECL.	Prof. D. C. Panigrahi	ME	SECL
219.	3014	Evaluation of performances and behavior of Safety Instruments of Jhanjra Project Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
220.	3017	Characterisation and Beneficiations Studies on SMIORE Manganese Samples.	Prof. Nikkam Suresh	FME	SMIOL
221.	3026	Evaluation of performance and behavior of Mine Ventilation and Safety instruments of Gaurangdi Bequnia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
222.	3028	Estimation of Support Requirement KTK-5 Incline	Prof. U. K. Singh	ME	SCCL
223.	3035	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Topa OCP, CCL	Prof. D. C. Panigrahi	ME	CCL
224.	3036	Evaluation of performance and Behavior of Mine Ventilation and Safety instruments of MRS Dhanbad	Prof. D. C. Panigrahi	ME	MRS
225.	3037	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Saoner Sub Area, WCL	Prof. D. C. Panigrahi	ME	WCL
226.	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
227.	3041	Testing of Coal Samples of ECL	Dr. Shравan Kumar Prof. N. R. Mandre	ME	ECL
228.	3047	Analysis and Interpretation of Mine air Samples of Haripur Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
229.	3053	Analysis of Water samples from BCCL	Dr. M. K. Jain Dr. Vipin Kumar	ESE	BCCL
230.	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.
231.	3059	Determination of Compressive strength and Crushing Strength for coal samples of SSI Colliery, Sripur Area ECL.	Prof. A. K. Mishra	ME	ECL
232.	3060	Testing of Coal Samples.	Dr. B. K. Nandi Prof. N. R. Mandre	FME	CCL
233.	3066	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Patherkhera Area, WCL	Prof. D. C. Panigrahi	ME	WCL
234.	3067	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Silwara Sub Area, WCL	Prof. D. C. Panigrahi	ME	WCL
235.	3068	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Patherkhera Area, WCL	Prof. D. C. Panigrahi	ME	WCL
236.	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
237.	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

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
238.	3073	PDP on Mining Equipment Safety Practices	Dr. LA Kumaraswamidhas Shri Ajit Kumar	MME	UCIL
239.	3075	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Churi Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
240.	3077	Investigation into of gassiness of one seam of Muraidih Colliery Borora Area BCCL	Prof. D. C. Panigrahi	ME	BCCL
241.	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
242.	3087	Evaluation of performance and behavior of safety instruments of Balajee Udyog, Dhanbad.	Prof. D. C. Panigrahi	ME	Dhanbad
243.	3094	Determination of some physical and Chemical Properties of quick setting Cement Capsules of Katras Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
244.	3102	Calibration of force Measuring device (500 kN capacity) of M/s Muva Industries Ltd.	Prof. A. K. Mishra	ME	MIL
245.	3103	Determination of Compressive Strength and Weather ability for Coal Samples of Bastacola Colliery, BCCL	Prof. A. K. Mishra	ME	BCCL
246.	3112	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Somna Colliery, SECL	Prof. D. C. Panigrahi	ME	SECL
247.	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
248.	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
249.	3120	Evaluation of performance and behavior of safety instruments of Jharia UG Mine, SECL	Prof. D. C. Panigrahi	ME	SECL
250.	3138	Evaluation of performance and behavior of Safety instruments of Tumulapalle Mine, UCIL.	Prof. D. C. Panigrahi	ME	UCIL
251.	3140	Evaluation of performance and behavior of Safety instruments of Bejdih Colliery, Sodepur Area, ECL	Prof. D. C. Panigrahi	ME	ECL
252.	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
253.	3147	Reviewing the HSE Documents of Adani Enterprises Ltd. (AEL) Mining Business.	Prof. R. M. Bhattacharjee	ME	AEL
254.	3156	Stack Monitoring at MPL Dhanbad	Dr. Suresh Pandian E Dr. B. K. Mishra	ESE	MPL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
255.	3161	Analysis and Interpretation of Mine Air Samples of Parbolia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
256.	3171	Analysis of Wastewater Samples 4 Nos.	Dr. S. K. Gupta Dr. B. K. Mishra	ESE	CPWD
257.	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
258.	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
259.	3175	Testing of Coal Sampling.	Prof. N. R. Mandre Dr. Shravan Kumar	FME	AKALPL.
260.	3179	Analysis of Coal samples from Opera Thermal Power Station.	Dr. Shalini Gautam Sri S. Soren	FME	VUNO
261.	3180	Suitability test Water of Tata Steel Jamadoba	Prof. S. K. Gupta	ESE	TATA
262.	3186	Evaluation of performance and behavior of Mine Ventilation and Safety instruments of Dharam Incline, SECL	Prof. D. C. Panigrahi	ME	SECL
263.	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
264.	3188	Evaluation of performance and behavior of Mine Ventilation and Safety instruments of Kuju Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
265.	3199	Analysis and Interpretation of Mine air Samples of Parbelia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
266.	3200	Analysis and Interpretation of Mine air Samples of Orient 1 & 2 Colliery, MCL	Prof. D. C. Panigrahi	ME	MCL
267.	3207	Evaluation of performance and behavior of firefighting Chemical FF Chem of Calcutta Mining Scalants Pvt. Ltd.	Prof. D. C. Panigrahi	ME	FFCCMPL
268.	3216	Determination of slake durability Index of aggregates of M/s KNIL Supplied by NTPC, Lara, CG.	Prof. A. K. Mishra	ME	NTPC
269.	3223	Determination of Slake durability Index of aggregates of M/s AMR Supplied by NTPC Lara, CG	Prof. A. K. Mishra	ME	NTPCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
270.	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
271.	3227	Coal Samples Analysis	Prof. V. K. Saxena	FME	DVC BTPS
272.	3237	Geo-referencing of cadastral Map of Sitanala Coal Block of Chasnalla Colliery, SAIL	Dr. Dheeraj Kumar	ME	SAIL
273.	3238	DGPS survey of Lease Boundary Pillars of Mclellan Mining Leases of Manoharpur Iron Ore Mines (MOM) SAIL	Dr. Dheeraj Kumar	ME	SAIL
274.	3239	Determination of Bulk density of one coal samples of XVI Seam Moonidih Colliery INDUZMJ Zhengzhou-Xinfeng Consortium	Prof. D. C. Panigrahi	ME	BCCL
275.	3240	Evaluation of performance and behavior of mine Ventilation and Safety Instruments of Murapur UG Mine, WCL	Prof. D. C. Panigrahi	ME	WCL
276.	3248	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Kankanee Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
277.	3255	Analysis and Interpretation of Mine air Samples of Jarangdih Colliery CCL	Prof. D. C. Panigrahi	ME	CCL
278.	3256	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Johila Area, SECL	Prof. D. C. Panigrahi	ME	SECL
279.	3270	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Baraoud OCM, SECL	Prof. D. C. Panigrahi	ME	SECL
280.	3260	Identification & Demarcation of Boundary 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	IICMP
281.	3271	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Tetulmari Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
282.	3274	Testing of Ground Water Quality Control NMDC	Dr. Anshumali Prof. A. K. Singh	ESE.	NMDC
283.	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
284.	3291	Evaluation of performance and mine ventilation and safety instruments of Murlidih 20/21 Pits Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
285.	3294	Analysis and interpretation of mine Air samples of IDL Explosives Ltd. Dhanbad.	Prof. D. C. Panigrahi	ME	IDLD

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
286.	3297	Evaluation of performance and behavior of mine ventilation and safety instruments of Rajur Incline Colliery, WCL	Prof. D. C. Panigrahi	ME	WCL
287.	3300	Feasibility Study of STP at West Bokaro Division (WBD)	Prof. S. K. Gupta Dr. Alok Sinha	ESE	TATA
288.	3308	Collection, Analysis and interpretation of gas samples of Western Jharia Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
289.	3309	Analysis and interpretation of gas samples of Jarangdih Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
290.	3315	Preparation of Environmental Statement Report for DVC Mines	Dr. Biswajit Paul	ESE	DVC
291.	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
292.	3320	Analysis and interpretation of mine air samples of Dhemomain Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
293.	3325	Evaluation of performance and behavior of mine ventilation and safety instruments of Sobhapur Colliery, WCL	Prof. D. C. Panigrahi	ME	WCL
294.	3327	Evaluation of performance and behavior of mine ventilation and safety instruments of Talcher Colliery, MCL.	Prof. D. C. Panigrahi	ME	MCL
295.	3328	Analysis and interpretation of mine air samples Methoni Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
296.	3335	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Khotadih Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
297.	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.
298.	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
299.	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
300.	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

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
301.	3351	Evaluation of performance and behavior of mine ventilation and safety instruments of R.R. Urimari UG, CCL	Prof. D. C. Panigrahi	ME	CCL
302.	3352	Evaluation of performance and behavior of mine ventilation and safety instruments of Basantimati Dahibari Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
303.	3355	Evaluation of performance and behavior of mine ventilation and safety instruments of Mine Rescue Station Dhansar, BCCL	Prof. D. C. Panigrahi	ME	BCCL
304.	3356	Evaluation of performance and behavior of mine ventilation and safety instruments of Mine Rescue Station, Ramgarh, CCL	Prof. D. C. Panigrahi	ME	CCL
305.	3357	Testing of coal Samples.	Dr. Shravan Kumar Dr. Shalini Gautam	ME	AKALPL
306.	3371	Testing of Coal Samples.	Dr. Sharvan Kumar Prof. N. R. Mandre	FME	BCCL
307.	3373	DGPS Survey and preparation of Georeferenced Cod astral Map of GOGI Uranium Mine of UCIL.	Dr. Dheeraj Kumar Md. Soyeb Alam	ME	UCIL
308.	3374	Identification & Demarcation of Area under Sand Mining Leases of Tata steel, Jharia Division by DGPS Survey and Preparation of Geo-referenced Cadastral Map of the Mining Leases.	Dr. Dheeraj Kumar Dr. V.V. Govind Kumar	ME	Tata Steel
309.	3378	Social Impact Study of three Washeries of BCCL	Prof. A. K. Pal Dr. Biswajit Paul	ESE	CIL
310.	3381	Proximate analysis on equilibrated basis and determination of coking parameters.	Prof. V. K. Saxena	FME	BCCL
311.	3383	Testing of Coal Sample.	Dr. Shravan Kumar	FME	KCJ
312.	3385	Testing of Coal Samples.	Dr. Shravan Kumar Prof. N. R. Mandre	FME	BCCL
313.	3391	Evaluation of performance and behavior of ventilation and Safety Instruments of Sayal D Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
314.	3392	Evaluation of performance and behavior of Ventilation and Safety Instruments of Mandaman Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
315.	3395	Evaluation of performance and behavior of Ventilation and Safety Instruments of Tawa-I Mine.	Prof. D. C. Panigrahi	ME	SECL
316.	3396	Evaluation of performance and behavior of Ventilation and Safety Instruments of Bera Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
317.	3397	Evaluation of performance and behavior of Ventilation and Safety Instruments of Argada Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
318.	3401	Evaluation of performance and behavior of Ventilation and Safety Instruments of MRS Dhansar, BCCL	Prof. D. C. Panigrahi	ME	BCCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
319.	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
320.	3417	Scientific Study for Controlling The Ground Vibrations and Improving The dragline Productivity in Dudhi Chua and Nigahi Mines, Singrauli, NCL	Prof. VMSR Murthy Prof. V. K. Singh Dr. B.S. Choudhary	ME	NCL
321.	3422	Off-Campus Course on Advance Geostatistics for HZL Geoscientists. During 13 - 17 Feb., 2017	Prof. B. C. Sarkar	AGL	HZL
322.	3427	Mining and Environment	Dr. Biswajit Paul	ESE.	ADANIEL
323.	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
324.	3430	Socio-economic Survey and Rehabilitation Studies of Adani Enterprises Ltd. Mines.	Dr. Biswajit Paul Prof. A. K. Singh	ESE	ADANI
325.	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-referencing 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
326.	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
327.	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
328.	3451	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Parbelia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
329.	3452	Analysis and Interpretation of air Samples of Hariajam Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
330.	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
331.	3461	Analysis of Coal Sample from Obara Thermal Power Station.	Dr. Shalini Goutam	FME	OTPPPO
332.	3466	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Lakhimata Colliery Mugma Area, ECL.	Prof. D. C. Panigrahi	ME	ECL
333.	3467	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Silewara Sub. Area, WCL	Prof. D. C. Panigrahi	ME	WCL
334.	3468	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of MRS Dhansar.	Prof. D. C. Panigrahi	ME	MRSD

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
335.	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
336.	3473	Scientific Study for Support Design of a Inter Seam Tunnel in Adriyala Underground Mine.	Prof. U. K. Singh	ME	SCCL
337.	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
338.	3478	Evaluation of Performance and Behavior of Safety Instruments of Kunustoria Colliery ECL	Prof. D. C. Panigrahi	ME	ECL
339.	3479	Evaluation of Performance and Behavior of Safety Instruments of Saoner Sub-Area WCL	Prof. D. C. Panigrahi	ME	WCL
340.	3481	Analysis and Interpretation of air Samples of Dhori(K) Colliery CCL	Prof. D. C. Panigrahi	ME	CCL
341.	3484	Assessment & Certification and Preparation of Yearly Mine Closure Activities of 5 mines of GMDC	Dr. Biswajit Paul	ME	GMDC
342.	3485	Study on Underground Coal Mining in CIL - Problems, Potential, Technology, Modernisation, Production and Safety - Part A.	Prof. S. Chaudhuri Prof. R. M. Bhattacharjee Prof. D. C. Panigrahi	ME	CMPDIL
343.	3494	Testing of Coal Samples	Dr. Shravan Kumar	FME	ECL
344.	3495	Analysis of Water Samples from Skylark Hotel Pvt. Ltd.	Dr. Vipin Kumar Dr. S. R. Samadder	ESE	SHPL
345.	3497	Preparation of Technical Feasibility report for the IInd phase expansion plan of Khetri Copper Mine for (a) extending the mine from 0 ML to (-1) 300 ML (b) if, the mine is to be extended from 0 ML to (-1) 180 ML.	Prof. P. Sen Dr. Dheeraj Kumar	ME	SECL
346.	3498	Analysis of Coal Sample from Anpara Thermal Power Station	Dr. Shalini Gautam	FME	ATPS
347.	3504	Monitoring of Ambient Air Quality of Katras Area BCCL as per NAAQS 2009	Dr. M. K. Jain Dr. Suresh PandianE	ESE	BCCL
348.	3508	Consultancy project Ball mill Size Calculations for Limestone grinding under Wet Condition for BHEL.	Prof. S. Bhattacharya Prof. A. K. Mukhopadhyay	FME & MME	BHEL
349.	3511	Passive, Package and Interconnect Modeling in design the mm-wave Si-CMOS/Bicom product	Dr. Santanu Dwari	ECE	LFSPSL
350.	3514	Third Party Quality Control/Assurance (TPQA) in Projects Executed by NIT Project Division, CPWD Jamshedpur	Prof. S. Dutta Dr. S. K. Panda Dr. Sanket Nayak	Civil	CPWD

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
351.	3521	Evaluation of Performance and Behavior of safety Instruments and analysis and Interpretation of Air Samples, Measurement dust Concentration and Noise levels etc. Chasnalla Colliery, SAIL	Prof. D. C. Panigrahi	ME	SAIL
352.	3522	Evaluation of Performance and Behavior of Safety Instruments of Sodepure Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
353.	3526	Analysis and Interpretation of Mine Air Samples of Satgram Area ECL	Prof. D. C. Panigrahi	ME	ECL
354.	3527	Evaluation of performance and Behavior of Safety Instruments of Roybachra Colliery Piparwar Area CCL	Prof. D. C. Panigrahi	ME	CCL
355.	3528	Evaluation of performance and Behavior of Safety Instruments of Kanhan Area WCL	Prof. D. C. Panigrahi	ME	WCL
356.	3531	Evaluation of performance and Behavior of Safety Instruments of Chinakuri Mine-III ECL	Prof. D. C. Panigrahi	ME	ECL
357.	3536	Storm Water Management Plan for Sanindpur Iron and Bauxite Mine of M/s Rungta Sons (P) Ltd.	Dr. Biswajit Paul	ESE	SRRG
358.	3537	Testing of Coal Samples.	Dr. Shravan Kumar	FME	ECL
359.	3541	Scientific study for designing a suitable method for extraction under surface features GDK-7 LEP RG-II Area SCCL	Prof. U. K. Singh	ME	SCCL
360.	3544	Study on the impact of traffic density on ecology and human community.	Dr. Biswajit Paul Dr. Suresh Pandian E	ESE	FCL
361.	3555	Geo-referencing of Cadastral map showing lease hold area forest area and forest land diversion area within the lease of Rajbar E & D Coal Mine, TVNL into WGS 84 Coordinates.	Dr. Dheeraj Kumar Dr. VVG Kumar	ME	TVNL
362.	3556	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Saoner Sub area, WCL	Prof. D. C. Panigrahi	ME	WCL
363.	3557	Analysis and Interpretation of Mine Air Samples of Sodepur ® Colliery, ECL.	Prof. D. C. Panigrahi	ME	ECL
364.	3558	Airborne dust Sampling of Ramnagore Colliery, SAIL	Prof. D. C. Panigrahi	ME	SAIL
365.	3559	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Narsumunda Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
366.	3560	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of MRS Dhanbad, BCCL	Prof. D. C. Panigrahi	ME	BCCL
367.	3563	Evaluation of performance and behaviour of mine ventilation and safety instruments of Bhatgaon Area, SECL	Prof. D. C. Panigrahi	ME	SECL
368.	3567	Testing of Coal Samples	Dr. Shravan Kumar	FME	MKC
369.	3568	Testing of coal Samples Received from Rajganj Thana.	Dr. Shravan Kumar	FME	SECL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
370.	3570	Technical Studies on Washability of Coal Samples from 8 Different Mines of CCL	Prof. N. Suresh	FME	CCL
371.	3577	Mineralogical Characterization of Bauxite ore from Utkal Alumina International Ltd.	Dr. P. R. Sahoo Prof. A. S. Venkatesh	AGL	UAIL
372.	3578	Evaluation of Performance and Behavior of Mine Safety Instruments and Analysis and Interpretation of Mine air Samples of Badana Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
373.	3579	Continuation of ongoing Schemes of GSI beyond XII Five year Plan.	Prof. S. Mohanty Dr. M. K. Mukherjee Dr. R. Anand Prof. D. C. Panigrahi	AGL	GSI
374.	3580	Development of an underwater Drilling and controlled Blasting Methodology for Dismantling concrete Berths (EQ2 to EQ5) and Blast Monitoring at Port of Vishakhapatnam (Task-1)	Prof. V.M.S.R. Murthy	ME	ITDCIL
375.	3582	Design of Drilling and blasting Pattern with detailed Calculation of explosives and Accessories for controlled blasting of 5 tunnels with field visits to Excavate underground tunnels at Vizag Project PI.	Prof. A. K. Mishra	ME	LTLtd
376.	3592	Evaluation of Performance and Behavior of mine Ventilation and Safety Instruments of Parbelia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
377.	3596	Offering one week off-campus PDP on Controlled Blasting Management and Safety for Road Construction in Himalayan Territory for JE (Civil) at Rishikesh from 3-7-2017 to 7-7-2017	Prof. A. K. Mishra Dr. B. S. Choudhary	ME	DGBR
378.	3597	Preparation of Mining Scheme to Produce 500 tpd ore on Sustainable manner from existing Bagjata mine of UCIL Jaduguda	Prof. Om Prakash Prof. D. C. Panigrahi Dr. B. S. Choudhary Dr. Hemant Kumar	ME	UCIL
379.	3606	Scientific Study for Establishing Best Blasting Practice at Gare (Gaya) Block No.1 Stone Quarry of M/S Octal Sales Pvt. Ltd.	Prof. V.M.S.R. Murthy	ME	OSPLG
380.	3607	Scientific Study for Establishing Best Practice at Gere (Gays) Block No.2. Stone Quarry of M/S Pushpa Singh.	Prof. V.M.S.R. Murthy	ME	PSG
381.	3610	TPQC of construction of 120 Seated Class room 36 nos. and 120 Nos. faculty Chambers (G+#) for Nit Jamshedpur.	Dr. S. K. Panda Dr. Sanket Nayak	Civil	CPWDNITPD
382.	3616	Evaluation of Performance and Behavior of Safety Instruments of Nanda Manufacturing Co. Ltd. Kolkata	Prof. D. C. Panigrahi	ME	NMC
383.	3618	Airborne Respirable dust Survey in AMAL NT-ST Colliery, Lodna Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
384.	3619	Evaluation of Performance and Behavior of Safety Instruments of Phularitand 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
385.	3625	Testing of Coal samples.	Dr. Sharvan Kumar	FME	ECL
386.	3628	Ultimate Analysis of Coal Samples	Prof. V. K. Saxena	FME	MTPSB
387.	3630	Proximate & GCV Analysis of Samples Received from CCO-Bilaspur (Part - B)	Prof. Nikkam Suresh	FME	SECL
388.	3633	Study of Diesel Particulate matter in Underground Workings of Norwapahar and Turamdih Mine of UCIL.	Prof. R. M. Bhattacharjee Prof. D. C. Panigrahi	ME	UCIL
389.	3637	Design and Development of 5 Cum Hydraulic Excavator in Collaboration with HEC Ranchi, (HEC)	Prof. K. Dasgupta Dr. S. K. Ghoshal	MME	HEC
390.	3638	Study Overburden Dump Reclamation for Stability Improvement at Gare Palma IV/4, Raigarh, Hindalco.	Dr. Biswajit Paul	ESE	Hindalco
391.	3641	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of B. K. Enterprises, Dhanbad	Prof. D. C. Panigrahi	ME	BKED
392.	3642	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Ningha Colliery, Sripur Area, ECL	Prof. D. C. Panigrahi	ME	ECL
393.	3643	Full bench test for Self Contained Self rescuer of 30 min duration as per IS 15803 - 2008 of Ana Digi Sales Pvt. Ltd., Bangalore.	Prof. D. C. Panigrahi	ME	ADSPL
394.	3644	Analysis and Interpretation of Mine air Samples of Ningha Colliery, Sripur Area, ECL	Prof. D. C. Panigrahi	ME	ECL
395.	3645	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Mekon International, Dhanbad	Prof. D. C. Panigrahi	ME	MID
396.	3651	Studying entire gamut of activities in taking over of ITI, Sikitia Godda from JSPL and recommending for Managing its total affairs towards its Smooth Operation Maintenance & Management under the overall Supervision of ECL.	Prof. V.M.S.R. Murthy Prof. S. K. Sinha Dr. G. Budi Dr. B. S. Choudhary	ME	ECL
397.	3652	Development of Framework for Environmental Monitoring (AAQM) Implementation and Control in Line With CPCB Guidelines for Iron Ore Mines for Formento Resources GOA.	Dr. Biswajit Paul Dr. Suresh Pandian E	ESE	FRPL
398.	3655	Scientific study of Geo-Mining Parameters and Determination of RMR of III Seam, Chandmari Section Bastacolla Colliery.	Prof. A. K. Mishra	ME	BCCL
399.	3660	Proximate & GCV Analysis of Samples Received from MMAE, Sasan Power	Prof. N. Suresh	FME	CMPDI
400.	3663	Proximate Analysis of Samples Received from Pakri Barwadih OCP, NTPC	Prof. N. Suresh	FME	CMPDI
401.	3664	Development of high Specialty Chemical for Oilfield Application.	Dr. Vikas Mahato Prof. V. P. Sharma	PE	RCPLPG

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
402.	3665	Proximate 7 GCV analysis of Samples Received from NCL Singrauli	Prof. N. Suresh	FME	CMPDI
403.		Off campus programme on "Surface and Underground Metal Mining-Some Advanced Aspects" for the Executives of Infosys Limited from 02.11.17 - 05.11.17	Prof. V. M. S. R. Murthy Dr. Dheeraj Kumar Dr. B. S. Choudhary	ME	IL
404.	3677	Facilitating the process of carrying out Risk assessment study and preparation of Safety management Plan at Hutti Gold Mine.	Prof. R. M. Bhattacharjee	ME	HGM
405.	3678	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of MRS Ramgarh	Prof. D. C. Panigrahi	ME	CCL
406.	3679	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Hariajam Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
407.	3680	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Basantemata Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
408.	3681	Analysis and Interpretation of Mine air samples of Khoodia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
409.	3682	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Kedla UG Project CCL	Prof. D. C. Panigrahi	ME	CCL
410.	3683	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Kedla UG Project CCL	Prof. D. C. Panigrahi	ME	CCL
411.	3684	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Tawa Mine, WCL	Prof. D. C. Panigrahi	ME	WCL
412.	3685	Field Investigations, Modelling and Simulation Studies for designing the Ventilation Systems 15 seam of Moonidih Colliery, Indu Projects Ltd. Hyderabad.	Prof. D. C. Panigrahi	ME	IPLH
413.	3686	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Govindpur Project CCL	Prof. D. C. Panigrahi	ME	CCL
414.	3687	Investigation into degree of Gassiness of Kalimati Seam, Calibration of Ventilation and Safety Instruments and Analysis of air Samples of Kumardhubi Colliery, ECL Sanctoria	Prof. D. C. Panigrahi	ME	ECL
415.	3689	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Bhatgaon Area, SECL	Prof. D. C. Panigrahi	ME	SECL
416.	3690	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Sudamdih Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
417.	3691	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Ghushik @ Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
418.	3692	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Bishrampur 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
419.	3694	Hydrological Study of Ground Water in Bera Colliery, Bastacolla	Dr. Sanjit Kumar Pal Dr. Saumen Miti	AGP	BCCL
420.	3696	Functional Ability tests of self-Rescuers of SECL.	Prof. D. C. Panigrahi	ME	SECL
421.	3697	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Gopalichuk Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
422.	3698	Sampling and Grading of 0.8 million Ton of Coal Dumps from CCL Mining Areas.	Prof. Nikkam Suresh	FME	CCL
423.	3700	Analysis of the Monitored Blast Data to Verify the Safe Blast Practices, Prediction of PPV and Fragmentation analysis Periodically for 2 years at Navi Mumbai International Airport packages I to IV and Allied Excavation.	Dr. B. S. Choudhary Prof. VMSR Murthy	ME	DI
424.	3701	Geo-referencing of Plans showing Lease Boundary, Block Boundary and Pit Baoundary of Tasra and Chasnalla Collieries	Dr. VV Govind Kumar Dr. Dheeraj Kumar	ME	SAIL
425.	3702	Vetting of Schedule of Rate (SoR) for Overburden Removal & Coal Transportation	Prof. P. Sen Dr. R. K. Sinha	ME	NCL
426.	3703	Evaluation of performance and Behavior of Ventilation and Safety instruments of Bhagaband Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
427.	3704	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Bishrampur Area, SECL	Prof. D. C. Panigrahi	ME	SECL
428.	3705	Evaluation of performance and Behavior of Ventilation and Safety Instruments of Kanhan Area, WCL	Prof. D. C. Panigrahi	ME	WCL
429.	3706	Evaluation of performance and Behavior of Ventilation and Safety instruments of Silewara Sub Area, WCL	Prof. D. C. Panigrahi	ME	WCL
430.	3708	Environmental Statement of DVC Bermo Mines.	Dr. Biswajit Paul	ESE	DVC
431.	3710	Special Methods of Mining for Thick & Steep Coal Seam for SAIL Executives (off Campus) from 21 - 23 June, 2017 at Chasnala.	Prof. R. M. Bhaattacharjee	ME	SAIL
432.	3485	Study on Underground coal Mining in CIL - Problem Potential Technology Modernisation Production and Safety - PART-B	Prof. S. Choudhury Prof. R. M. Bhattacharjee, Prof. D. C. Panigrahi	ME	CMPDIL
433.	3712	Sampling and Prokimate Analysis of 20000 Tones of Coal Slurry from Moonidih Washery	Prof. N. Suresh Dr. Shravan Kumar	FME	BCCL
434.	3714	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Dubeswari Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
435.	3716	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of MRS-Dhansar, BCCL	Prof. D. C. Panigrahi	ME	BCCL
436.	3718	Rock Mechanics Tests Testing Charges and Cuttability Assessment of Rocks for the specimen of Jhanjra Project.	Prof. V. M. S. R. Murthy	ME	GPLH

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
437.	3719	Vetting of Rates and Process for Preparation of SOR 2017-19 in respect of Coal transportation from Tippler by 6 wheeler tipper in ECL	Prof. Phalguni Sen Dr. R. K. Sinha	ME	ECL
438.	3722	Blast design for conduction controlled blasting with regard to blast induced vibration, control of flying fragments while working on the faces at Manak was plot No.1 stone mine.	Prof. A. K. Mishra Dr. B. S. Choudhary	ME	KIPLH
439.	3724	Leaching study of fly ash of TRN Energy PVT Ltd. Thermal Power Plant, Raigarh CG	Prof. Gurdeep Singh	ESE	TRNEPL
440.	3725	Determination of Some Physical and Chemical Properties of Quick setting cement capsule of Nilay Narayan Polychem LLP Dhanbad.	Prof. D. C. Panigrahi	ME	NNPLLP
441.	3726	Determination of Physical Properties of Cement Capsule Supplied by Nilay Narayan Polycheme LLP Govindpur, Dhanbad	Prof. A. K. Mishra	ME	NNPLLP
442.	3734	Evaluation of performance and behavior of Mine Safety Instruments and Analysis and Interpretation of Mine air Samples of Jitpur Colliery, SAIL	Prof. D. C. Panigrahi	Me	SAIL
443.	3735	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Hingula Colliery, MCL	Prof. D. C. Panigrahi	ME	MCL
444.	3736	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Saoner Sub area, WCL	Prof. D. C. Panigrahi	ME	WCL
445.	3737	Evaluation of performance and behavior of Mine Ventilation and Safety Instruments of Kajora Area ECL	Prof. D. C. Panigrahi	ME	ECL
446.	3738	Analysis and Interpretation of Mine air Samples of Parbatpur Colliery, SAIL	Prof. D. C. Panigrahi	ME	SAIL
447.	3739	Functional Ability tests of Self Rescuers of ECL, Sponsored by Intech Safety Pvt. Ltd. Kolkata.	Prof. D. C. Panigrahi	ME	ISPLK
448.	3740	Crossing and Ignition Point Temperature of Coal Samples of Tata Steel Ltd. Jamadoba	Prof. D. C. Panigrahi	ME	TATA
449.	3741	Functional Ability Tests of Self Rescuers of Chasnala Colliery, SAIL	Prof. D. C. Panigrahi	ME	SAIL
450.	3742	Analysis and interpretation of Mine Air Samples of K.S. P. Phase-II Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
451.	3743	Field Investigations Modelling and Simulation Studies for Designing the Ventilation Systems of all UCIL Mines (part - II 2nd year Work) Jaduguda	Prof. D. C. Panigrahi	ME	UCIL
452.	3644	Field Investigations, Modelling and Simulation Studies for designing the Ventilation Systems of AIIUCIL Mines (Part - I - (Extra-man days of 1st year work) Jaduguda.	Prof. D. C. Panigrahi	ME	UCIL
453.	3745	Testing of construction Material	Dr. Sanket Nayak Dr. S. K. Panda	Civil	SSCD
454.	3746	Sample holder design and fabrication consumable Chemicals and elements Test running using 5 different substrate.	Dr. M. R. Singh	Physics	TATA
455.	3747	Testing of Lead-Zinc ore of Zawar Mines	Dr. Sharvan Kumar	FME	LZOZM.

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
456.	3748	Hydrological Study and Source Sustainability Study of Water Requirement.	Dr. Anshumali	ESE	DBPL
457.	3750	Testing of Coal Sample of ECL Kalipahari, Sripur Area.	Dr. Shravan Kumar	FME	ECL
458.	3751	Determination of compressive strength of sandstone samples supplied by Indiu, SCCL, CGME, Consortium.	Prof. A. K. Mishra	.ME	SCCL
459.	3752	Testing of Import Consignment of Electrically Calcined Anthracite.	Prof. V. K. Saxena	FME	ODCCBB
460.	3753	Technical Studies on Washability of Coal Samples from 9 Different Mines of CCL	Prof. Nikkam Suresh	FME	CCL
461.	3754	Technical Studies on Washability of Coal Samples from 2 different Mines of BCCL	Prof. Nikkam Suresh	FME	BCCL
462.	3755	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
463.	3755	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
464.	3757	View on Use of Rock of Sedimentary Origin as Coarse Aggregate of Concrete for Industrial Structure	Dr. Rajib Sarkar	Civil	ML
465.	3758	Grinding of Silica Sand (7 kg) to 600 micron size.	Prof. Nikkam Suresh	FME	CDE
466.	3759	Health Safety and Environmental Risk Assessment	Dr. Vipin Kumar	ESE	VLPG
467.	3760	No Pollution Certificate for Amendment to consent to operate in respect of Hunantlo Dongor Iron & Mn Ore of Sanguem Taluka Goa.	Prof. Gurdeep Singh	ESE	AX PPG
468.	3764	Offering one day off-campus course Management Development programme on Advancement of Automation in Mining Industry for Operations, Logistics and Safety 16 Feb., 2018 at Accenture, Mumbai	Prof. A. K. Mishra	ME	ASPL
469.	3765	Sampling proximate Analysis and GCV determination of 75,000/- Metric tons of Reject Coal of Bhojudih Coal Washery BCCL Dhanbad.	Prof. Nikkam Suresh	FME	BCCL
470.	3766	Source sustainability study of Water Requirement.	Dr. Anshumali	ESE	RKMPPLC
471.	3767	Testing of Construction Material	Dr. Sanket Nayak Dr. S. K. Panda	Civil	NDCNECCPL
472.	3769	Analysis of River Water Quality of Muri	Dr. B. K. Mishra	ESE	HILR
473.	3770	Laboratory Testing of Rock Samples of Larsen & Toubro Ltd. Construction, Chennai	Dr. G. Budi Prof. VMSR Murthy Prof. A. K. Mishra	ME	L&TCC
474.	3771	Scientific Study Regarding Blast Induced Ground Vibration Control of Flying Fragment and Blasting in the Vicinity of Inhabited Area of M/s Sone Stone.	Dr. B. S. Choudhary Md. Soyeb Alam	ME	SSSUP

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475.	3772	Scientific Study on Strata Monitoring during Extraction of Panel 8A by CM-I & CM-II Panel in Jhanjara Project Colliery.	Prof. A. K. Mishra Prof. R. M. Bhattacharjee	ME	ECL
476.	3775	Equipment Selection for Ball mill grinding circuit for BHEL, Hyderabad.	Prof. S. Bhattacharya Prof. A. K. Mukhopadhyay	FME	BHEL
477.	3776	Proof Checking of the detailed Structural design and drawings for 3 X 40 MW Rammam Stage III Hydroelectric Project Darjeelling.	Prof. S. C. Dutta	Civil	PSPDL
478.	3777	Scientific study Regarding Blast Induced Ground Vibration Control of Flying Fragment and Blasting in the Vicinity of Inhabited Area of Dolo Stone Mine of M/s Maa Vindhya Stone Crushing Co. UP	Dr. B. S. Choudhary Md. Soyeb Alam	ME	MVSCCBD
479.	3778	Scientific Study Regarding Blast Induced Ground Vibration, Control of Flying Fragment and Blasting in the Vicinity of Inhabited Area of M/s Anil Kumar Maurya, UP	Dr. B. S. Choudhary Md. Soyeb Alam	ME	AKMSU
480.	3779	Scientific Study Regarding Blast Induced Ground Vibration, Control of Flying Fragment and Blasting in the Vicinity of Inhabited Area of M/ s Hansraj Enterprises, UP	Dr. B. S. Choudhary Md. Soyeb Alam	ME	HEU
481.	3781	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Kenda Area ECL	Prof. D. C. Panigrahi	ME	ECL
482.	3782	One day offcampus EDP on Recent Advanements in Blasting Technology for Improved Productivity and Safety at Dalli Rajhara Mines, Bhilai Steel Plant on 23-3-2018.	Prof. A. K. Mishra	ME	SAIL
483.	3783	Scientific Study for Determination of in-hole VOD of bulk explosives of IBP, IOCL at Mines of Bhilai Steel Plant, SAIL and Determination of Fragmentation Analysis.	Prof. A. K. Mishra	ME	SAIL
484.	3784	Testing of Construction Material	Dr. Sanket Nayak Dr. S. K. Panda	Civil	KCPL
485.	3785	Evaluation of performance and Behavior of Mine safety Instruments and analysis and Interpretation of Mine air Samples of Ramnagar Colliery, SAIL.	Prof. D. C. Panigrahi	ME	SAIL
486.	3786	Analysis and Interpretation of Mine air Samples of Parbalia Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
487.	3787	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Chinakuri Mine - III, ECL	Prof. D. C. Panigrahi	ME	ECL
488.	3788	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Phularitand Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
489.	3789	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Tawa-II Mine, WCL	Prof. D. C. Panigrahi	ME	WCI
490.	3790	Analysis and Interpretation of Mine air Samples of Mithani 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
491.	3791	Analysis and Interpretation of Mine air Samples of Dubeswari, Colliery, ECL	Prof. D. C. Panigrahi	ME	ECL
492.	3792	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instrument of Roy Bachhara Colliery, CCL	Prof. D. C. Panigrahi	ME	CCL
493.	3793	Determination of Density of Coal sample of VI seam of Amal S.P Colliery of Eastern Jharia Area, BCCL	Prof. D. C. Panigrahi	ME	BCCL
494.	3794	Functional Ability test of self rescuers of ECL, Sactoria.	Prof. D. C. Panigrahi	ME	ISPL
495.	3795	Functional Ability tests of self rescuers of in Tech Safety Pvt. Ltd. Kolkata.	Prof. D. C. Panigrahi	ME	TSPL
496.	3796	A study of performance and Behavior with respect to a few parameters of Dust Suppresant (Dust Loniser) of Sudha Industries, Kolkata	Prof. D. C. Panigrahi	ME	SIK
497.	3797	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Saoner Subarea, WCL	Prof. D. C. Panigrahi	ME	WCL
498.	3798	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Silwara Subarea, WCL	Prof. D. C. Panigrahi	ME	WCL
499.	3799	Evaluation of performance and Behavior of mine safety Instruments Analysis and Interpretation of Mine air Samples Measurement of air borne respirable dust concentration and Study of Noise level Around different Machines and Mining Operations of Jitpur Colliery, SAIL	Prof. D. C. Panigrahi	ME	SAIL
500.	3800	Investigation into degree of Gassiness of one Seam Pandaveswar Colliery, ECL Sanctoria	Prof. D. C. Panigrahi	ME	ECL
501.	3801	Evaluation of performance and Behavior of Mine Ventilation and Safety Instruments of Patansongi, WCL	Prof. D. C. Panigrahi	ME	WCL
502.	3802	Analysis and Interpretation of Mine air Samples of Tetulmari Colliery, BCCL	Prof. D. C. Panigrahi	ME	BCCL
503.	3803	Preliminary Investigation of the IOCL Pipe line at Asansol West Bengal.	Dr. Sanjit Kumar Pal	AGP	NIRM
504.	3804	Off campus course on Surface and underground Metal Mining-some Advanced Aspects for the Executives of Infosys Ltd. 2.11.2017 to 5.11.2017	Prof. V. M. S. R. Murthy Prof. Dheeraj Kumar Dr. B. S. Choudhary	ME	Infosys Ltd.
505.	3805	Third party Sampling of Coal Samplled from CCL Washeries and Mines to SAIL Steel Plants Prof. N. Suresh	Prof. N. Suresh	FME	CIL

Total value of the projects carried forward from the Previous Financial Years: INR 1482.71 Lakhs

B. Consultancy Projects commenced during Financial Year 2018-19 (Up to 31st July, 2018):

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
1.	3807	Study at Pakri Barwardih Coal Mine,	Dr. Sanjit Kr. Pal Dr. Saumen Maiti	AGP	STLP
2.	3808	Analysis and Interpretation of Gas Samples of Gopalichuck Colliery for Maintaining Safety in Mines, PB Area, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
3.	3809	Evaluation of performance and Behavior of mine Ventilation and Safety Instruments of Murpur UG Mine, WCL	Prof. D. C. Panigrahi	ME	WCL
4.	3810	A study into the Incubation Period of a coal seam of Gare Palma IV/5 Mine of Hindalco Industries Ltd. Raigarh.	Prof. D. C. Panigrahi	ME	HLR
5.	3811	Scientific Study for Design and Stability for Sinking of 9.0M air shaft of 360 depth at S K Mines , SCCL	Prof. U. K. Singh, CI	ME	SCCL, Kothagudem
6.	3812	Development of Approach and Methodology for Environmental performance Rating Index (EPRI) for Coal Mines of Coal India Ltd. with reference to air quality.	Dr. M. K. Jain	ESE	EMDICFRE D
7.	3813	Sampling and Grading of 0.8 million Ton of Coal Dumps from CCL, Mining Area (Part - b)	Prof. N. Suresh	FME	CCL
8.	3814	A study through full bench test of one batch of SCSRs of one hour duration as per IS 15808:2008 of Ana Digi Sales, Bangalore.	Prof. D. C. Panigrahi	ME	ADSPL
9.	3815	Evaluation of performance and behavior of mine ventilation and safety instruments of Ghusik (R) Colliery, Sripur Area, ECL.	Prof. D. C. Panigrahi	ME	ECL
10.	3816	Evaluation of performance and behavior of mine ventilation and safety instruments of Saoner Sub- Area, WCL	Prof. D. C. Panigrahi	ME	WCL
11.	3817	Geotechnical and Material Testing of Mohammadganj Barrage Canal.	Dr. Rajib Sarkar Prof. S. K. Das Dr. L. Nainegali Dr. S. K. Panda	Civil	WLGH
12.	3818	Additional Work of Geotechnical and Material Testing for Mohammadganj Harrage Canal.	Dr. Rajib Sarkar Dr. S. K. Das Dr. L. Nainegali	Civil	WLGH
13.	3820	Evaluation of performance and Behaviour of Mine Ventilation and Safety Instruments of K.B. 10/12 Pits Colliery, P. B. Area, BCCL.	Prof. D. C. Panigrahi	ME	BCCL
14.	3821	Road Transport Impact Study Including Possible Impact on KOSA Cultivation.	Dr. Anshumali	ESE	RKMPLC
15.	3822*	Conducting IRR Study in Environmental and Societal dimensions for Malachua OC Project (3.0 MTY) of Johila Area SECL	ESE	ESE	SECL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
16.	3823	Field Investigation, Modelling and design of ventilation Systems of Sindesar Khurd Mine, HZL.	Prod. D. C. Panigrahi	COESOHDM	HZL
17.	3824	Evaluation of Performance and Behavior of Mine Ventilation and Safety Instruments of Shyampur (B) Colliery, Mugma Area, ECL.	Prof. D. C. Panigrahi	COESOHDM	ECL
18.	3825	Field Investigation, Modelling and design of Ventilation System of Rampura Agucha UG Mine HZ, Ltd. (Phase - 1 1st year period)	Prof. D. C. Panigrahi	COESOHDM	HZL
19.	3826	MASW for Liquefactive Potential at Patna, Bihar	Dr. Sanjit Kr. Pal Prof. P. R. Mohanty	AGP	AIMIL
20.	3827	Resistivity Imaging System for Seepage Analysis at Durgawati, Dam, Kaimur Dist.	Dr. Sanjit Kr. Pal	AGP	AIMIL
21.	3829	Assessment of Surface Water at Different Location of Dhanbad.	Dr. B. K. Mishra	ESE	TATA
22.	3830	Third party Quality Control & Quality Assurance for Civil, Electrical, Mechanical and all other allied Works for Redevelopment of GPRA at Colony at Nauroji Nagar, New Delhi Part - 1.	Dr. S. K. Panda Prof. S. K. Das	Civil	NBCC
23.	3831	Blast design for conducting Controlled Blasting with regard to blast induced Vibration air over Pressure & Control of flying fragments of Gandhamardan Iron Ore Mines (Block - B) in Keonjhar District, Odisha of OMC Ltd.	Prof. A. K. Mishra	ME	OMCKO
24.	3833	3D Subsidence Modelling for Prediction of Surface Subsidence Strain and Subsidence Stope due to Stopping from 620 MRL to 880 MRL at Jaduguda Mine.	Prof. U. K. Singh Dr. Dheeraj Kumar	ME	UCIL
25.	3839	Sampling and Grading of 1.46 lakh Ton of Coal Dumps from Swang Washery CCL Part - A	Prof. N. Suresh	FME	CCL
26.	3840	Sampling and Grading of 7.76 lakh Ton of Coal Dumps from Rajrappa Washery CCL Part - B	Prof. N. Suresh	FME	CCL
27.	3841	Mineralogy of Iron Ore Samples.	Dr. P. R. Sahoo Prof. A. S. Venkatesh		M/s S.G.S. India Pvt. Ltd., Kolkata
28.	3842	Scientific Study to Establish Controlled Blast Design Parameters vis-à-vis Safety within 100M of occupied Buildings at Bandhurang Open Cast Mines, UCIL	Dr. P.S. Paul		UCIL
29.	3843	Bonds Work Index of Limestone Sample Sent by HPEC Mittal Energy Ltd.	Dr. Anand Anupam		HPCL

Sl. No.	Consultancy Project Number	Title of the Consultancy Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
30.	3844	EIA/EMP Preparation of 4 BCCL Projects	Dr. Anshumali		CMPDIL
31.	3845	Third Party Quality Control & Quality Assurance for Civil, Electrical, Mechanical and all other allied Works for Redevelopment of GPRA at Colony at Nauroji Nagar, New Delhi Part - 2.	Prof. S. K. Das		NBCC
32.	3846	Rapid Comprehensive Environmental Audit for 4X250 MW & 4X600 MW TPP at JPL Tamnar Raigarh	Prof. Gurdeep Singh		JPL
33.	3847	Comprehensive Assessment of Impact of Road on Local Biodiversity, Wildlife Corrodors and its Mitigation Strategy.	Dr. Anshumali		NHAIG
34.	3848	Effect of Weathering on Selected Physical and Chemical Properties of Open air Stockpiled Coal at Vindhyachal STTP of NTPC.	Prof. S. Bhattacharya Dr. B. K. Nandi		NTPC
35.	3849	Checking the Design Calculations and Vetting of Structural drawings for the Building Meant for Rajiv Gandhi National Institute of youth Development (RGNIYD)	Dr. S. K. Panda Dr. Sanket Nayak		CECE
36.	3850	Determination of Existing Capacity and Enhancement of Capacity by Increasing the height of Slime dam at two Slimedam at Noamundi Iron Ore Mines of Tata Steel Ltd.	Dr. R. Koner	ME	TATA
37.	3851	Field Investigations Modelling and designing the ventilation system of Kenda Top and Bottom Scames of Kunustoria Colliery, Kunustoria Area, ECL	Prof. D. C. Panigrahi	ME	ECL
38.	3852	Field Investigation and support Design for Trunk and Gate Roads Developed by Bolter - Miner in Moonidih XV Seam of M/s Indu - SCCL - CGME, Consortium.	Dr. Hemanta Kumar Prof. V. K. Sinha	ME	SCCL
39.	3853	Scientific Study to design A Blasting Methodology Considering the Stability of the Developed Pillars/Stooks Beneath Borira Village During Deep Hole Blasting at Damagoria Colliery CV Area BCCL.	Dr. B. S. Choudhary Prof. VMSR Murthy	ME	BCCL
40.	3854	Third Party Quality Control & Quality Assurance for Civil, Electrical Mechanical & all other allied Works for Redevelopment of GPRA Colony at Nauroji Nagar New Delhi (Part - 3)	Dr. S. K. Panda Prof. S. K. Das	Civil	NBCC

Total value of the (Consultancy Project) received during the Financial Year 2018-19 (up to 31st July, 2018): INR 487.93 Lakhs

C. Testing Projects commenced during Financial Year 2018-19 (Up to 31st July, 2018):

Sl. No.	Testing Project Number	Title of the Testing Project	Consultant In-Charge	Consultant In-Charge in the Deptt.	Sponsoring Organization
24.	TEST/001/2018-19	Testing of Concrete Cube, flyash Brick and Steel Rod.	Dr. Tanish Dey Dr. S. S. Mohapatra	Civil	SHEL
25.	TEST/002/2018-19	Analysis and Interpretation of mine air Samples of Parbelia Colliery, ECL for Assessing the Status with respect to Spontaneous Combustion/fire and explosibility of Atmosphere by using the Assess Fire Software developed at IIT(ISM) Dhanbad	Prof. D. C. Panigrahi	ME	ECL
26.	TEST/003/2018-19	Analysis and Interpretation of Narsamuda Colliery ECL for Assessing the Status with respect to Spontaneous Combustion/fire and explosibility of Atmosphere by using the Assess Fire Software developed at IIT(ISM) Dhanbad	Prof. D. C. Panigrahi	ME	ECL
27.	TEST/004/2018-19	A Study into the performance and Behavior of Carbon monoxide detectors (Toximeters) of Mines Rescue Station (MRS) Ramgarh, CCL.	Prof. D. C. Panigrahi	ME	CCL

Total value of the (Testing Project) received during the Financial Year 2018-19 (up to 31st July, 2018):
INR 1.78 Lakhs

D. Professional Development Programmes (PDP) & (DST) Executed during Financial Year 2018-19 (up to 31st July, 2018):

Sl. No.	Course Number and period	Programme	Coordinator (Department)	Number of participants	Weeks	Department
1.	3774 6th-8th April, 2018	Advance in Civil engineering (ACE)	Dr. Sanket Nayak Dr. Rajiv Sarkar	30	3days	Civil
2.	3806 09.04.2018 to 29.06.2018	Competency Development of Reservoir Engineers	Prof. V. P. Sharma Prof. Ashutosh Kumar Dr. Rajeev Upadhyay	24	12	PE
3.	3838 07 - 12 May, 2018	Maintenance, Lubrication and automation of Mining Equipment	Dr. Subrato Ghosh Dr. Jayanta Das	11	6 days	Mechanical
4.	7th May to 8th June, 2018	Five weeks Intensive training programme for executives of E & M Cadre of CIL.	Prof. A. K. Mukhopadhyya, Dr. Ananda Shankar Hati	16	5 weeks	MME
5.	3828 15 - 18 May, 2018	Air and Noise Quality Assessment, Prediction and Control for Industrial Areas	Dr. M. K. Jain Dr. Vipin Kumar	11	4 days	ESE
6.	14 - 19 May, 2018	Advanced Surface Mining Practices for Iron Ore Mines.	Prof. VMSR Murthy	21	5 days	ME
7.	DST/29/Civil/2018-19 5 – 9 June, 2018	Advance in Structural & Geotechnical Engineering (ASGE)	Dr. Sanket Nayak Dr. Lohitkumar Nainegali	20	5 days	Civil
8.	3832 11 - 15 June, 2018	Six-Sigma Green - Belts.	Dr. S. Chatterjee	30	5 days	Math
9.	Cons/PDP/0001/18-19 on 6.6.2018	1 Day off-campus Executive Development Programme on "Blast Performance Evaluation and Improvement in Productivity and Safety" at Bolani Iron Ore Mines, SAIL	Prof. A. K. Mishra	0	0	ME
10.	Cons/EDP/0002/18-19 22 - 26 June, 2018	Recent Challenges and Mitigation Thereof on electrical Safety in Mines.	Dr. Nitai Pal Prof. P. K. Sadhu	23	5 days	EE
11.	DST/30/Math/18-19 25 June - 06 July, 2018	Refresher Course on Concept of Fluid Dynamics and Applications (CFDA-2018)	Prof. M. K. Singh	30	2	Math

12.	1-14 July 2018	Science Academies' Refresher Course on "Structural Geology, Tectonics, Thermodynamics and Metamorphic Petrology	Prof. S. Mohanty	0	0	AGL
13.	EDP/0006/2018-19 12 - 14 July, 2018 at Kolkata	Principal of Rock Physics and Geomechanics in Permeable and Low Permeable Formations	Prof. Rima Chatterjee	14	3	AGP
14.	EDP/0004/2018-19	Mine Ecology and Environment (off campus Course)	Prof. S. K. Maiti	0	0	ESE
15.	(23 July to 31 Aug., 2018)	Six weeks Course on Advances in Mine Surveying Technology.	Dr. Dheeraj Kumar,	0	0	ME
16.	EDP/0003/2018-19 9 July, 2018 to 21 Sept. 2018	Competency Development of Reservoir Engineers	Prof. V. P. Sharma Prof. Ashutosh Kumar Dr. Rajeev Upadhyay Dr. Vikash Mahato	21	12	PE

Total value of the PDP & DST executed during the Financial Year 2018-19 (up to 31th July, 2018.): INR 207.73 Lakhs

E. Summary:

Total value of the projects carried forward from the Previous Financial Years	INR	1482.71	Lakhs
Total value of the (Consultancy projects) received during the Financial Year 2018-19 (up to 31st July, 2018)	INR	487.93	Lakhs
Total value of the (Testing projects) received during the Financial Year 2018-19 (up to 31st July, 2018)	INR	1.78	Lakhs
Total value of the PDP & DST executed during the Financial Year 2018-19 (up to 31st July, 2018)	INR	207.73	Lakhs
Total Value of the Projects carried out during the Financial Year 2018-2019	INR	2180.15	Lakhs

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 : Atlas Copco Mining and Rock Excavation Techniques
4. AL : Almil Ltd. New Delhi
5. ADSPL : Ana Digi Sales Pvt. Ltd. Bangalore
6. AEPL : Airef Engineers (P) Ltd., Gurgaon
7. ARDS : Aditi R & D Services, Sindri
8. ASPL : Accenture Services Pvt. Ltd., Hyderabad
9. ACL : Atlas Copco (India) Ltd. Nasik - 7
10. ATPS : Anpara Thermal Power Station Sonebhadra
11. AKALPL : AKA Logistics Pvt. Ltd. Kolkata
12. AWC : Advance Welding Corporation, Dhanbad
13. AVCTPL : Adani Vizag Coal Terminal Pvt. Ltd. Ahmedabad.
14. ADE : Adani Enterprises Ltd.
15. AML : M/s Anani Enterprises Ltd., Godda
16. AIMIL : AIMIL Ltd., Patna
17. APEXGE : APEX Geotech Engineers New Delhi
18. ACL : Ambuja Cement Ltd. Ambujanagar
19. AKMS : M/s Anil Kumar Maurya Sonebhadra, UP
20. BAL : Balasore Alloys Ltd., Orissa
21. BACL : Bharat Aluminium Co. Ltd.
22. BCCL : Bharat Coking Coal Limited, Dhanbad
23. BDMBIL : Business Development Mining BASF India Ltd.
24. BIT : BIT Mesra Ranchi
25. BKE : B. K. Enterprises, Dhanbad
26. BGQM : Banam Guttuu Quartzite Mine, Jamshedpur
27. BGRM : BGR Mining, Hyderabad
28. BHEL : Bharat Heavy Electricals Ltd. Hyderabad.
29. BLAIL : M/s BLA Industries (P) Ltd. M.P.
30. BMSL : Boldie Mining Sealants (P) Ltd.
31. BSL : Blue Star Ltd., Mumbai
32. BASF : BASF India Ltd., Mumbai

33. BCL	: Birla Corporation Ltd. Satna
34. B&K	: B & K Area CCL
35. BM	: Balaji Minechem Dhansar, Dhanbad
36. BIOMKC	: Bailadila Iron Ore Mine Krandul Complex
37. BSMCJ	: Bagaiya Stone Mines, Chattarpur, Jharkhand
38. ODCCBB	: Office of the Dy. Commissioner of Customs, Banskopa, Burdwan.
39. CMSPL	: Calcutta Mining Sealants Pvt. Ltd.
40. CCL	: Central Coalfield Limited, Ranchi
41. CCO	: Coal Controllers, Org. Dhansar, Dhanbad
42. CCK	: Govt. of India office of the Coal Controller, Kolkata
43. CCO	: Coal Controllers, Org., Asansol
44. CDE	: CDE Asia Ltd.
45. CESE	: CESE Limited Kolkata
46. CGWB	: Central Ground Water Board, Patna
47. CIMFR	: Central Institute of Mining & Fuel Research, Dhanbad
48. CSPGCL	: Chhattisgarh State Power Generation Company Ltd.
49. CIL	: Coal India Ltd., Kolkata
50. CPWD	: Central Public Work Division, Dhanbad
51. CPWDNITPD	: CPWD NIT Project Division Jamshedpur
52. CCMCJV	: Cammon-CMC Joint Venture Distt. Kullu.
53. CTL	: Castron Technologies Ltd., Dhanbad
54. DCL	: Dalmia Cement(Bharat) Ltd., Chennai
55. DDIL	: Dharti Dredging & Infrastructure Ltd., Vishakhapatnam
56. DMTCP	: DMT Consulting (P) Ltd. Kolkata - 56
57. DTTIPL	: Deloitte Touche Tohmatsu India (P) Ltd., Secunderabad.
58. DTE	: Directorate of Technical Education Govt. of MP
59. DI	: Deeptec Infrastructures
60. DWS	: DWS Division, Hazaribagh
61. DVC	: Damodar Valley Corporation
62. DYTD	: Durgapur Youth Technology, Durgapur
63. DDIL	: Dharti Dredging and Infrastructure Ltd
64. DRDO	: Govt. of India Ministry of Defense DRDO, New Delhi
65. DBPL	: DB Power Ltd., Champa CG
66. EMDICFRED	: Environmental Management Division India Council of Forestry of Research and Education, Deheradun
67. ECL	: Eastern Coalfield Limited, Sanctoria
68. EOL	: Essar Oil Ltd., Durgapur
69. ESCL	: Electrosteel Castings Ltd., Kolkata
70. ESSAR	: Raniganj
71. ENCL	: Eastern Naphtha - Chem Ltd. Dhanbad.
72. EKT	: Ellanthakunta in Karim Nagar Dist of Telangana State
73. EEDMCD	: EE DMC, Dhanbad
74. EGECP	: Excelling Geo & Engineering (EGE) Consultan Pvt. Ltd.
75. FRPL	: Fomento Resources Pvt. Ltd., Goa - 403001
76. FACOR	: Facor, Bhadrak.

77. FCIAGMIL	: FCI Aravali Gypsum and Minerals India Ltd. Jodhpur.
78. FFCCMSPL	: FF Chem of Calcutta Mining Sealants Pvt. Ltd.
79. FGIPL	: Fugro Geotech (India) Pvt. Ltd. Navi Mumbai.
80. FCL	: M/s Feegrade & Co(P) Ltd.
81. GSI	: Geological Survey of India, Kolkata
82. GIOM	: Ghatkuri Iron Ore Mines of M/s Nirmal Kumar Pradeep Kumar
83. GEIPL	: GE India Industrial Pvt. Ltd.
84. GMDC	: Gujarat Mineral Development Corporation, Ahmedabad
85. GOCL	: Gulf Oil Corporation Ltd., Dhanbad
86. GPCM	: Gare Palma Coal Mines, Hindalco
87. GIMC	: Govt. of India, Ministry of Coal, New Delhi.
88. GW	: Godrej Waterside, Kolkata
89. GTPL	: Gen Technologies Pvt. Ltd., Mohali
90. GPTIL	: GPT Infra Projects Ltd. Kolkata.
91. GGP	: Govt. of Goa, Porvorim Goa
92. GBCPL	: Gradient Business Consulting Pvt. Ltd., Haryana
93. HEU	: M/s Hansraj Enterprises, UP
94. HGMCL	: Hutti Gold Mines Co. Ltd., Raichur
95. HIL	: Hindalco Industries Ltd. Ranchi
96. HIL	: Hindalco Industries Ltd., Sambalpur.
97. HLR	: Hindalco Limited, Raigarh
98. HZL	: Hindustan Zinc Ltd.
99. HPCL	: Hindustan Petroleum Corporation Ltd., Ranchi
100.HCL	: Harish Cement Ltd. Sundernagar (HP)
101.IIM	: Indian Institute of Management Ranchi
102.IL	: Infosys Limited, Pune
103.IL&FSE&C	: IL&FS Engineering and Construction Co.Lt.
104.IPL	: Indu Projects Ltd. Hyderabad
105.ISPL	: Intech Safety Pvt. Ltd. Calcutta
106.ITDCIL	: ITD Cementation India Ltd.
107. ILFSSMG	: M/s ILFS Stone Mine Gaya.
108. NECLSMG	: M/s NECL Stone Mine Gaya.
109. NMC	: Nanda Manufacturing Co.
110.MEPL	: M/s Mahadev Enclave Pvt. Ltd.
111.SIIABM	: M/s Shridham Industries Industrial Area, Birkoni, Mahasamund. C. G.
112.JBEPL	: Jaya Bharat Equipment Pvt. Ltd., Kolkata
113.JIPL	: Jharkhand Integrated Power Ltd. Mumbai
114.JMSMSP	: JMS Mining Services Pvt. Ltd. Kolkata-91
115.JNIL	: Jayaswal Neco Industries Ltd., Raigarh
116.JPL	: Jindal Power Ltd., Raigarh
117.JRD	: Jharia Rehabilitation, Deptt. Dhanbad
118.JRDA	: JRDA Dhanbad
119.JSS	: Jindal Stainless Steel, Jajpur
120.JCMKJSL	: Jindal Chromite Mines Kaliapani, Jindal Stainless Ltd.

121.JSS	: Jay Shree Shyam Enterprise, Chirkunda, Dhanbad
122.JLDMPL	: Joseph Leslie Dynamiks Mfg. Pvt. Ltd. Mumbai
123.JYJDK	: Jai Yamuna Ji Developers Karnal - 1
124.KAR	: M/s Kuhushal Arjun Rathor
125.KCPL	: Kamladitya Constructions, PVT. Ltd., Bokaro
126.KCM	: Khetri Copper Mine and Kolihan Copper Mine Khetri
127.KCSC	: K.C. Sharma & Co., Dhanbad
128.KI	: Kaphila Industries, Dhanbad
129.KCJ	: M/s Kanha Construction, Jhansi
130.KPMGAS	: KPMG Advisory Services (P) Ltd. Gurgaon
131.KIPLH	: Kayden Investments Pvt. Ltd., Haryana
132.KSMTT	: Khanak Stone Mines Tehsil Tosham, Bhiwani
133.KVD	: Kendriya Vidyalaya, Dehradun
134.LWCPL	: Legihton Welspun Contractors Pvt. Ltd. Gurgaon
135.LFSE	: LFS Engineering
136.LFSPLS	: Lemon Flip Solutions Pvt. Ltd. Sangareddy
137.L&TCC	: L & T Construction, Chennai
138.MC	: Ministry of Coal, New Delhi
139.MCL	: Mahanadi Coalfield Ltd., Sambalpur, Orissa
140.ME	: Many Enterprises, Dhanbad
141.MECL	: Mineral Exploration Corporation Ltd. Nagpur
142.MFCL	: Matix Fertilisers and Chemicals Ltd., Burdwan, W.B.
143.MIL	: Muva Industries Ltd
144.MIL	: Mekon International Ltd., Dhanbad
145.MIEL	: Monnet Ispat & Energy Ltd., Raigarh
146.MIPL	: Mesy (India) Pvt. Ltd., Lucknow
147.MVSCCBD	: Maa Vindhya Stone Crushing Company Bari Dalla Sonbhadra.
148.MM	: Ministry of Mines, Govt of Islamic Republic of Afghanistan
149.MMDPL	: MMD (India) Pvt. Ltd., Kolkata
150.MNDCPL	: MN Dastur & CO (P) Ltd., Kolkata
151.MTPSB	: Mejia Thermal Power Station, Bankura
152.NMDC	: NMDC, Ltd., Hyderabad
153.MOIL	: MOIL Ltd., Nagpur
154.MoM	: Govt. of India Ministry of Mines, New Delhi.
155.MPLM	: Mercator Petroleum Ltd., Mumbai.
156.MRS	: Mines Rescue Station, Dhanbad
157.MSEL	: Menally Sayaji Engineering Ltd.
158.MSRT	: Ministry of Shipping Road Transport, Andaman
159.MMCKO	: Mahagiri Mines (Chromite) Kaliapani , Odisha
160.LZOZM	: Lead-Zinc Ore, Zawar Mines.
161.NEERI	: National Environmental Engineering Research Institute Nagpur
162.SSCD	: Ms Subhas Singh Choudhary, Dhanbad
163.BIOM	: Bihar Iron Ore Mines, M/S Nirmal Kumar Pradeep Kumar
164.NSPL	: Nalwa Steel and Power Ltd., Raigarh

165.NTPC	: National Thermal Power Corporation
166.NCL	: Northern Coalfield Limited
167.NTB	: New Techsol, Bangalore
168.NECL	: Nuvayuga Engineering Col. Ltd.
169.NNPLLP	: Nilay Narayan Polychem LLP, Dhanbad
170.NKCBMB	: North Karanpura CBM Block.
171.NHAIG	: National Highways Authority of India Guindy Chennai.
172.OSP	: Orissa State Pollution Board, Orissa
173.OMCKO	: The Odisha Mining Corporation Ltd. Keonjhar. Odisha
174.OTPPO	: Obra Thermal Power Project Obra.
175.OCTAL	: Octal Sale Pvt. Ltd., Gaya
176.PSG	: Pushpa Singh, Gaya
177.PCMEC	: Parbatpur Coal Mine of Electrosteel Castings Ltd.
178.PRIPLP	: Patil Rail Infrastructure Pvt. Ltd. Purulia
179.PEL	: Premier Explosives Ltd. Secunderabad.
180.PIL	: Prakash Industries Ltd., Janjgit Champa(CG)
181.PPL	: Paradeep Phosphates Ltd.
182.PMT	: Progressive Mechine Tools
183. PTPP	: Parichha Thermal Power Project Parichha, Jhansi
184.PUPL	: Pre-Stressed Udyog (India) Pvt. Ltd., Dhansar, Dhanbad
185.PSML	: Pursh Steels & Mining (P) Ltd.
186. PSDL	: Pursuit Software Development (P) Ltd.
187.PSPDL	: Pradeep Structural Development Pvt. Ltd., Kolkata
188. PCL	: Parsa Collieries Ltd. Chhattisgarh
189.PVR	: PVR Inshield Bituminous Pvt. Ltd
190.PWC	: PWC, Hyderabad
191. PSMSMAMF	: Private Secretary of Ministry of State, Ministry of Agriculture and Ministry of Food Processing Industries, New Delhi-110001
192.PUM	: Polytechnical University of Madrid (PUM)
193. PTPS	: Ponki Thermal Power Station, Panki. Kanpur
194.PA&APL	: P. Arora & Associates Pvt. Ltd. New Delhi
195.QCD	: Quality Control Deptt. Kolkata
196. RCMLD	: Rajmahal Coal Mining Ltd, Godda
197. KAR	: M/s Kuhushal Arjun Rathor
198.RBI	: Reserve Bank of India, Patna
199.REL	: Revathi Equipment Ltd., Coimbatore
200.RKMPLC	:RKM Powergen Pvt.Ltd., Chennai.
201.RCL	: Rodic Contents Ltd., Ranchi
202.RL	: Rites Ltd.
203.RRP	: Rescue Room, Patherkhera Area
204.RSS	: Rik Sales & Services, Asansol
205.RCPLPG	: Royal Castor Products Ltd., Patan, Gujrat
206.RKMPPLC	: RKM Powergen Pvt. Ltd., Chennai.
207.SAPL	: Sandvik Asia Pvt. Ltd., Bangalore
208.STLP	: Smartchem Technologies Ltd., Pune

209.SSCSUP	: M/s Sone Stone Choan Sonebhadra, UP
210.SA	: Sorabh Automobiles Dhanbad
211.SAFL	: Sri Aurobindo Fuels Ltd., Dhanbadg
212.SAIL	: Steel Authority of India Limited
213.SCCL	: Singareni Collieries Company Ltd.
214.SCIPL	: Superintendence Co of India (P) Ltd.
215.SECL	: South Eastern Coalfield Ltd.
216.SEL-GKC	: SEL-GKC (JV), Dhanbad
217.SGSIPL	: SGS India Pvt. Ltd., Kolkata
218.SHPL	: Skylark Hotel Pvt. Ltd., Dhanbad
219.SGI	: Satguru Gum Industries, Mumbai
220.SPJSML	: SPJ Steel at Mineral Ltd., Bhopal.
221.SMC	: M/s Singhbhum Mineral Company
222.SSGL	: Sesa Goa Ltd., Chitradurga
223.SSSEPL	: Swati Safe Secure Equipments. Pvt. Ltd., Mumbai
224.SU	: Shanti Udyog, Dhanbad
225.SMIOL	: Sandur Manganese and Iron Ores Ltd., Bellary
226.SIK	: Sudha Industries,Kolkata
227.SVFU	: Sri Venkateshwara Fibre Udyog, Bangalore.
228.SCTE & VT	: Odisa
229.TCML	: Tubed Coal Mines, Ltd., Ranchi
230.TIPL	: Tega Industries Pvt. Ltd.
231.TSL	: Tata Steel Ltd.
232.TVPL	: Tirupati Vinnyoge Pvt. Ltd.
233.TRNEPL	: TRN Energy Private Ltd., Raigarh.
234.L&T	: L & T Construction, New Delhi
235.UCIL	: Uranium Corporation of India Limited
236.UAIL	: Utkal Alumina International Ltd.
237.VGTB	: Valvo Group Trucks Bangalore
238.VL	: Voltas Ltd.
239.VPTCR	: Vishakhapatnam Port Trust Civil Engg. Dept
240.VPL	: Vikram Pvt. Ltd., Sundargarh
241.VPT	: Visakhapatnam Port Trust
242.VUNO	: Vidyut Utpadan Nigam Ltd. Obara - 19
243.WBMDTCL	: West Bengal Mineral Development & Trading Corporation Ltd.
244.WCL	: Western Coalfield Limited