

## Consultancy Projects

2010-11

<b>Consultancy Projects commenced during Financial Year 2010-11:</b>				
<b>Sl. No.</b>	<b>Consultancy Project Number</b>	<b>Title of the Consultancy Project</b>	<b>Consultant In-Charge</b>	<b>Sponsoring Organization</b>
1.	1027	Analysis of ETP sludge from Khadia project of NCL	Prof. Gurdeep Singh	NCL
2.	1051	Testing of Drinking water sample from Bhuli Treatment Plant, BCCL	Prof. Gurdeep Singh	BCCL
3.	1080	Monitoring of environmental parameters in respect of ambient air, stack monitoring, noise level and effluent, BTPS'B' Bokaro Thermal, Bokaro	Prof. Gurdeep Singh	BTPS
4.	1082	Baseline Data Generation for preparation of EIA/EMP of Damuda Group of cluster-I and Madhuband NLW Washery 5 MTY, BCCL, Dhanbad	Prof. Gurdeep Singh	BCCL
5.	1083	Baseline Data generation for preparation EIA/EMP of Madhuband NLW Coal Washery (5 MT PA) as per TOR granted by MoEF. of Koyla Nagar, Dhanbad	Prof. Gurdeep Singh	BCCL
6.	1091	Design of Particulates Emission Control System and preparation of environmental management plan for coke oven plants in Dhanbad	Dr. M. K. Jain	BBCL
7.	1093	Preparation of Environmental Statement Report of DVC, Bermo Mines, Bermo, Bokaro	Prof. Gurdeep Singh	DVC
8.	1094	Effect of Ash from captive power plant Kathara Area, CCL	Prof. Gurdeep Singh	CCL
9.	1095	Analysis of ground water sample for As, Fe & Mn of 86 nos. sample of Central Ground Water Board Patna	Prof. Gurdeep Singh	CGWB
10.	1096	Design of Particulate emission control system and preparation of environmental management plan for coke oven plants in Dhanbad	Dr. S. K. Gupta	SSCMIPL
11.	1097	Testing of Dust suppressor chemical under RCRA	Prof. Gurdeep Singh	UC
12.	1098	Testing of water, soil and air noise samples in roadside along NH23 and NH22	Prof. Gurdeep Singh	RCL
13.	1116	Design of particulate emission control system and preparation of environmental management plan for coke oven plants in Dhanbad	Prof. A. K. Pal	SCPL
14.	1118	Design of particulate emission control systems and preparation of environmental management plan for coke oven plants in Dhanbad	Dr. Alok Sinha	CPO
15.	1144	Monitoring of Wastes, Soil Air Noise samples in road side along NH <sub>23</sub> & NH <sub>22</sub>	Prof. Gurdeep Singh	DVC
16.	1145	Testing of Dust Suppressor Chemical under RCRA Standard rule & CIL guide Line	Prof. Gurdeep Singh	CIL
17.	1167	Weather Report for rainfall recorded on 11-12 July 2010	Prof. Gurdeep Singh	ESCL
18.	1168	Design of Air-Pollution Control Device of Coke Oven Plants in Dhanbad	Prof. Gurdeep Singh	WCL

19.	1171	Sustainable Management of Mineral Resources for Nigerian Officials Sponsored by the World Bank.	Prof. Gurdeep Singh	WB
20.	1180	Report for Arono Metrological Data	Prof. Gurdeep Singh	ESL
21.	1221	Quality Analysis of SLUDGE of Clarified tank of Water Filtration Plant	Prof. Gurdeep Singh	MSEL
22.	1235	Monitoring of Environmental Parameters in respect of Air, noise, water and stoche unit 7&8 of CTPS Chandrapura	Dr. S. K. Gupta	DVC
23.	1238	Rapid comprehensive environmental audit of 4X250 MW OP Jindal Power Plant	Prof. Gurdeep Singh	JPL
24.	1239	Testing of air samples for Bokaro TPS	Prof. Gurdeep Singh	DVC
25.	1249	Generation of base line data for preparation of EIA/EMP of Dugda NLW Coal Washer (5MTY) and Patherdih NLW Washery (5MTY)	Prof. Gurdeep Singh	BCCL
26.	1273	EDP for EIA after Assessment of Training needs, Organisation of Workshop at Kabul followed by Training of Afghanistan Officials on EIA and Mining Projects	Prof. Gurdeep Singh	KAMP
27.	1285	Study for compliance of forestry clearance conditions in respect of Ghanudih and Bera Projects of Bastacola BCCL	Prof. Gurdeep Singh	BCCL
28.	1299	Testing of water samples of 12.00 RHS Shankardih and 57.250 LHS Pabia Camp.	Prof. Gurdeep Singh	SEL-GKC
29.	1325	Testing of Dust Suppression Chemical as per DGMS Standard.	Prof. Gurdeep Singh	RRE
30.	1333	Preparation of pre-feasibility from I Report for Coal washery of Kaphila Industries	Prof. Gurdeep Singh	KI
31.	1345	Report on air pressure on 16/2/2011 of Basantimata Hard Coke Enterprizes	Prof. Gurdeep Singh	BHCE

2011-12

<b>Consultancy Projects commenced during Financial Year 2011-12:</b>				
<b>Sl. No.</b>	<b>Consultancy Project Number</b>	<b>Title of the Consultancy Project</b>	<b>Consultant In-Charge</b>	<b>Sponsoring Organization</b>
1.	1368	Design of Air Pollution Control device for Patliputra Coke oven will of Dhanbad	Prof. Gurdeep Singh	PI
2.	1434	Building Institutional capacity for sustainable environment and social management in Afghanistan Mining Sector	Prof. Gurdeep Singh	MM
3.	1440	Monitoring of Environmental Parameters in respect of Ambient air Stack Monitoring Noise Level and Effluent Discharge at BTPS B (O&M).	Dr. Alok Sinha	DVC
4.	1445	Analysis of Water Samples four Nos. from Bhelatand (Tata).	Prof. A K Pal	S&TCPL
5.	1459	Ambient Air Sampling & Analysis at ROCP/South Jharia Rajapur OCP	Dr. M. K. Jain	BCCL
6.	1461	Study of Kodolibad Iron Ore Mines with Respect to Forestry and Wildlife in Saranda Forest Division West Singhbhum Dist.	Prof. Gurdeep Singh	ESCL
7.	1462	Pre Feasibility Report of Kenduadih Coal Block, BCCL Ltd.	Dr. B. Paul	DCL
8.	1505	Monitoring of Evaluation parameters in respect of stack Monitoring and Effluent discharge.	Dr. M. K. Jain	DVC
9.	1515	Stack Monitoring of SRI Aurobindo Fuels Ltd	Dr. S. K. Gupta	SAFL
10.	1516	Preparation of Environmental Statement Report of Bermo Mines, DVC	Dr. P K Singh	DVC
11.	1521	Design of Rainwater Harvesting Scheme	Dr. S K Gupta	KI
12.	1595	Testing of two samples for Trace Metals (C <sub>4</sub> , Cr, Fe, & Zn)	Dr. Alok Sinha	IEL
13.	1631	Rapid Env. Audit of 4 x 250 MW Power Plant of JPL	Dr. S. K. Gupta	JPL
14.	1691	Analysis of Bleaching Powder	Dr. S. K. Gupta	CCL
15.	1711	Sustaniable Mine Planning for Iron Ore Mining in Megalahalli & R & R Plan	Dr. B. Paul	SSGL
16.	1752	Solid Waste Management Plan & Activity	Prof. S. K. Maiti	NSPL

2012-13

<b>Consultancy Projects commenced during Financial Year 2012-13:</b>				
<b>Sl. No.</b>	<b>Consultancy Project Number</b>	<b>Title of the Consultancy Project</b>	<b>Consultant In-Charge</b>	<b>Sponsoring Organization</b>
1.	1765	Study on Impact of Re-routing of Barki Nadi over backfilled area of North Dhadhu Coal Block	Prof. Gurdeep Singh	NDMCPL
2.	1782	Testing of Heavy Metals from PVR Inshield bituminous Pvt. Ltd. As Ba, Col, Cr, Pb, Hg, Sc & Ag,	Prof. A. K. Pal	PVRIBPL
3.	1783	Testing of Heavy Metals from PVR Inshield bituminous Pvt. Ltd.	Prof. A. K. Pal	CMSPL
4.	1785	Testing of Ground Water Samples for Heavy Trace Metals Fe, Mn, As & F	Dr. Alok Sinha	CGWB
5.	1815	Rapid EIA/EMP for Dungri-Petia Sand Leases, Tata Steel	Dr. B. Paul	TSL
6.	1816	Rapid EIA/EMP for Tetangabad Sand Leases, Tata Steel	Dr. B. Paul	TSL
7.	1817	Monitoring of Environmental Parameters in respect of Ambient air, Stack Monitoring Noise Level & Effluent of DVC, BTPS 'B'	Dr. Alok Sinha	DVC
8.	1955	Preparation of Environmental Management Report for DVC Mines.	Dr.B. Paul	DVC
9.	2065	Environmental audit at OP Jindal Super Power Thermal Power Plant (4 x 250 MW)	Prof. Gurdeep Singh	JPL
10.	2082	Water sample testing of DWS Division, Hazaribagh.	Mr. B. K. Mishra	DWS
11.	2100	Testing of Wastewater Samples.	Dr. S. K. Gupta	BCCL
12.	2116	Study of Illegal Mines in CIL Subsidiaries (ECL, BCCL, CCL).	Dr. B. Paul	CIL

<b>Consultancy Projects commenced during Financial Year 2013-14:</b>				
<b>Sl. No.</b>	<b>Consultancy Project Number</b>	<b>Title of the Consultancy Project</b>	<b>Consultant In-Charge</b>	<b>Sponsoring Organization</b>
1.	2123	Stage I Forest Clearance for MOEF at Brahamani Coal Block of Pursh Steel & Mining (P) Ltd.	Prof. Gurdeep Singh	PSML
2.	2135	To Assess the Impact of Gev-green Blanket in Soil & Water avality Bodies.	Prof. Gurdeep Singh	SVFU
3.	2165	Solid Waste Management Plan & Activity for 3 years Jan, 13 to Dec. 2015.	Prof. S.K. Maiti	NSPL
4.	2197	Off-campus course on Environmental Impact Assessment and Auditing to MCL Executives.	Prof. Gurdeep Singh	MCL
5.	2205	Testing of Heavy Metals Trall Metals of Water Samples	Mr. B. K. Mishra	ARDS
6.	2206	Water Sample Testing of Rajrappa Area.	Mr. B. K. Mishra	HIL
7.	2210	Repid EIA/EMP for Sand Lease of Tata Steel, Kunji	Dr. Biswajit Paul	TSL
8.	2211	Rapid EIA/EMP for Sand Lease of Tata Steel - Dungri & Bhowrah.	Dr. Biswajit Paul	TSL
9.	2211	Rapid EIA/EMP for Sand Lease of Tata Steel - Mohulbani & Gourkhuti	Dr. Biswajit Paul	TSL
10.	2213	Rapid EIA/EMP for Preamsinghdih Sand Lease of Tata Steel	Dr. Biswajit Paul	TSL
11.	2214	Statutory Environmental Audit at jindal Stainless Ltd.	Prof. Gurdeep Singh	JSS
12.	2220	Evnironmental (Chemical & Leachability Study A Fly Ash for JPL	Prof. Gurdeep Singh	JPL
13.	2225	Testing of Dust Sup Chemical (Dust Track).	Prof. Gurdeep Singh	GEI IPL
14.	2231	Monitoring of Environmental Parameters in respect of ambient air stock Monitoring Noise level and effluent discharged of BTPS	Dr. Alok Sinha	DVC
15.	2235	Testing of Water (Damodar River)	Mr. B. K. Mishra	RL
16.	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	HIL
17.	2315	Preparation of Environmental Management Report for DVC Mines.	Dr. Biswajit Paul	DVC
18.	2318	Efflnent Analysis as per EPA 1986 PIS 2296	Mr. B. K. Mishra	TSL
19.	2331	Testing of Mine Water Effluent from Bararee Colliery	Mr. B. K. Mishra	BCCL
20.	2332	Testing of Industrial Effluent Mine, Pitwater (1 No.)	Mr. B. K. Mishra	BCCL
21.	2333	Testing of Mine Pit Water and Filtur Water (2 No.)	Mr. B. K. Mishra	BCCL
22.	2356	Evaluation of Sustainable Development Project of ECL under MOU 2013-13 (First Phase)	Dr. P. K. Singh	ECL
23.	2367	Efluent Analysis as Per EP Act 1986	Dr. S. K. Gupta	TSL
24.	2371	Environmental Monitoring by Third Party	Dr. S. K. Gupta	NTPC
25.	2392	Disaster management Plan for Coking Coal Washery.	Dr. Biswajit Paul	TSL
26.	2412	Studyt of Leaching of Heavy Metals	Dr. S.K. Gupta	TSL
27.	2425	Sieve Analysis of Bottom Ash of CTPS	Dr. Anshumali	BCCL
28.	2432	Analysis of one air Sample at the Surface of the	Mr. B. K. Mishra	BCCL

		mine & One Water Sample from the Main discharge of Mine Water		
<b>29.</b>	2441	Setting up suitable Municipal solid waste management Technique	Dr. S.R. Samaddar	NMDC
<b>30.</b>	2455	Conducting Annual Comprehensive Environment Audit at O.P. Jindal Super Thermal Power Plant Tammar Raigarh	Prof. Gurrdeep Singh	JPL
<b>31.</b>	2483	Water Table Study of Sarabh Automobile Plant	Dr. S. K. Gupta	SA
<b>32.</b>	2484	Water Table Study of Sarabh Automobile Plant	Dr. S. K. Gupta	SA
<b>33.</b>	2492	Environmental Evaluation for Opencast and Underground Feasibility for Parso Block, CSPGL, AEL	Dr. Biswajit Paul	PCL

<b>Consultancy Projects commenced during Financial Year 2014-15:</b>				
<b>Sl. No.</b>	<b>Consultancy Project Number</b>	<b>Title of the Consultancy Project</b>	<b>Consultant In-Charge</b>	<b>Sponsoring Organization</b>
1.	2504	Analysis of 1 air sample at the Surface of the Mine one water sample from the main discharge of Mine water.	Mr. B. K. Mishra	BCCL
2.	2529	Testing of Geotechnical and Environmental Parameters of LD/BF Slag for Stowing Purpose.	Dr. Biswajit Paul	Tata Steel
3.	2537	Collection of Raw Coal Sample for Kulda OCP and Analysis of Heavy Metales in Raw Coal Washed Coal and Raject.	Prof. Gurdeep Singh	MCL
4.	2556	Testing of two Waste Water Samples for M/S ENC Ltd.	Dr. S. K. Gupta	ENCL
5.	2557	Testing of two Waste Water Samples for M/S ENC Ltd.	Dr. S. K. Gupta	ENCL
6.	2558	Monitoring of Ambient air (onestation) and Analysis of Mine Water (one Sample) for Bararee Colliery of BCCL	Mr. B. K. Mishra	BCCL
7.	2568	Design of Settling Pond at Ambuja Cement Plant	Dr. S. K. Supta	ACL
8.	2612	Testing of Ground Water Sample of Korba.	Mr. Brijesh Kumar	AR&DS
9.	2651	Analysis of Ambient air Sample & Water Sample from Main Mine discharge of Bararee Colliery.	Mr. B. K. Mishra	BCCL
10.	2674	Impact of Mining Activities on Hydrology and Hydrogeology of Core Zone Covering all 5 underground Mines of Tata Steel.	Dr. S. K Gupta	TSL
11.	2675	Monitoring of Environmental Parameters in Respect of (i) Stack Emission test (ii) Effluent discharge test (iii) Abbient air quality test (iv) Noise level Measurement for unit 1,2,3,7 & 8 DVC CTPS Chandrapura	Dr. S. K Gupta	DVC
12.	2681	Magnetic Content and Chemical Analysis.	Dr. Pankaj Kr. Jain	TSL
13.	2700	Testing of Water Samples Around Rajrappa Area	Mr. Brijesh Kumar	HIL
14.	2705	Monitoring of Environmental Parameters in respect of Ambient air Stack Monitoring Noise Level and effluent discharge of BTPS'B	Dr. Alok Sinha	DVC
15.	2731	Study at Rolep Biodiversity, Hydro Electric Project.	Dr. Anshumali	VREPL
16.	2778	Preparation of Environmental Statement in DVC Bermo Mines	Dr. Biswajit Paul	DVC
17.	2793	Analysis of Amient air Sample and Water Sample from Main Mine discharge of Bararee Colliery, BCCL	Dr. B. K. Mishra	BCCL
18.	2794	Technical Consultancy for Wastewater Management and Control of Water Pollution from plant and Mines of Kirandul Complex	Dr. S. K. Gupta	NMDC
19.	2797	Testing of Dust Bond (OC)	Prof. S. K. Maiti	CMSPL
20.	2798	Testing of Dust Ioniser (HR)	Dr. S. R. Samadder	PVR

<b>Consultancy Projects commenced during Financial Year 2015-16</b>				
<b>Sl. No.</b>	<b>Consultancy Project Number</b>	<b>Title of the Consultancy Project</b>	<b>Consultant In-Charge</b>	<b>Sponsoring Organization</b>
1.	2849	Analysis of Water Samples from Skylark Hotal pvt. Ltd.	Dr. Vipin Kumar	SHPL
2.	2888	Assessment of Talabira-1 Working as per Mine Plan and Mine Closure Plan	Dr. Biswajit Paul Prof. S. K. Maiti	HIL
3.	2899	Preparation of Technical Content for EB and SC in Respect of Shivani OCP EIA	Dr. Anshumali	CMPDI
4.	2910	Environmental Statement of DVC Bermo Mines.	Dr. Biswajit Paul	DVC
5.	2927	Geo-Enviro Study of Abandoned Mines for 2 x 525 MW Maithon Power Plant.	Dr. B. K. Mishra Dr. Alok Sinha	MPL
6.	2946	Analysis of Ambient air sample & Water sample from Main Mine discharge of Bararee Colliery.	Dr. B. K. Mishra Dr. S. K. Gupta	BCCL
7.	2949	Study of Leaching of Heavy Metals	Dr. S. K. Gupta Mr. B. Mishra	TSL
8.	2958	Technical Consultancy for Waste Water Management and Control of Water Pollution from Plant and Mines of BIOM< Bachel Complex.	Dr. Anshumali	NMDC
9.	2985	Preparation of Impacts of proposed Patherdih Coal Washery	Dr. Anshumali	CMPDI
10.	3011	Testing of Arsenic in 05 Nos. of Water Samples.	Dr. S. R. Samaddar Prof. S. K. Maiti	NCL
11.	3021	Testing of Water Sample near Rajrappa Area	Dr. B. K. Mishra	HIL
12.	3032	Suitability test of Water.	Dr. B. K. Mishra Dr. Alok Sinha	CCL
13.	3038	Environmantal Suitability and Feasibility of Mining of Flyash in the OB of Kusmunda OC Mines of SECL	Dr. Biswajit Paul Prof. A. K. Singh	SECL
14.	3049	Technical consultancy for Wastewater Management	Dr. Alok Sinha Dr. B. K. Mishra	BIOMKC
15.	3053	Analysis of Water samples from BCCL	Dr. M. K. Jain Dr. Vipin Kumar	BCCL
16.	3083	Evaluation of Ecology and Biology Soil Conervation component of Nilyai Expn.	Dr. Anshumali	CMPDIL, Nagpur
17.	3090	Testing of water samples of Joyarampur Pressure filter under lodhna area	Dr. B.K. Mishra	Lodhna Area
18.	3091	Analysis of ambient air sample & Waters sample from main mine discharge of Bararee Colliery.	Dr. B.K. Mishra	BCCL
19.	3151	Analysis of Mercury in 25 Soil Samples.	Prof. S. K. Maiti Dr. S. R. Samaddar	NCL
20.	3152	Carbon sequestration study of Eco restoration sites of BCCL 2 Sites at Damoda ad Tatulmari.	Prof. S. K. Maiti	BCCL
21.	3155	Stack Monitoring at MPL Dhanbad	Dr. Suresh Pandian E Dr. B. K. Mishra	MPL



2016-17

<b>Consultancy Projects commenced during Financial Year 2016-17:</b>				
<b>Sl. No.</b>	<b>Consultancy Project Number</b>	<b>Title of the Consultancy Project</b>	<b>Consultant In-Charge</b>	<b>Sponsoring Organization</b>
1.	3171	Analysis of Wastewater Samples 4 Nos.	Dr. S. K. Gupta Dr. B. K. Mishra	CPWD
2.	3180	Suitability test Water of Tata Steel Jamadoba	Prof. S. K. Gupta	TATA
3.	3192	Suitability test of treated water of PB Area BCCL	Dr. B. K. Mishra	BCCL
4.	3193	Suitability test of Mine and treated Water of CV Area	Dr. B. K. Mishra	BCCL
5.	3196	Assessment of Ground Water and Surface Water at Muri	Dr. B. K. Mishra	HILM
6.	3218	Ecology and Biodiversity (EB) and Soil conservation (SC) component of Kusmunda OC Expansion project (50 MTPA)	Dr. Anshumali	CMPDIL
7.	3252	Soil and fly-ash Characteristics Study	Dr. Vipin Kumar	BALCO
8.	3272	Technical Consultant for guiding SAIL in the e-auction of Coal Block (Parbatpur Central Coal Block)	Prof. A. K. Singh	BCCL
9.	3274	Testing of Ground Water Quality Kinandul NMDC	Dr. Anshumali Prof. A. K. Singh	NMDC
10.	3300	Feasibility Study of STP at West Bokaro Division (WBD)	Prof. S. K. Gupta Dr. Alok Sinha	TATA
11.	3313	Effluent analysis of Regional Hospital Baghmara.	Dr. B. K. Mishra	BCCL
12.	3315	Preparatin of Environmental Statement Report for DVC Mines	Dr. Biswajit Paul	DVC
13.	3404	Environmental Audit of Matix Fertilizer (Amount: Rs.2,30,000)	Dr. B.K. Mishra	MATIX Fertiliser and Chemicals Ltd.
14.	3049	Technical Consultancy for waste-water management and control of water pollution from plant and mines of BIOM (Amount: Rs.12,50,754)	Dr. Alok Sinha	NMDC
15.	3329	Advance Treatment of Solid & Hazardous Waste: Current Perspectives (Amount: Rs.45,000)	Dr. Vipin Kumar	BCCL

2017-18

<b>Consultancy Projects commenced during Financial Year 2017-18:</b>				
<b>Sl. No.</b>	<b>Consultancy Project Number</b>	<b>Title of the Consultancy Project</b>	<b>Consultant In-Charge</b>	<b>Sponsoring Organization</b>
1.	3504	Monitoring of Ambient Air Quality of Katras Area BCCL as per NAAQS 2009	Dr. M. K. Jain Dr. Suresh PandianE	BCCL
2.	3507	Monitoring of Air Quality analysis and Water Samples at different point of Washery Chasnalla.	Dr. Suresh PandianE Dr. B. K. Mishra	SAIL
3.	3519	Assessment of Ground Water and Surface Water at Muri.	Dr. B. K. Mishra Prof. S. K. Gupta Dr. Alok Sinha	HIL
4.	3536	Storm water management plan for Sanindpur Iron and Bauxite mine <i>(Amount: Rs.5,75,000)</i>	Dr. Biswajit Paul	Rungta Sons(P) Ltd.
5.	3543	Air and Mine water Analysis for our two collieries Namely Bararee Colliery and Lodhna, BCCL.	Dr. B. K. Mishra Dr. Suresh Pandian E	BCCL
6.	3544	Study on the impact of traffic density on ecology and human community around the ML area <i>(Amount: Rs.5,75,000)</i>	Dr. Biswajit Paul Dr. Suresh Pandian E	Feegrade & Co. Pvt. Ltd., Odisha