



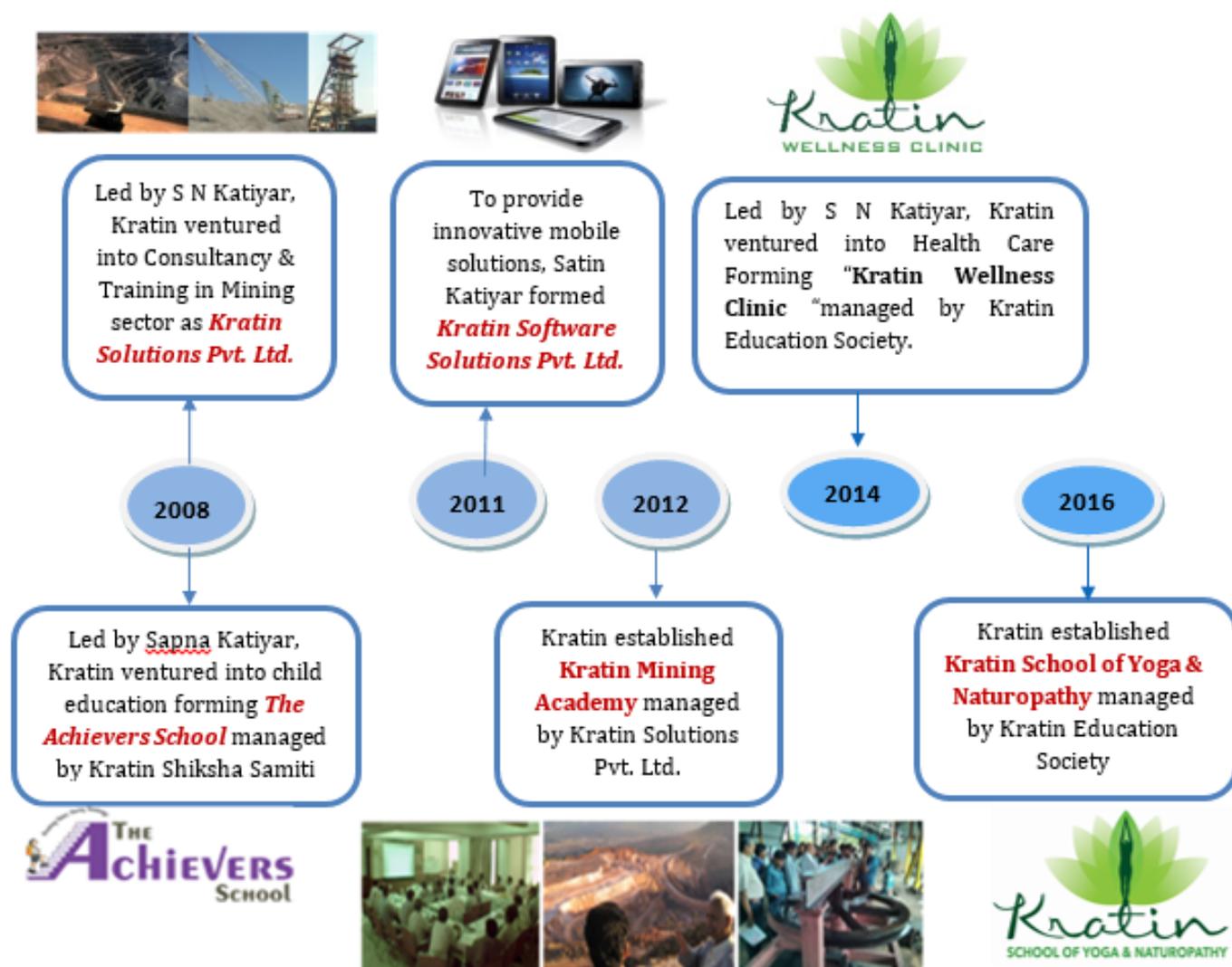
Kratin

*Breathing Values,
Sharing Knowledge*

Kratin Solutions Pvt. Ltd.

A Brief Profile

About Kratin Group



And now in 2023, Kratin Solutions Pvt. Ltd.

begins its work from the Mining Hub of Rajasthan, Lake City Udaipur

to serve Mining & Allied Industries in North-Western India.

About Kratin Solutions Pvt. Ltd.

Realizing the future growth and expected challenges to Indian Mining Industry, in 2008, Kratin group, under the leadership of Sri S. N. Katiyar, Ex. Director (Technical) BCCL (a subsidiary of Coal India Ltd) ventured into Mining Sector. Sri. S. N. Katiyar has more than **54 years** of experience in the Indian Mining Industry.

Kratin has a well-established infrastructure with all reasonable facilities for training, coaching, conferencing, seminars, etc. at its headquarters and a team of experts with vast know-how and experience in the Indian Mining industry spanning multiple disciplines (Mining, Electrical, Mechanical, Environment, Finance, Geology and geographies (West Bengal, Orissa, Jharkhand, Madhya Pradesh, Chhattisgarh, Maharashtra and Rajasthan). **Kratin is Registered under MSME, Govt. of Maharashtra.**

Since 2008, Kratin has been actively involved in providing solutions in the area of Planning, Operation, Environment, Health & Safety, and Training to the Indian mining industry; and Coaching for the exams being conducted by Board of Mining Examinations (DGMS).

Kratin has started a unit at Udaipur from 2023 to serve North-Western part of India (Rajasthan, Gujrat, Haryana, Himachal Pradesh, and Uttar Pradesh).

Services Offered

Kratin offers multifarious services to the Mining Industry, right from skill development to mine planning, reorganization, and management of mining operations to improve operational efficiency.

Some of the services offered by Kratin to Coal & metalliferous mining are given below:



Mine Planning:

- 1) Conducting Techno Economic Viability (TEV) study.
- 2) Preparation of -
 - Techno- Feasibility Study Report of coal blocks.
 - Detailed Project Report (DPR).
 - Mining Plan.

Consultancy:

To improve the operational efficiency of the organization, Kratin undertakes system analysis of each mine operation right from planning to dispatch and suggests corrective & innovative solutions.

Safety:

Safety Audit, Risk Assessment and preparation of Safety Management Plan for coal & Metalliferous mines as per applicable statutory provisions including DGMS Circulars, Recommendations of various Safety Conferences and Standing Committee on Safety.



Survey:

Realizing the future growth and expected challenges to Indian Mining Industry, Kratin Solutions Pvt. Ltd. has started the services of Drone Survey in mines from July 2023.

Drone surveys in the mining industry do not only provide safer, faster, and more accurate data collection & analysis but also can enhance safety, reduce costs, and improve efficiency.

Presently, drones have become an indispensable tool for mining from the initial stage of demarcation of the block to the mine closer.

Benefits of Drone Surveys

Enhanced Safety: Drones eliminate the need for human presence in hazardous areas.

Cost and Time Efficiency: Rapid data collection & analysis, accelerates decision-making and reduces operational costs.

Improved Accuracy: High-resolution imagery and sensors provide precise mapping and monitoring capabilities.

Application of Drone Surveys in Mining:

Drone surveys in mines can serve various objectives depending on the specific needs and requirements of the mining operation.

Mapping and topographic surveys:

Mine Planning:

Stockpile measurement:

Safety inspections:

Surveying inaccessible areas:

Environmental monitoring:

Security and surveillance:

Deliverables We Provide

1. Ortho- mosaic image.
2. Mine boundary and features demarcation.
3. Point cloud and 3D model.
4. Digital Surface model (DSM)
5. Digital Terrain Model (DTM).
6. Topographical plan with contours
7. Volumetric Analysis (Stockpile)
8. Detailed report.

Training:

- Training and orientation courses for –
- Skill Development of Executives/ Supervisors/ Workmen including persons employed on statutory positions e.g., Safety Officers; VT Officers, VT Trainers; Safety Committee members etc.
 - Training on statutory provisions, applicable Mining Legislation including recommendations of Safety Conferences, Circulars, Notifications, etc.
 - Training related to Safety Management System.
 - Safety Audit, Risk Assessment and preparation of Safety Management Plan (SMP).
 - Emergency Response & Disaster Management.
 - Workers' participation in safety management
 - Training on -
 - Accident Investigation and preparation of accident enquiry report.
 - Behavior-based safety management
 - Occupational Safety & Health Hazards.
 - Training for -
 - Improving Production & Productivity.
 - Building and Maintaining an Ethical Workplace Culture
 - Motivation, Communication, Team building, and developing a sense of belongingness to improve Industrial Relations.
 - Training on Statutory works -
 - Online & Offline Filling of Statutory Returns
 - Statutory Record keeping.

Coaching:

Kratin is providing quality Coaching to the candidates appearing in Statutory examinations being conducted by Board of Mining Examinations (DGMS) for the Competency certificates of-

- 1st Class/ 2nd Class Mine Manager's Certificate of Competency (Coal/Metal)
- Mine Foreman's/ Mine Overman's Certificate of Competency
- Mining Mate's/ Mining Sirdar 's Certificate of Competency.

Miscellaneous:

- Organizing National Seminars & Workshops on different mining-related topics.

The Founder – S. N. Katiyar

- B.Sc. (Mining) & First Class Coal Mine Manager’s Certificate of Competency.
- Have more than 54 years of experience in Indian coal mines (Private & Public sectors) across India including management of underground & opencast mines of WCL, SECL and BCCL,
- Worked in underground mines of WCL (Mines of Pench, Kanhan & Wani Area), SECL (Chirimiri, Johila & Raigarh) and in BCCL, Dhanbad.
- Attended Advanced Management Course in U.K. in 1993.
- Introduced First Continuous Miner (Joy) in Indian Mines (At Anjan Hill Mine, Chirimiri, SECL) and has undergone training on Depillaring with Continuous Miner in South Africa in 2002.
- Was a member of the Standing Committee on Safety in Mines under Ministry of Coal from 2001 to 2005.
- Superannuated from the post of Director (Technical) BCCL, Dhanbad on 31st March 2008.
- Founded Kratin Group consisting of:
 - Kratin Solutions Private Limited in 2008.
 - Kratin Education Society in 2009.
 - [Kratin Wellness Clinic in 2014](#)
 - [Kratin School of Yoga & Naturopathy in 2016](#)
 - Kratin Software Solutions in 2011.
 - Kratin Shiksha Samiti in 2013 – “[The Achievers School](#)”.



President & CEO

Our Team

Kratin has a multi-disciplinary team of expert personnel having a proper mix of knowledge, agility, energy, wisdom, and proven experience. The team has a deep understanding of practical challenges being faced by the mining companies in India.

Experts Team of Kratin

Name (Sri)	Qualification & Experience	Designation
S N Katiyar	B. Sc. (Mining), ISM, Dhanbad. Ex-Director (Technical), BCCL, CIL, Dhanbad	President & CEO
S K Jagnania	B. Tech. (Mining), ISM, Dhanbad. Ex-Regional Director (RI-4) CMPDIL, Nagpur. Adjunct Prof. (Mining) in VNIT, Nagpur.	GM (Projects & Planning)
C S Soni	B.E. (Mining) from MBM University, Jodhpur, and MBA (HR). National Skill Development Corp. & DNV certified Safety Trainer. Auditor for ISO Management systems. 31 Years Experience in mines of SDCCL & Aditya Birla Group.	GM (Safety & Training)
S Ramtekkar	M. Sc. Geology, Nagpur University Ex-Geologist, Sarda Energy & Minerals Ltd.	Manager (Planning & Training)
P K Bakliwal	Samrat Ashok Technological Institute, Vikram University Ujjain, Vidisha, MP. Ex-Chief Engineer (E&M), SECL, CIL. 35 yrs. experience in CIL	Advisor (E&M)
Kaushik Chakraborty	B. Tech (Mining), M. Tech (Mine Planning & Design) from IIT(ISM), Dhanbad, FCC(Coal) Ex. General Manager (Environment and Forests), WCL, Nagpur.	Advisor (Environment)
Harshwardhan Bure	B. Tech Mining Drone Pilot & GIS Analyst 3 yrs. experience in aerial mapping and surveys.	Drone Pilot

Our experience:

Kratin has successfully executed the following:

Sr. No	Description	Company
Preparation of Project Reports		
1	Detailed Project Report for Nerad Malegaon Coal Block	Wani Coalfields Pvt. Ltd., Nagpur
2	Project Report for Brinda – Sisai Coal Block	Abhijeet Infrastructure Ltd., Nagpur
3	Project Report for Meral Coal Block	

Sr. No	Description	Company
4	Techno feasibility report -Mahugarhi Coal Block	Jas Infrastructure Pvt. Limited, Nagpur
5	Preparation of Conceptual scheme for reopening of Kustore abandoned mine of BCCL	Sunflag Iron & Steel Co. Ltd.
6	Project report for Marki Mangli Coal Block III	Topworth Urja & Metals Ltd., Nagpur
7	Revised mine plan and mine closure plan for Marki Mangli III coal block for a production capacity of 0.36 MTA	
8	Quick Feasibility Report & Financial Model for Bhivkund Coal Block	Ideal Energy Projects Ltd., Nagpur
9	Detailed Project Report including financial model for Kosara-Dongargaon Coal Block	Gurumehar Mining Company Pvt. Ltd., Gurgaon
10	Techno Economic Viability Study (TEV) for restructuring and fixed Assets Valuation for Chitarpur Project of Corporate Ispat Alloys Ltd.	Axis Bank
11	"Preparation of Techno-Feasibility Report of Dahegaon - Makardhokra -IV Coal Block for E- Auction – June 2022	M/s. Sanvijay Alloys & Power Ltd., Chandrapur
12	"Preparation of Techno-Feasibility Report of Dongri Tal – II (Phase- I) Coal block for E- Auction – June 2022	
13	Consultancy services for selecting the coal block - - West of Kiloni Coal Block, Bhadavati (MH), - Mandla South Coal Mine, Madhya Pradesh	
Safety Audit		
1	Safety Audit of Chasnalla colliery -2009 & 2016	ISP – SAIL, Dhanbad
2	Safety Audit of Jitpur colliery -2009 & 2016	
3	Safety Audit of Ramnagore colliery -2009 & 2016	
4	Safety Audit of Usha U/G Coal Mine, Banjikhoh	Jayaswal NECO industries Ltd. Raigarh
5	Safety Audit of JOCCM#1 Mine -2013 & 2014	Jindal Steel & Power Ltd., Raigarh
6	Safety Audit of Kaliapani Chromite Mines -2013 & 2014	Balasore Alloys Ltd, Jajpur, Odisha
7	Safety Audit of JPOCCM	Jindal Power Ltd., Raigarh
8	Preparation of Draft format/Guidelines for External Audit of Mines.	Indian Bureau of Mines, Nagpur
9	Safety Audit of All NCL Opencast Projects-2016	Northern Coalfields Ltd.

Sr. No	Description					Company
	Sr. No.	Project	Sr. No.	Project		
	1	Amlohri.	6	Jayant.		
	2	Bina.	7	Kakri.		
	3	Block B.	8	Khadia.		
	4	Dhudhichua	9	Krishnashila		
	5	Jhingurda	10	Nigahi.		
10	Safety Audit of Moher & Moher Amlohri Ext. OCP					SASAN POWER LIMITED
11	EHS Audit of L&T PSD (West) Service Station, Butibori, Nagpur on 22nd & 23rd July 19.					L&T
12	Safety & Health Audit of L&T, Bahadurgarh PSD Service Station, Haryana on 3 rd & 4 th Feb. 2020					
13	Third Party Safety Audit for Health & Safety at Gare Palma IV/8, Raigarh, Chhattisgarh.					Ambuja Cements Ltd.
Risk Assessment & Preparation of Safety Management Plan						
1	Risk assessment and preparation of Risk Management Plan for Chasnalla colliery					ISP – SAIL, Dhanbad
2	Risk assessment and preparation of Risk Management Plan for Jitpur colliery					
3	Risk assessment and preparation of Risk Management Plan for Ramnagore colliery					
4	Risk assessment and preparation of Risk Management Plan for Milupara coal mine					Monnet Ispat & Energy Ltd., Raigarh
5	Risk Assessment of Usha U/G Coal Mine, Banjikhoh					Jayaswal NECO industries Ltd. Raigarh
6	Risk Assessment of JOCCM#1 Mine -2013					Jindal Steel & Power Ltd., Raigarh
7	Risk Assessment of JOCCM#1 Mine – 2014					
8	Risk Assessment & Preparation of Risk Management Plan of Kaliapani Chromite Mines -2013					Balasore Alloys Ltd, Jajpur, Odisha
9	Risk Assessment & Preparation of Risk Management Plan of Kaliapani Chromite Mines-2014					
10	Risk Assessment & Risk Management Plan of JPOCCM					Jindal Power Ltd., Raigarh
11	Risk Assessment & Preparation of safety management plan of Tummalapalle Mine					Uranium Corporation of India Ltd. (UCIL)
12	Risk Assessment & Preparation of safety Management plan of TRB Iron Ore Mines,					Jindal Steel & Power Ltd., Tensa, Odisha.

Sr. No	Description	Company																												
13	Preparation of Health & Safety Management System of Nine Mines of SAIL-RMD: <table border="1" data-bbox="306 407 1018 685"> <thead> <tr> <th>Sr. No.</th> <th>Mine</th> <th>Sr. No.</th> <th>Mine</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Kiriburu</td> <td>6</td> <td>Kalta</td> </tr> <tr> <td>2</td> <td>Mrghahatuburu</td> <td>7</td> <td>Manoharpur</td> </tr> <tr> <td>3</td> <td>Bolani</td> <td>8</td> <td>Kuteshwar</td> </tr> <tr> <td>4</td> <td>Gua</td> <td>9</td> <td>Tulsidamar</td> </tr> <tr> <td>5</td> <td>Barsua</td> <td></td> <td></td> </tr> </tbody> </table>	Sr. No.	Mine	Sr. No.	Mine	1	Kiriburu	6	Kalta	2	Mrghahatuburu	7	Manoharpur	3	Bolani	8	Kuteshwar	4	Gua	9	Tulsidamar	5	Barsua			M/s. Steel Authority of India Ltd. (SAIL-RMD)				
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14	Review of the study on Risk Assessment & preparation of Safety & Health Management Plan for MOIL mines/Plants. <table border="1" data-bbox="320 779 1003 1234"> <thead> <tr> <th>Sr. No.</th> <th>Mine</th> <th>Sr. No.</th> <th>Mine</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Balaghat</td> <td>7</td> <td>Kandri</td> </tr> <tr> <td>2</td> <td>Ukwa</td> <td>8</td> <td>Munsar</td> </tr> <tr> <td>3</td> <td>Dongri Buzurg</td> <td>9</td> <td>Gumgaon</td> </tr> <tr> <td>4</td> <td>Chikhala</td> <td>10</td> <td>Beldongri</td> </tr> <tr> <td>5</td> <td>Tirodi</td> <td>11</td> <td>FM Plant, Balaghat</td> </tr> <tr> <td>6</td> <td>Sitapatore</td> <td>12</td> <td>EMD Plant, Dongri Buzurg</td> </tr> </tbody> </table>	Sr. No.	Mine	Sr. No.	Mine	1	Balaghat	7	Kandri	2	Ukwa	8	Munsar	3	Dongri Buzurg	9	Gumgaon	4	Chikhala	10	Beldongri	5	Tirodi	11	FM Plant, Balaghat	6	Sitapatore	12	EMD Plant, Dongri Buzurg	Manganese Ore India Ltd. (MOIL), Nagpur.
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6	Sitapatore	12	EMD Plant, Dongri Buzurg																											
15	Preparation of Safety Management Plan of Pakri Barwadih Coal Mining Project- 2017	NTPC Ltd.																												
16	Preparation of Safety Management Plan of Amelia (North) Coal Mine - 2018	JPVL (Jaypee Group)																												
17	Preparation of Safety Management Plan of Moher & Moher Amlohri Ext. OCP Of M/s. SASAN Power Ltd. -2018	SASAN POWER LIMITED (Reliance)																												
18	Preparation of Safety Management Plan of Talabira II & III Projects of M/s. NLC India Ltd. Sambalpur, Odisha. -2021	NLC India Ltd																												
Consultancy																														
1	Improvement of Ventilation of Milupara Coal Mine	Monnet Ispat & Energy Ltd., Raigarh																												
2	Surface Infrastructure Design and Cost Estimation - 30 MT Opencast Coal Mine, Orissa	John T. Boyd Company, Australia																												
3	Re-starting the closed / abandoned coal mines, Dhanbad	Essar Power Ltd., Delhi																												
4	Underground Coal Gasification for Rajasthan State Petroleum Corporation Ltd.,	aXYKno																												
5	For working Tasra Coal Block of Steel Authority of India Limited.																													

Sr. No	Description	Company
6	For Rajbar, Badam, Godulpara Coal Blocks, Power Project Lalpania of Tenughat Vidhyut Nigam Ltd. (Jharkhand)	
7	For Rowghat Iron Ore Project of SAIL	
8	For Pachwara North Coal block of West Bengal Power Development Corporation Ltd. (WBPDC)	
9	Preparation of Tender Documents of Lanco Infratech Limited	
10	Preparation of technical specifications for supply of Non-coking Steam (Thermal) Imported Coal to Gujrat State Electricity Corporation Ltd.	Ernst & Young
11	Project Costing and Monitoring for Washed Coal supply to various TPSs of MAHAGENCO (MSMC)	Maharashtra State Mining Corporation Ltd, Nagpur
Survey Job		
1	Topological survey & preparation of contour map for Nerad Malegaon Coal Block (Area 4.65 Sq. Km)	Wani Coalfields Pvt. Ltd., Nagpur
2	Survey Audit of Karwahi Opencast Coal Mine, Raigarh. (7 lakh sq. mtr. and depth about 40 mtrs.)	Sarda Energy & Minerals Ltd.
Lender's Independent Engineer		
1	Chitarpur Coal Mining project, Jharkhand as Lenders Independent Engineer.	Axis Bank Ltd.
Corporate Training		
1	Training on Risk Assessment & Management, Disaster Management and Recent Development in Mine Safety, Tensa Project	Jindal Steel & Power Ltd.
2	Training on "Disaster Management"	SECL, Bilaspur
3	Orientation course for Safety Officer, Asst. Manager and Supervisor (Overman) at Raigarh	Kratin Solutions Pvt. Ltd., Raigarh
	Orientation course for Colliery Engineers & Supervisors	
	Orientation course for VT Officers & Instructors	
4	Training on mining and mine safety.	M/s. SMS Infrastructure Ltd, Nagpur
5	Training on Health & Safety Management System for Mine officials of SAIL-RMD mines- 2014 (Kiriburu Iron Ore Mine, Meghahatubure Iron Ore Mine, Bolani Ores Mines, Gua Ores Mines, Barsua Iron Mines, Kalta Iron Mines, Manoharpur Ores Mines, Kuteshwar Limestone Mines, Tulsidamar Dolomite Mines)	M/s. Steel Authority of India Ltd. (SAIL-RMD)

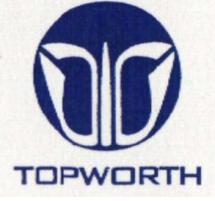
Sr. No	Description	Company
6	Training on "Safety Auditing for Mines" at Kiriburu RTC from 27 th to 29 th June 2019.	SAIL Safety Organization, Ranchi
7	Training program on 'General Safety in Mines' at MTI- Ranchi. (12 th & 13 th July 2022)	
8	Training on "Safety Auditing in UG Coal Mines" at SAIL GVTC- Chasnalla, Dhanbad (JH) from 11 th to 13 th Feb. 2020.	SAIL Collieries Division
9	Training program on Safety management in mining & construction for mechanics & technicians. 2015	Nagpur (MS)
		Durgapur (WB).
		Kanchipuram (TN).
	Training program for senior management personnel on "Statutory requirements for HEMM in mining industry (mines & service stations)" with case studies 2016.	Nagpur (MS)
	Training on "Statutory requirements for Mines & Service centers and good practices" on 23 rd July 2019.	L&T PSD (West) Service Station, Butibori, Nagpur.
	Training on "Statutory requirements for Mines & Service centers and good practices" 4 th Feb.2020.	L&T, PSD Service Station, Bahadurgarh, Haryana.
	Session on Mining Methods for quarry owners on 8th August 2017.	Lonavala
10	Training of Supervisors for Mining Mates Examination-2016	Thriveni Earthmovers Pvt. Ltd. Unchabali, Keonjhar Odisha
11	Training at Nagpur on "Safety Management System in Mines" for Senior Executives of GMDC. - 2016	GMDC
12	Training on "Stress management" for police professionals- 2016	Maharashtra Police HQ, Nagpur.
13	"Training for Trainers" 1 st to 6 th Dec. 2016	NMDC Ltd. BIOM, Kirundul Complex, (CG)
	"Training for Trainers". 4 th to 9 th January 2018	
	"Behaviour Based Safety & HR Related Management Training".	

Sr. No	Description	Company
	7 th to 10 th April 2018 “Front Line Supervisors Training Programme”. 30 th August to 11 th Sept 2018.	
14	“Front Line Supervisors Training Programme”. 6 th to 18 th April 2017 “Behaviour Based Safety Management Training”. 15 th to 20 th June 2017 “Training for Trainers”. 31 st Oct.19 to 5 th Nov.19 Motivation, Communication, Team Building & Industrial Relations - 5th Dec to 6th Dec 2019 Ways to Build and Maintain an Ethical Workplace Culture (Two days) - 7th Dec to 8th Dec 2019 Training on Worker’s Participation in Safety Management - 9th to 12th Dec 2019 “Inhouse Training Programme 2022” 1. "Structured training in Safety Management for Front Line Supervisor"- from 10th to 22nd Nov. 2022 (12 days). 2. "Training The Trainers" - from 6th to 11th Oct. 2022- (two programs 3 days each). 3. "Behavioral Based Safety Management Training" - from 13th to 18th Oct. 2022 - (three programs 2 days each).	NMDC Ltd. BIOM, Bachel Complex, (CG)
15	“Front Line Supervisors Training Programme”. 22 nd May to 3 rd June 2017 “Behaviour Based Safety Training” in two batches consisting of Workmen- 25 to 30 nos. (Batch-I) and JOs/ Executives - 25-30nos (Batch-II) of 2 days duration each batch. 31 st July to 7 th August 2018 Safety Management System & Safety Audit for Executives approx. 20 nos. duration of course 3 days. 31 st July to 7 th August 2018 Conducted 3 training programs from 11th to 20th Sept.19 at Donimalai Complex: - 1. Behavior based safety training in two batches (one batch for workmen and another for JOs/Executives). – 2 days training for each batch. (Total 4 days) 2. Training on Safety Management System in Mines (Safety Audit, Risk Assessment & Preparation of SMP) - one batch – 3 days	NMDC Ltd. Donimalai, Bellary, Karnataka.

Sr. No	Description	Company
	3. Innovative techniques for team building, developing sense of belongingness for healthy industrial relations - one batch. - 2 days	
16	Two days' Training at Nagpur on "Environment Management in Mines" for Environment Engineers & Geologist. (6 th & 7 th Feb. 2017)	MOIL Ltd.
	One day Training on "Effective supervision to improve safety" at Munsar Training Centre on 30 th Nov.22 (Participants 32)	
17	Training on Behaviour Based Safety Management on 1st & 2nd Sept. 2017 at Dulanga Coal Mining Project Sundargarh, Odisha.	NTPC Ltd.
	Two days Training on "Mines Safety and Legislation & Precautionary Measures during Monsoon in Mines" conducted on 24 th & 25 th Sept. 2019 at Dulanga Mine NTPC, Sundargarh.	
	Two days Training on "Mines Safety and Legislation" conducted on 18 th & 19 th Feb. 2020 at Dulanga Mine NTPC, Sundargarh.	
18	Two days training on "Safety Management in underground Coal Mines" for the mine employees and supervisors at Chhindwara (MP). (15 th & 16 th Nov.17)	Reliance Cement Company Pvt. Ltd. (M.P Birla Group)
19	Onsite Training for Internal Safety Auditors on methodology of conducting "Safety Audit, Risk Assessment and Preparation of Safety Management Plan" from 12 th to 14 th March 2018	SASAN Power Ltd Singrauli (Reliance)
20	Training on risk assessment & Safety Management Plan (SMP) of Amelia of M/s. JPVL, Singrauli (MP). - From 3 rd to 5 th Oct 2018	Jaypee Cement
21	Training on "Mining Legislation" for Workmen & Executives from 18 th – 23 rd Oct. 2019)	Hindustan Zinc Ltd. Ajmer (Raj.)
Training at Kratin Solutions Pvt. Ltd. Nagpur		
1	Safety Management Plan for Mines on 18 th to 20 th July 2019	NMDC-14, RCCPL-01 GEMCO-01
2	Safety Management Plan for Mines on 26 th to 28 th Aug.2019	NMDC-10, MOIL-02
Training courses for enhancing employability		
1	Selection & training of ITI trained electricians & fitters for Milupara mine	Monnet Ispat & Energy Ltd., Raigarh
2	3 years practical training course for Mining Sirdar	Jayaswal NECO industries Ltd. Nagpur
Coaching for competency examinations		
1	Manager's certificate of competency- 1 st & 2 nd class (Coal & Metal)	

Sr. No	Description	Company
	<ul style="list-style-type: none"> • Mine Management, legislation & general safety • Winning & working 	Kratin Mining Academy, Nagpur
2	Overman's and Foreman's certificate of competency	
3	Mining Sirdar's and Mate's certificate of competency	
4	Gas testing certificate of competency	
Workshop & Seminars		
1	National Workshop on <i>Ventilation & Fire Control</i> in Underground Mines	By Kratin Solutions Pvt. Ltd., Nagpur
2	National Workshop on <i>Rock Mechanics & Ground Control</i> (Coal & Metal)	
3	National workshop on <i>Safety Management in Mines</i> at Nagpur (11 th – 12 th August 2012)	
4	National workshop on <i>Environmental Management in Mines</i> at Nagpur (15 th – 16 th June 2013)	
Research Papers		
1	Alternate Sources of Energy - Coal Bed Methane (CBM)	Ernst & Young

Our Esteemed Clients:

 <p>LARSEN & TOUBRO</p>	 <p>THRIVENI</p>	 <p>Ambuja Cement</p>
<p>एन एम डी सी</p>  <p>N M D C</p>	 <p>एनटीपीसी NTPC</p> <p>NATIONAL THERMAL POWER CORPN. LTD.</p>	<p>RELIANCE Power <small>Anil Dhirubhai Ambani Group</small></p>  <p>RELIANCE Cement</p>
 <p>RCCPL</p>	 <p>JAYPEE GROUP</p>	 <p>MSMC</p>
 <p>SMS INFRASTRUCTURE LTD.</p>	 <p>SANVIJAY Sanvijay Alloys & Power Ltd.</p>	

Contact us:

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<p align="center">Kratin Solutions Pvt. Ltd. Nagpur 47, B-2, 1st Floor, Lambent IT Park, Harihar Nagar, Besa, P.O. Pipla, Nagpur – 440 037. Website: www.kratinsolutions.com</p> 		

Let's collaborate for mutual growth & success.
