

SKILLING IN MINING

News Update

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SKILL COUNCIL FOR MINING SECTOR
(Promoted by Federation of Indian Mineral Industries)

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From the desk of CEO

Dear all,



I take privilege to convey my greetings on the wonderful new year 2023 to all the members of Governing Board of SCMS, my fellow colleagues, officials of MSDE, NSDC & NVCET, Ministry of Mines, Chairperson(s) of District Mineral Foundation Trusts, my Co- CEOs of other skilling councils, our industry partners, training & assessment agencies, and all other stake holders.

Through this in house magazine, I would like to share couple of highlights for the year 2022: -

- On successfully completion of flagship pilot project at Northern Coal Fields Ltd, Singrauli, out of 480 candidates (with 22% diversity) so far 258 trainees have been employed. Rest are still in the process of placement.
- Similarly, our other project with DMF-Angul covering 150 candidates in the job roles of Mine Electrician, Mine Welder and Dumper Operator is also successfully completed with 70% placement.
- Regarding project with DMF-Latehar, till date, the training and assessment for 10 batches of Excavator and Loader operators is completed. Out of 196 certified trainees, the On-the-Job training facilitation is completed for 135 candidates.
- Glad to inform that SCMS has entered another MOU with Shri Chakravarti Singh Rathore (IAS), Collector and Managing Trustee, DMF -Jajpur (Odisha) on 15th November, 2022. This MOU is for short term training for 210 fresh candidates as well as RPL / upskilling of 1000 existing mining workers. The mobilization & training is expected to commence within this month.
- The last feather in the SCMS's cap is awarding a contract by MOIL for commencement of Special residential Project for a batch of 30 female candidates to be trained as 'Rig Mounted Drill Operators'. The training has commenced effective 3rd Jan 2023.
- On academic front we have signed 3rd MOU with Pacific University-Udaipur in November 2022 to introduce our sector specific job roles in their D.VOC/B.Voc in Mining course. Another MOU was signed in April 2022 with TEXMiN, set up by the GOI as the Technology Innovation Hub in "Technology for Mining" under NM-ICPS at IIT-ISM Dhanbad.
- During the last calendar year, SCMS have carried out 2,537 candidates trained under STT & RPL out of which 2,154 candidates are certified under Govt. & Industry funded.
- With year-end specific drive for ToT and ToA, now SCMS has galaxy of active 57 Master Trainers/ Trainers with 202 certifications, 53 Master Assessors/ Assessors with 281 certifications.



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- I am further happy to share that SCMS has launched few new initiatives like involvement in the process of deploying HEMM maintenance specialists to Australia in partnership with National Skill Development Corporation-International wing, awarding contract for the conversion of Virtual Reality modules for five mining Job roles and also completed impact study & analysis for the Mining Skilling Project of developing local talents as Jumbo Drill Operators & Winding Engine Operators executed at Hindustan Zinc Limited during the year 2016-2019. The key findings of the Impact study is also being released in this issue.

Now in the coming quarters we plan to enter into many more MOUs with Distt Mineral Foundation Trusts in the mining dominated states, execute skilling projects with public and private sector mining industries and their MDOs, extend support to many more universities in rolling out provisions of NEP and lastly re-strengthening our Governing board with inclusion of new members & directors. For all these agenda we look forward and request support from all our stake holders.

I would like to express my gratitude and thanks to all our members, partners, team members-SCMS and stakeholders for holding trust on the affairs of SCMS and look forward for continued patronage, guidance, and support in future as well.

Wishing you all a safe, healthy, and prosperous year,

Regards,

Sanjay Sharma

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37th Meeting of the Governing Board of Skill Council for Mining Sector

The 37th meeting of the Governing Board of Skill Council for Mining Sector was held on 27th December, 2022 at FIMI House, Delhi. The meeting was Chaired by Shri Pankaj Kumar Satija, Managing Director, Tata Steel Mining Ltd & Chairman-SCMS.

During opening remarks, Shri Pankaj Kumar Satija welcomed the members and then shared the key highlights and achievements of SCMS during 3rd quarter of the FY 2022-23.

After the opening remarks, Shri Sanjay Sharma, CEO-SCMS took forward the meeting as per the agenda.



GB meeting in progress

MOU with DMFT Jajpur, Odisha

Skill Council for Mining Sector has entered into an MOU with Shri Chakravarti Singh Rathore (IAS), Collector and Managing Trustee, DMF -Jajpur (Odisha) on 15th November, 2022 in the presence of other DMF officials. The MOU is for residential skilling project / Short term training for 210 local candidates in the trades of Mine electrician, mine welder, HEMM mechanic, dumper and excavator operators as well as RPL (recognition of prior learning)/ upskilling of 1000 candidates. The program is scheduled to launch in January 2023.



MoU signing between SCMS & DMFT Jajpur

Meeting with Hon'ble Minister of Rural Development, Skill Development & Technical Education, Bhubaneswar, Odisha

Sanjay Sharma, CEO-SCMS, and Navneet Kumar had a meeting with Shri Pritiranjan Gharai, Hon'ble Minister of Rural Development, Skill Development & Technical Education, Odisha, on 17th November 2022, in the presence of Shri Reghu G (IAS), Director, DTET and Shri Pankaj Satija, MD, TATA Steel Mining, and Chairman, SCMS. During the meeting, Navneet Kumar made a presentation on the activities being carried out by SCMS, skill gap analysis, skilling potential in the state, and collaboration opportunities available. The Hon'ble Minister suggested having a meeting with a larger community at a single platform to expedite the skilling initiatives, setting of standards and also encouraged to look for setting up a Center of Excellence so as to upgrade the skilling of mining workforce (new or existing) to embrace the technological advancements in the mining industries.



Meeting with Shri Pritiranjan Gharai, Hon'ble Minister of Rural Development, Skill Development & Technical Education, Odisha

MOU with Pacific University, Udaipur

SCMS signed an MOU with Pacific University (PU), Udaipur on 3rd December, 2022 for providing NSQF aligned add on courses related to mining domain. During the ceremony, presentations were made by Pacific University and Sudarshan- Head Industry engagement made presentation on behalf of SCMS. Success stories of skilling projects delivered at HZL, DMF Angul, DMF Latehar and upcoming projects at DMF Jajpur and MOIL were also shared. Shri Sanjay Sharma- CEO SCMS and Shri Hemant Kothari, Dean PG Studies on behalf of PU signed the MOU. The president Prof. Krishna Kant Dave, Prof. Tanveer Khazi, Director of Engineering (Academics), Shri Ashok Prajapati Head of Mining, Shri Younoush Rana- skill advisor to PU, Shri Mirza Suhail were also present during signing of ceremony.



MoU signing between SCMS & Pacific University

Inclusion of Diversity-A special project by MOIL

Ms. Usha Singh, Director HR, MOIL in the month of September, 2022 visited SCMS office, and took keen interest in understanding the various ongoing skilling projects by SCMS Pan-India. A detailed presentation on SCMS affairs was made by Navneet Kumar. Post visit & discussions SCMS has been awarded a specific project by MOIL for skill development Program. This program is specifically for a batch of 30 unemployed 'Female' candidates from Maharashtra and Madhya Pradesh who would be trained to become Rig Mounted Drill Operators. This is a completely residential program and the candidates would be given classroom, on-the-machine, employability skills training, etc. The program has been launched and commenced at Vivekanand Polytechnic, Sitasongi, Bhandara from 3rd January, 2023 and will run for 4 months followed by placement to at least 70% of the successfully certified candidates. The program would prove to be a benchmark in terms of Women's Empowerment and inclusion of diversity in the mining industry.



Glimpses of the selection process of candidates

MINING & EXPLORATION

At 4 mt, Russia becomes second largest met coal supplier to India in Jan-July period

Russia is amongst the top two suppliers of coking coal to India for the January–July period. Purchases were 26 per cent higher during the period to 4 million tonne (mt) due to cheaper offerings, coming at 30 per cent lower rates, and due to supply issues from Australia, the key seller. Metallurgical coal exports from Russia during the same period last year was around 3.2 mt and it also included pulverised coal for injection (PCI). Coking coal is one of the key raw materials for steel-making and accounts for about 40 per cent of the steel-making cost.

Trade sources say over the last two to three years, Russia was among the top four suppliers of coking coal competing with the US and Canada. For the January–July period, exports from Australia stood at 22.6 mt, down 28.4 per cent, while exports from US were at 4 mt., up 93 per cent. Exports from the US were on par with coal purchases from Russia, as some Indian mills tapped alternative countries to secure coking coal. Canada, Mozambique and Indonesia were among the three other major suppliers with 1.5 mt, 1.4 mt and 1 mt respectively. Mozambican coal imports picked up from June onwards with an Indian steel maker mooted its use in sponge iron mills.

“Russian coal, majorly PCI, is being imported by India to reduce dependency on Australian high-cost coking coal. The met coal imports from Australia are on a decline because of volatile pricing there,” a steel mill official told businessline. Data for the period show India’s met coal imports from Australia declined by over 28 per cent (from 31.6 mt in Jan– Jul 2021 to 22.6 mt) due to the volatile pricing.

Import trend

While the presentation made to the Ministry showed a 7.4 per cent decline in coking coal imports for the January– July period at 40.1 mt versus 43.3 mt in the year-ago-period, trade sources say imports increased by 4–5 per cent YoY between April and August to 23.2 mt (22.2 mt).

Between January and September, coal imports were close to 42 mt, almost flat y-o-y, trade sources said. As per Coalmint data, the coal arm of Steelmint, the January– September 2022 import was 41.8 mt versus 42.2 mt in the year-ago-period. Arrivals from Australia fell 16 per cent to 29 mt (January– September), while stocks brought from the US surged by 118 per cent YoY to 5.53 mt. “Weak domestic steel demand and likelihood of supply disruptions in Australia due to heavy rains may limit any surge in coking coal imports,” the report said.

(The Hindu Business Line, New Delhi – 11 November, 2022)

Govt says taking all required steps to boost coal production

The government on 12th December, 2022 said it is taking all required steps as well as coordinating with state and central agencies to start new coal mines and increase output from the operational mines. The country's coal production target is 900 million tonnes and the contribution of captive/ commercial mines will be significant, according to Coal secretary Amrit Lal Meena. The production of dry-fuel from coal blocks during April-November period of FY'23 was reviewed by the coal secretary with project proponents of operational coal blocks, as per a coal ministry statement. He also asked the project proponents to approach the ministry for early resolution of issues that impact coal production. Coal output from captive/commercial coal mines went up to 67.16 million tonnes in April-November period of the current fiscal from 50.49 million tonnes during the same period of FY'22. Production has started at three new coal mines in FY'23 and three other coal mines will start production by March next year. The coal ministry is

hopeful for more than 120 million tonnes of production from captive/commercial coal blocks in year FY'23, which will be an increase of about 40 percent over FY'22.

(The Economic Times, New Delhi – 12 December, 2022)

India's coal demand grew at highest pace globally in 2022

India's coal demand is expected to grow at 7 per cent on an annual basis in 2022—the highest by any country-fuelled by rising coal-based power generation to meet higher-than-usual summer temperatures and expanding economic activity. Coal consumption by the world's second largest consumer soared 14 per cent year-on-year (Y-o-Y) in 2021 to 1,033 million tonnes (MT), the International Energy Agency (IEA) said in its latest report. "The largest increase in coal demand this year is expected in India (7 per cent or 70 MT), followed by the European Union (6 per cent or 29 MT) and China (0.4 per cent or 18 MT), mainly led higher by stronger power sector use," the report projected.

The IEA report pointed out that India's consumption doubled since 2007 at an annual growth rate of 6 per cent, and is set to continue to be the growth engine for global coal demand. "In India, the government has tried to increase production for a long time to reduce imports. In 2021, coal production reached 800 MT for the first time. In our forecast, India's production surpasses 1 billion tonnes by 2025," it added.

The demand is largely being led higher by a sharp increase in electricity consumption, of which around 73 per cent will be generated by coal-fired power plants in 2022. "We expect electricity demand to grow by 7 per cent due to robust economic growth. Demand was also supported by the severe heatwave from March to early May. In April, the daily power deficit amounted to around 5 per cent of overall supply on a national level and up to 15 per cent in a few states. With such tight electricity markets, we expect coal consumption in the power sector to increase by 7 per cent in 2022," it said.

Coal-intensive industries, such as cement and steel, continued to grow in 2022. From January to September, monthly cement production averaged 11 per cent higher Y-o-Y. The growth rate peaked in May before slowing in July when the onset of the monsoon season curbed construction activity. Monthly sponge iron and hot metal production increased by an average of about 1 per cent and 6 per cent, respectively. "Overall, we expect 2022 thermal coal consumption outside the power sector to rise by 7 per cent and met coal by 2 per cent," the report projected.

Global demand growth for coal is expected to slow markedly in 2022, rising by just 1.2 per cent, but still reaching a new record of 8,025 MT, slightly above the 2013 level (7,997 MT). First, tight natural gas supplies and the resulting high gas prices are driving some countries and companies to turn to relatively cheaper coal. Second, heat waves and droughts in some regions of the world drove up electricity demand and reduced hydropower generation, creating a gap that had to be filled by mostly dispatchable thermal power plants.

(The Hindu Business Line, New Delhi – 17 December, 2022)

ALLIED INDUSTRY

Steel mills expect domestic demand to improve in H2 FY23

Indian steel mills have rolled over domestic prices (kept them unchanged) in November even as demand continues to be on the lower side on account of festival season. In effect, domestic steel prices for the benchmark HRC (hot rolled coils) will be around ₹57,000-58,000 per tonne; while that of cold rolled coils (CRC) will be around ₹65,000 per tonne (for early November deliveries), sources told businessline. For the

export market, Indian mills continue to find the going tough because of slowdown of orders in key markets, even at \$570/tonne prices. Exports remain depressed because of global recessionary pressures and increased price of Indian offerings compared with the competition. The HRC price dipped by ₹200/tonne to ₹56,000-56,500. Cold rolled coils witnessed a steeper fall at ₹1,700 per tonne w-o-w and was trading at ₹63,000-64,000, according to SteelMint. Prices of galvanised pipes (GP) remained flat at ₹68,000 per tonne. Steelmint's India Steel Composite Index dropped to a 12-week low for the week ending November 4, as it lost 1.5 per cent. The longs index edged down 0.83 per cent to end at 149.40 (150.70) points, flats slid by 1.45 per cent to 149.70 (151.90) points.

In October, some of the mills had to roll back announced price hikes. "Some sluggishness in demand continues in November, extending by over a month. In October, it was the festival season and extended monsoons that slowed the buying," a steel mill official said. India's crude steel production for the April-Oct period saw a 6 per cent rise year-on-year to 71.29 million tonnes (mt). Crude steel production by PSUs decreased 5 per cent; while production by private players increased 8 per cent, for the period under review, data from the Ministry of Steel show. A reduction in coking coal prices in Q3 should also help margins. However, Asian HRC prices have been correcting due to the weak Chinese economy, which could restrict the steel price upswing in the domestic market in H2 FY23. Realisation is expected to be lower by ₹800 per tonne in Q3, due to low-priced auto contracts finalised during H1.

The company management added that customers have started restocking, as domestic steel prices have begun to stabilise. This coupled with rising infrastructure activity would continue to drive steel demand in India. Mills predict improvement in demand on the back of infrastructure projects coming back on track, and orders resuming specially with the fall in price. Some of the north Indian markets continue to be jittery because of a construction ban (except roads and highway project) because of a spike in air pollution in Delhi-NCR.

(The Hindu Business Line, New Delhi – 8 November, 2022)

GENERAL

Why skill-based education is need of the hour

It is a process that helps children build a stronger foundation for a thriving future on the academic as well as professional front. Skill and vocation-based learning as recommended by the National Education Policy (2020) enables wide variety of learning capacities and incorporation of qualities that will help students handle the real world. Let us examine a few advantages of skill-based training at school:

Boosts creativity in students - In skill-based learning, students are pushed to think out of the box and innovate to find new ways to approach problems. Students are better able to grasp and learn new skills at an early age and they become more imaginative when exposed to a whole new range of experiences. Schools need to focus not only on academic learning, but skill-based learning as well which happens when children are exposed to projects, workshops and activities that make them holistic personalities for the future.

Skills help formulate clear goals - Conventional education systems assess students by marks and grades. However, skill-based learning at an early age prepares children for a world based not on test scores alone. Children develop clear goals as they get to explore the experiential side of life. This is vital as children will not depend only on memorizing concepts but be able to identify and analyze their strengths and weaknesses at an early stage. This will enable them to identify a clear path ahead of them and focus on fulfilling relevant goals.

Enhances independence of thought and action - When knowledge and skills are combined in pedagogical practices, they tend to encourage independent thinking among students. Skill-based teaching also prompts students to depend less on trainers. This approach to life should be embedded in children at a very young

age so that they continue with this vision when they grow older. Confidence to handle real life situations becomes part of students' outlook.

Encourages teamwork - Collaboration is the key to bring out the best results from actions intended to solve real-world problems. At most skill-based training programmes, focus is on team building, while preserving the capacity to think on one's own. The ability to strike a partnership is deeply appreciated in most settings ranging from school to industry. This will enable a renewal of skills that one possesses and prepare students to encounter and handle diverse situations.

Students become quicker learners - When students have multiple avenues to learn through, their speed of learning and grasping automatically shoots up. Using a skill-based approach can help students understand concepts faster and strengthen what they already know. Students also develop multi-tasking better at a younger age and eventually would be quick and decisive in multiple situations. Companies now look for candidates who have a great ability to shift from task to task quickly that calls for quickness in intelligence.

Develops communication skills - Through skill-based learning, children are taught to push boundaries and develop their vocabulary, which transforms them into better orators and communicators. In the modern world, jobs require great communication skills and the capacity to convey thoughts and intellect to people around you come from training in and exposure to communication modes in your younger days. Students should not miss opportunities to turn into excellent communicators, which would reap rewards and boost their confidence.

Skills help build futuristic workforces - Early introduction of skill development in the curriculum simplifies the transition from student to a working professional. Students develop employable skills when they receive holistic education and with technologies changing rapidly and enabling audio-visual learning, interactive and smart classrooms, students turn more competent compared to students who are not into skill training. Skill development in schools has a positive impact on the fabric of the country's workforce in the long run. In conclusion, it can be said that in a constantly changing environment, having life skills is a basic part of being able to address difficulties of regular day to day life. The dramatic changes in global worldwide economies over the course of the recent years have been complemented by changes in technologies. All these are impacting education a great deal at the school level and in the present scenario, there is no waiting till college and post-graduate education to develop skills. The mantra should be to learn skills earlier than later as we live in a rapidly changing world.

(The Hans India, New Delhi – 6 December, 2022)

Vocational education must be integrated into higher education institutes

The Ministry of Education organized a one-day Consultation Workshop on Reimagining Vocational Education and Career Guidance for School Students in collaboration with UNICEF and YuWaah at New Delhi. Secretary, Department of School Education and Literacy, Sanjay Kumar, chaired the consultation workshop and two roundtable interactions with the Ministry of Skill Development and Entrepreneurship, Directorate General of Training (ITI), PSSCIVE, Bhopal, NCERT, CBSE, NCVET, AICTE etc. The workshop and roundtable interaction were also attended by various experts from PwC, YuWaah, Civil Society organizations, state education department, practitioners and organisations working in the fields of vocational education and career counselling, corporates and current and passed out students.

During the keynote address, Secretary, Department of School Education and Literacy, Sanjay Kumar, pointed out that India needs to catch up with other countries in terms of skilling the workforce through formal vocational training during the student years. NEP 2020 has identified such issues and has suggested remedial measures. Kumar pointed out that as per NEP, 2020 Vocational Education needs to be integrated into all schools and higher education institutions in a phased manner over the next decade. Trades and

Courses shall be chosen based on skills gap analysis and mapping of local opportunities to make it demand driven. Concerted efforts from all stakeholders will be required to de-stigmatize Vocational Education and make it aspirational.

"The National Credit Framework, currently under finalization by the Ministry of Skill Development and Entrepreneurship will also eliminate traditional hierarchies and silos between different areas of learning. It will help in removing complex separations between arts and sciences, between curricular and extra-curricular activities, between vocational and academic streams, etc. By providing credits for academic, extra-curricular and experiential learning, NCrF will help dropouts from the formal education system to get reintegrated by aligning their practical experience with the appropriate Framework level," he added

The consultations were also addressed by Dhuwarakha Sriram Chief of Generation Unlimited (YuWaah), Youth Development and Partnerships and Terry Durian, Chief of Education, UNICEF. Various ideas related to reimagining, reinventing vocational education modules etc. were discussed at length. Importance of life skills - both vertical and horizontal, aspirational disconnect and information asymmetry in uptake of vocational education school, giving a gender perspective to vocational education, etc. were also focus of these discussions.

In the light of newly launched National Education Policy, 2020 the aim should be to empower students with skills such as cloud computing, artificial intelligence, machine learning, data analytics, robotic process automation, cybersecurity, etc. so that vocational graduates could compete in the global economy. The need to establish virtual labs, so that all students have equal access to high-quality practical and hands-on experience, was also stressed upon. The Conference also benefitted from the feedback from students who have taken vocational courses like Multi-Skilling course and Information Technology course.

(Business Standard, New Delhi – 18 December, 2022)

GLEANINGS FROM

MINISTRY OF SKILL DEVELOPMENT & ENTREPRENEURSHIP

Govt framing policy to make India skill supply hub for global value chains: Dharmendra Pradhan

The government is formulating a policy to make India the skill supply hub for global value chains, Union Minister Dharmendra Pradhan said on Tuesday. The Minister for Education and Skill Development and Entrepreneurship also said that the mapping of global skill-set requirements will be undertaken to identify the skilled manpower needs of various nations. He said that identifying skillset requirements will serve as an important element when the Department of Commerce negotiates trade deals with various nations on India's behalf.

A virtual Global Skills Summit was organised on 15th November, 2022 in association with four central government departments along with ambassadors to ten nations, including Australia, France, Germany, Japan, Malaysia, Mauritius, Singapore, Tanzania, UAE and UK in line with this proposed initiative. "India can the skilled manpower needs of the world. We have to make the country a skills supply hub for global value chains. A policy is being framed towards this objective. Keeping this in mind the Virtual Global Skills Summit was organised today," said the minister. Pradhan observed that the demand for skilled manpower from India has risen after the Industrial revolution 4.0.

"When the Department of Commerce enters into trade agreements with various nations, identifying the skillset of our citizens with that particular nation, mapping of global skill-sets requirement will be undertaken," Pradhan said. The minister emphasised that this proposed initiative will go a long way in providing employment opportunities to the youth of India in the coming years. "The summit aimed at institutionalising a robust mechanism for exchange of information on skill requirements of countries and the skill availability in India," an official statement said. Aligning with the vision of Prime Minister Narendra Modi, the government envisions positioning the country as a preferred global hub for a trusted skilled and certified workforce, and making India the skill capital of the world, the Ministry of Skill Development and Entrepreneurship said in a statement.

This will be achieved by creating world-class training infrastructure in the destination countries, propelling international mobility, and strengthening ties with foreign countries in specific areas to boost job opportunities for the youth, it added. Addressing the Summit, Commerce and Industry Minister Piyush Goyal said it is remarkable to see the whole of the government approach today and have all ministries and India Missions, come together on a single platform bringing in convergence through skill development and drive partnerships fostering global skill mobility.

Goyal stressed that serious negotiations need to be undertaken for dual degree and joint degree programmes. This will facilitate the opening of new opportunities for Indian youth to work abroad. He said we must encourage on-the-job training and the quality of skills should be maintained. This is an appropriate time for organising this summit and skill development can be the foundation for an Aatmanibhar Bharat. Pradhan said that we should create a stable model ensuring quality standards and work closely with the existing private players who already have knowledge about the global supply chain market. The summit deliberated on skill harmonisation and benchmarking of qualifications, quality standardisation, capacity building, and knowledge exchange to promote global mobility, employability, and readiness for the youth to join the global workforce.

(The Economic Times, New Delhi – 15 November, 2022)

Mandate for assessment and certification of Optional Trades (OT) apprentices

Under reference to point 8.7 of the NAPS (National Apprenticeship Promotion Scheme) guideline issued on 01.10.2019 by the Ministry of Skill Development and Entrepreneurship (MSDE) followed by another Memorandum No 9 (OM-9) on 30.12.2022 it has been notified that, assessment and certification are mandatory for all apprentices. This was amended based on the analysis of assessment/ certification numbers viz-a-viz completed apprenticeship contracts under optional trade were found abysmally low. The assessment for all the candidates who have completed their apprenticeship training starting from the year 2018 – 2019 are required to undergo assessment and certification. It is further mandated to conduct the pending and upcoming assessments through the apprenticeship portal only.

NATIONAL SKILL DEVELOPMENT CORPORATION

NSDC to focus reskill and upskill approximately 1.5 crore professionals by 2025

National Skill Development Corporation (NSDC) has launched a new look in the form of a logo focusing on 'Reimagine Future'. Furthermore, the organization aims to open 50,000 skill centers in India by 2025.

"The rebranding is focused on behavioral change of workplace brought in by evolution of change," said Shri Ved Mani Tiwari, CEO, NSDC. "The new identity will emphasize on digital skills, especially in the excluded communities such as women, minority communities, and tribal communities," Tiwari added.

According to him, as a part of the rebranding, NSDC aims to focus on the '4I's' including impact, integrity, inclusion, and innovation. Further, the organization aims to focus on employability skills, local-resource utilization, and language skills. "Language is an important aspect of skill development. We plan to work with institutions to introduce language-based skill training," Tiwari said.

Furthermore, NSDC aims to reach out to one crore students across school levels and higher education to provide upskilling courses. "Our objective is to focus on reskilling and upskilling approximately 1.5 crore professionals by 2025. It will be done through collaboration with companies and institutions," Tiwari explained.

(Skill Reporter, New Delhi – 21 November, 2022)

SKILLS IN PARLIAMENT

Lok Sabha Unstarred Question No. 800 answered on 12.12.2022

National Policy on Skill development

800. Shri Y.S. Avinash Reddy:

Will the Minister Skill Development and Entrepreneurship be pleased to state:

- (a) whether any review has been done of the National Policy on Skill Development and Entrepreneurship launched in 2015, in view of change in technology and environment;
- (b) if so, the details thereof;
- (c) whether the integration of formal education with skill development has been achieved in the country, if so, the details thereof; and
- (d) whether the apprenticeship training courses were offered to the eligible youth in the country, especially in Andhra Pradesh and Telangana during the last five years, if so, the details thereof?

Answer

**Minister of State in the Ministry of Skill Development and Entrepreneurship
(Shri Rajeev Chandrasekhar)**

(a) & (b) With the vision to create an ecosystem of empowerment by skilling on a large scale at speed with high standards and to promote a culture of innovation-based entrepreneurship which can generate wealth and employment so as to ensure sustainable livelihoods for all citizens in the country, the National Policy for Skill Development & Entrepreneurship (NPSDE) was launched in July, 2015. No formal review of NPSDE has been undertaken. In order to meet skilling requirement for future workforce, to improve the quality of skilling and align the training programs with the changes in the economy and technology to meet the needs of the industry, following steps have been taken by Ministry of Skill Development and Entrepreneurship (MSDE):

- i. Expansion in infrastructure of Industrial Training Institutes (ITIs) through new ITIs in Public and Private Sectors.
- ii. Upgradation and modernization of ITIs in terms of their infrastructure, pedagogy, curriculum and technology interventions.

-
- iii. Introduction of new-age courses in Internet of Things (IoT), Renewable Energy, Additive Manufacturing Technology (3-D Printing), Mechatronics, Drone Technology in ITIs.
 - iv. Launching of the Pradhan Mantri Kaushal Vikas Yojana (PMKVY), for imparting short-term skill training to the youth.
 - v. Implementation of JSS to impart Vocational Skills to non-literates, neo-literates and the persons having rudimentary level of education upto 8th standard and school dropouts upto 12th standard in the age group of 15-45 years.
 - vi. Notification of common norms for bringing about uniformity and standardization in implementation of various Skill Development schemes by different Central Ministries/ Departments.
 - vii. Setting up of Sector Skill Councils (SSCs) as industry-led bodies to develop National Occupation Standards (NOSs).
 - viii. Implementation of Skills Acquisition and Knowledge Awareness for Livelihood Promotion (SANKALP), an outcome-oriented World Bank assisted project for strengthening institutional mechanisms at both national and state levels.
 - ix. Implementation of Skills Strengthening for Industrial Value Enhancement (STRIVE) scheme, a World Bank assisted project launched with the objective of improving the relevance and efficiency of skills training provided through Industrial Training Institutes (ITIs) and apprenticeships.
 - x. Mobilisation/outreach activities through Kaushal/Rozgar Melas, Skills Career Counselling Scheme in making skilling aspirational.
 - xi. Alignment of courses as per National Skill Qualification Framework (NSQF).
 - xii. Trainings of Trainers through National Skill Training Institutes (NSTIs) and Institutes of Training of Trainers (IToTs).

(c) Considering the importance of the Skill Development among the school students, the Department of School Education and Literacy (DoSEL) is implementing an initiative of vocationalization of School Education under the Centrally Sponsored Scheme - Samagra Shiksha - throughout the country. The Scheme aims at integrating vocational education with general academic education in all Secondary/Senior Secondary schools, enhancing the employability and entrepreneurial abilities of the students, providing exposure to work environment and generating awareness among students about various career options so as to enable them to make a choice in accordance with their aptitude, competency and aspirations.

Under the scheme, National Skills Qualification Framework (NSQF) compliant vocational courses are offered to the students from class 9th to 12th in the schools covered under the scheme. At the secondary level, that is, Class 9 and 10, vocational modules are offered to the students as an additional subject. At Senior Secondary level, that is, Class 11 and 12, vocational courses are offered as a compulsory (elective) subject.

Employability skill module has been made a mandatory part of the vocational courses. It consists of communication skills, self-management skills, information and communication technology skills, entrepreneurship skills and Green skills.

The National Education Policy (NEP) 2020 has also given a special emphasis on vocational education and skill development. Integration of vocational education with general education and mainstreaming of vocational education have been identified as the key reform in the education system of the country. In order to fulfil various objectives of the NEP, the existing scheme of Samagra Shiksha has been revamped and various new interventions relating to vocational education have been incorporated. Some of them are as under:

- (i) Coverage of vocational education has been expanded to over Government aided schools also in addition to Government Schools.
- (ii) Hub and Spoke Model of Vocational Education has been introduced providing for the utilization of the infrastructure available in the Hub Schools by the students of nearby schools (spoke schools) for vocational training.
- (iii) Exposure of pre-vocational education at Upper Primary level.
- (iv) Internships, bagless days, etc. have been included under innovation component of Samagra Shiksha.

Under the Scheme, a module on entrepreneurship development has been made a core component of vocational education programme from Grades 9 to 12 for nurturing innovation and creativity among the students. The module has been oriented towards the development of creative and innovative skills among the students so that they can apply new knowledge to the existing work and create new ideas and values.

Taking the vision of New Education Policy, Government of India has developed National Credit Framework (NCF) to enable integration of academic and vocational domains to ensure flexibility and mobility between the two.

NEP and vocationalisation of school education target at reduction in the number of new entrants to the labour force without any vocational skills.

(d) The National Apprenticeship Promotion Scheme (NAPS) aims to promote apprenticeship training in the country including Andhra Pradesh and Telangana by providing stipend support to the apprentices. From 2017-18 to 2021-22, a total of 13,90,565 persons have been provided apprenticeship training across the country which includes 36,297 persons in Andhra Pradesh and 71,101 persons in Telangana.
(Lok Sabha, New Delhi – 12 December, 2022)

Lok Sabha Unstarred Question No. 2019 answered on 19.12.2022

Skill development training to increase GDP

2019. Shri Dibyendu Adhikari:

Will the Minister Skill Development and Entrepreneurship be pleased to state:

- (a)** whether it is a fact that skill development is no longer a matter of choice but an imperative to adapt, survive and succeed to a pivotal role in employment and livelihood;

-
- (b) if so, India's focus on skill development and training is to increase GDP by 5 percent in 2035 therefor;
- (c) present status of NSDC and NSDA in the country and their initiatives towards post pandemic employment scenario therefor?

Answer

Minister of State in the Ministry of Skill Development and Entrepreneurship (Shri Rajeev Chandrasekhar)

(a) & (b) Technology and Digital are creating changes and opportunities in workforce of today and in coming future- in India and the world. The workforce and Entrepreneurs of this new phase of opportunities need skills across every sector.

Therefore, Skilling, re-skilling and upskilling of the workforce is critical to pursue new emerging opportunities and to adapt to changes in current industry and employment landscape. Skills are a pathway to new opportunities as well as job and income mobility.

The vision of National Policy on Skill Development & Entrepreneurship (NPSDE), launched in 2015, is to create an ecosystem of Skilling of high Standards and to promote a culture of innovation based entrepreneurship which can generate wealth and employment so as to ensure Sustainable livelihoods for all citizens in the country.

(c) National Skill Development Corporation (NSDC) is a Public Private Partnership firm set up by the Ministry of Finance. NSDC works closely with the Ministry of Skill Development and Entrepreneurship in coordinating and stimulating initiatives in the area of skill development. The corporation implemented special Customised Crash Course Programme for COVID Warriors with the aim to train about one lakh COVID warriors.

National Council for Vocational Education and Training (NCVET) was established in December 2018 by subsuming the functions of erstwhile National Council for Vocational Training (NCVT) and National Skill Development Agency (NSDA). It acts as an overarching regulatory body under Ministry of Skill Development & Entrepreneurship to regulate the functioning of entities engaged in vocational education and training, both long-term and short-term, and establish minimum standards for their functioning. In the post COVID pandemic scenario, NCVET has taken the following steps for qualitative improvement and regulation of vocational education and training:

- Approved 6 courses of COVID Frontline Workers during COVID Pandemic, to provide support and to cater to the deficiency of field health workers in the country and a course of Commercial Vehicle Driver.
- Formulated and rolled out guidelines for Blended learning and assessments enabling learning and assessments through blended modes, without the constraint of availability of physical infrastructure.
- Formulated and approved the guidelines for Cross sectoral and Multi sectoral skilling to enable the learners to undertake job roles which cut across multiple sectors and are suited to the post pandemic scenario.
- Facilitated development of 254 future qualifications to cater to emerging job roles in the post pandemic scenario.

(Lok Sabha, New Delhi – 19 December, 2022)

Lok Sabha Unstarred Question No. 1855 answered on 19.12.2022

Skill development (Seekho aur Kamao)

1855. Shri Arvind Dharmapuri:

Will the Minister Skill Development and Entrepreneurship be pleased to state:

- (a) the details of Skill Development Initiative Scheme (Seekho Aur Kamao) initiative in Telangana State;
- (b) the number and names of Project Implementing Agencies engaged with the scheme in Telangana, district-wise; and
- (c) whether there is any data to know the number of trained youth who have been absorbed in employment or entrepreneurial venture and if so, the details thereof especially in Nizamabad and Jagtial districts of Telangana?

Answer

**Minister of State in the Ministry of Skill Development and Entrepreneurship
(Shri Rajeev Chandrasekhar)**

(a) & (b) Seekho Aur Kamao is a placement-linked skill development scheme launched in September 2013 by Ministry of Minority Affairs (MoMA). The scheme aims to upgrade the skills of minority youth in the age group of 14 to 45 years, in various modern/ traditional skills. The scheme has been implemented across the country including Telangana state. Since inception about 17364 beneficiaries have been trained and 10995 beneficiaries have been reported as placed in Telangana under this scheme. 28 Project Implementing Agencies have been engaged in the scheme for the state of Telangana.

Currently, the scheme has been converged into an integrated scheme - 'PMVIKAS i.e. Pradhan Mantri Virasat Ka Samvardhan'. PM VIKAS aims to improve livelihoods of the minorities, particularly the artisan communities, using the components of skill development, education, women leadership & entrepreneurship. These components compliment each other in the ultimate objective of the scheme to increase the incomes of the beneficiaries and provide support by facilitating credit and market linkages.

(Lok Sabha, New Delhi – 19 December, 2022)

SCMS IN ACTION

GHH India Mining & Tunneling Equipment Pvt. Ltd.

SCMS is executing a Jumbo Drill Operator Training at HZL/Zawar Mines for GHH India. The program aims to upgrade skills of 60 helpers to make them jumbo Drill Operators. The program started on 30th July, 2022. The training of first batch of 20 candidates is already completed on 26th September, 2022. A new batch of another 20 candidates is scheduled to start in January 2023.



Glimpse of Training

National Conference on Skilling and Non-Traditional Livelihoods for girls under BetiBachao, BetiPadhao

SCMS got a privilege to attending the International Day of the Girl Child during National Conference on Skilling and Non-Traditional Livelihoods for girls under BetiBachao, BetiPadhao held on 11th October, 2022 at Vigyan Bhawan with around +1000 participants. The conference was chaired by Smt. Smriti Zubin Irani, Hon'ble Minister of Women and Child Development with focus on Multi-ministerial convergence, skilling of girls, increasing enrollment of girls at secondary level in schools, raising awareness about menstrual hygiene, and promulgating elimination of child marriages.



Hon'ble Minister Smt. Smriti Zubin Irani embraced and encouraged the girl who shared her success story during event

New Employability Skills Workshop

Apoorv Aishwarya, Navneet Kumar and Sudarshan attended New Employability Skills Workshop for training the Master Trainers organized by NSDC from 10-14 October, 2022. The learnings from this training is being cascaded to the other trainers associated with SCMS.

ASSOCHAM Conference on Underground Coal Mining

Shri Sanjay Sharma, CEO-SCMS shared the dais with Shri M. Nagaraju, Additional Secretary, Ministry of Coal, GOI, Shri Rajendra Ingale, Chairman, ASSOCHAM-National Council on Coal & Business Head - Coal Mining, Adani Enterprises Limited, Shri Abdul Kalam, Ex CMD ECL & Ex Director Tech CIL during the Conference on “Underground Coal Mining” - Challenges, Opportunities & Way Forward hosted by ASSOCHAM on 20th October, 2022 at Le-Meridian, New Delhi. It was a great forum to exchange the learning on Regulatory Challenging Affecting Underground Coal Mining, Analysis of demand & Supply of coal, Land acquisition & environmental concerns, R & D facilities for improvisation with top focus on Health & Safety Standards etc from eminent speakers from industries.



Shri Sanjay Sharma, CEO-SCMS shared the dais with other dignitaries

Kaushal Mahotsav

SCMS participated in ‘Kaushal Mahotsav’ organized by the Ministry of Skill Development and Entrepreneurship on 06th November 2022 at Dhenkanal, Odisha. More than 70 companies across 20+ sectors brought innumerable apprenticeship and job opportunities for the youth of Odisha. The program was inaugurated by Shri Dharmendra Pradhan, Hon’ble Minister for Education, Skill Development and Entrepreneurship, and graced by Shri Ved Mani Tiwari, CEO, NSDC. Sudarshan and Sanjeet from SCMS represented and displayed Mining machinery replicas and also ran success story videos throughout the day at the stall. On SCMS’s request QuessCorp a staffing agency company also ran a stall and registered and shortlisted around 70+ candidates. SCMS has also conducted a campaign for candidates who are interested to undergo skill training and enhance their skills in mining-specific job roles and could gather around 209 applications with major liking for Dumper Operator, Excavator Operator, Loader Operator, Backhoe Loader, Electrician & Mechanic Fitter.



SCMS participation in Kaushal Mahotsav



Distribution of placement offers to the candidates during Kaushal Mahotsav by Shri Dharmendra Pradhan, Hon'ble Minister for Education, Skill Development and Entrepreneurship

MOU with CFRCSR

Skill Council for Mining Sector have signed an MOU with CFRCSR Integrated Skill Foundation on 19th November, 22. Shri Avadh Kishore Sharma- Chairperson- CFRCSR signed the MOU in presence of Ms. Vinita Vishwakarma, company secretary (CFRCSR) and Navneet Kumar, Head Business Development (SCMS). This is a non-financial MOU which will help in seeking funds from govt. and industry CSR, enrolment of unskilled/ skilled candidates on a dedicated portal to facilitate their employment.



Memorandum of Understanding between SCMS & CFRCSR

FIMI's Managing Committee Meeting

Shri Sanjay Sharma, CEO, SCMS attended managing committees meeting of FIMI held on 25th November, 2022 at FIMI Auditorium, New Delhi where he presented the updates on various skilling projects undertaken by SCMS.

Meeting with Ministry of Mines on revision of PMKKKY Scheme

On invitation from Ministry of Mines, GoI, Shri Sanjay Sharma, CEO-SCMS, Shri Navneet Kumar-Head Business Development (SCMS) along with Shri BK Bhatia-Additional Secretary General representative from FIMI attended the fourth meeting of the committee constituted to revisit/amend the PMKKKY guidelines at Khanij Kaksh, Shastri Bhawan, New Delhi on 28th November, 2022. The meeting was chaired by Shri Sanjay Lohiya, Additional Secretary, MOM. During the meeting SCMS made a detailed presentation highlighting suggestive changes chiefly to simplify the process of awarding skilling projects in favour of Sector Skill Councils. Shri Bhatia emphasized for allocation of certain percentage from DMF to be used for skilling projects for Project affected persons with allocation of funds to SCMS as well as consideration of RPL by all mining industries and MDOs.

New Affiliates & Industry Membership

SCMS added following 07 new industry members who are willing to support SCMS in various skilling activities. These industry memberships are from Ferrous, Non-Ferrous, Metal, Non-Metal and Minor Mineral Mining companies: -

S.no.	Name of the organization	Product	District	State
1	Jyoti Granites	Granites	Guntur	Andhra Pradesh
2	Pavan Granites	Road Construction Material	Krishna	Andhra Pradesh
3	Readymix Industries	Ready Mix concrete	Kengeri Hobli	Karnataka
4	K Srinivas Stone Quarry	Road Construction Material	Chikkaballapur	Karnataka
5	JSW Cements	Limestone and Dolomite	Bagalkot	Karnataka
6	Nandi Mining Company	Limestone	Bagalkot	Karnataka
7	KFIL (KBM) Mines	Iron Ore	Bellari	Karnataka

Besides above, M/s PANTISS Foundation, Odisha, M/s Mahendra Skills Training & Development Pvt. Ltd & M/s CUATCREST Academy Private Limited, Delhi have been affiliated with SCMS as new Training Partners.

10th CII Global Summit on Skill development and Livelihood

Shri Sanjay Sharma, CEO and Navneet Kumar, Head Business Development, SCMS attended 10th CII Global Summit on Skill development and Livelihood - Forging Agile and flexible workforce: Bolstering Global Mobility of Skilled Talent" on 13th December, 2022 at Hotel Lalit, New Delhi. The deliberations highlighted that with Europe, Japan, South Korea and other countries experiencing rapidly aging populations, India with its largest youth population stands at an advantageous position to become the talent powerhouse to the world.

ASDM -CEO SSC Meeting

Shri Sanjay Sharma, CEO attended meeting chaired by Shri B. Kalyan Chakravarthy, IAS, Principal Secretary to the Govt. of Assam, Skill, Employment & Entrepreneurship and Labour Welfare Department and Shri Ankur Jain, (IPS), Mission Director, Assam Skill Development Mission (ASDM), Govt. of ASSAM. at India Habitat Centre, New Delhi on 14th December, 2022. During meeting many other fellow CEOs of Sector Skill Councils also participated. The agenda of the meeting was in fact an open invitation to the Sector Skill Councils to share their deliverables for the state of Assam & formulation of future roadmap of skill ecosystem in Assam.

FICCI 95th Annual Convention

Upon invitation from FICCI, Shri Sanjay Sharma, CEO attended their 95th Annual Convention held at Hotel Taj Palace, New Delhi. On 17th December, 2022

ToTs organized by SCMS

SCMS carried out multiple one-day ToT/ToA programs for existing trainers & assessors during the Q-3, FY 2022-23, on the job roles like Bulldozer Operator, Dumper Operator, Loader Operator, HEMM Mechanic, Mechanic/Fitter, Mine Electrician, Mine Welder etc. as per details mentioned below:

S.No.	Program Type	Mode	Date	Persons/ Certifications	Remarks
01.	TOMA (Existing Master Assessors)	Online Program	19-Dec	24/111	Migration of Master Trainers/ Assessors from old to new version of QFs through one day orientation on Employability Skills etc. certifications in process on SIP.
02.	TOMT (Existing Master Trainers)	Online Program	19-Dec	21/102	
03.	TOT (Existing Trainers, Batch-1)	Online Program	20-Dec	15/15	Re-certification of existing trainers
04.	TOT (Existing Trainers, Batch-2)	Online Program	20-Dec	09/09	

Shri M K Mathur, Shri Jagdish Joshi were the members of assessment panel for ToTs along with Shri Apoorv Aishwarya, Head Industry Engagements - SCMS.

As on date, SCMS has galaxy of 57 Certified Trainer/ Master Trainers (202 Certifications) and 53 Certified Assessor/ Master Assessors (281 Certifications).

Impact Study-Skilling project @ Hindustan Zinc Ltd

SCMS allocated the first Impact Assessment Study work to the empaneled partner M/s S R Asia on 24th August 2022, for the skilling project executed at HZL during 2016-19 in Jumbo Drill Operator & Winding Engine Operator trades.

The research was conducted in and around 3 training centers located in the districts of Bhilwara, Rajsamand, and Udaipur in Rajasthan. Out of 326, 171 successful trainees and 30 dropouts were interviewed. There were 4 trainers, 2 training partners, 7 employers, 2 assessors and 2 assessment agency partners, and a monitoring agency for in-depth interviews. There were 4 relatives of dropouts, 16 friends/relatives of successful trainees.

The final report has been submitted by the partner and the key findings on the impact of the training are as below –

- 85.54% (136) of the respondents were satisfied with the overall training experience imparted to them in course out of which 23.90% (38) were highly satisfied. 13.84% (22) of the respondents were neutral.
- 84.82% of the trainees were satisfied with the quality and quantity of the training components such as training material, equipment facilities, availability of SIMLOG, availability of SIMULATOR, lodging facilities, boarding, mine commuting, co-curricular activities, uniform and personal protective equipment.
- 92.12% (152) of the respondents found the skill development course useful in up-skilling them.

- iv. **89.70% (148) of the respondents have commented that the skill training imparted has indeed improved their income levels.**
- v. 90.48% (152) were completely satisfied and would recommend to others.
- vi. 100% of the trainers were extremely satisfied with training schedule, implementation and hands on training equipment and machines trainings provided to the trainees.
- vii. **100% of the employers of these trainees felt that the new trainees were adequately trained for JDO and WEO machine handlings, improved productivity than existing employees and were willing to work even as helpers as per the organization's requirements.**
- viii. 100% (171) of the trainees and 100% of the trainers appreciated the course curriculum, content, pedagogy, assessments, and practical hands-on training.

With regard to opportunities for improvement the respondents mentioned that more hands-on time on training equipment and machines is required since these were at times not available due to onsite workings. They further suggested for use of simple Hindi and English words with greater visual control for easier understanding and assimilation.

Overall, the program has become aspirational for the future candidates and helpful for the mining sector employers to meet the requirements of day one ready skilled operators for heavy machinery and equipment in the mining sector. Few success stories are narrated hereunder: -

SUCCESS STORIES: Trainee Speak

NAME: Dwarka Prasad Gujar
SCMSTC: Dariba Mines
DISTRICT: Bhilwara
STATE: Rajasthan

I used to earn Rs. 15,000 per month as a store clerk at Agucha Mines before participating in the training programme. I was dissatisfied with my low income. Few of my friends informed me about the Winding Engine Operator training advertisement in the newspaper.

I along with my friend submitted the application, passed the initial screening and got admission in WEO training program. I received initial four months training at Dariba Mines Centre and was later sent to the Zawar Mines centre, where WEO theoretical and practical sessions were held. I really enjoy working in underground mines.

During campus placement drive, I was selected to work at the Dariba mines. As I gained new skills, currently I am working as Winding Engine Operator at Gross Match Engineers Pvt Ltd, Agucha Mines, with a monthly salary of Rs. 40,000.

I am overjoyed and grateful to the organisers for their assistance. My family is also extremely pleased with my position and income. Similar training provisions should be provided to unemployed youths in the future.





NAME: Pritam Singh
SCMS TC: Zawar Mines
DISTRICT: Udaipur
STATE: Rajasthan



I completed my ITI in mechanical trade. I had a private job with salary of Rs. 10,000 which insufficient was insufficient to support my large family. I came to know about skill development training by Skill Council for Mining Sector in collaboration with Hindustan Zinc Ltd. through newspaper advertisement and got myself enrolled in 2017.

Trainers were highly qualified and possessed operational expertise. I greatly admired the trainers' attitude and instructional style.

Post training, I was offered job in Jumbo Drill Operator related post at CV and Zawar mines. As an assistant Jumbo Drill Operator at Zawar mines, I am currently earning Rs. 35,000 per month and contributes to my family's finances. I am extremely happy with the training program and my placement. I got married during the training and happy to bear all marriage related expenses myself.

I dedicate my success to organizers of training program and trainers. I believe that additional training program like this should be arranged for students and unemployed youth to equip them with the desired skills for better career prospects.



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- Chhattisgarh State Skill Development Authority (CSSDA) for assessments in the state of Chhattisgarh
- Skill Council for Mining Sector (SCMS) for PAN India assessments
- Healthcare Sector Skill Council (HSSC) for PAN India assessments
- Power Sector Skill Council (PSSC) for PAN India assessments
- Retailers Association's Skill Council of India (RASCI) for PAN India assessments
- Management & Entrepreneurship and Professional Skills Council (MEPSC) for PAN India assessments
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- ▲ Mining Mate
- ▲ Grader Operator
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For more information about Scheme/Courses contact:

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