

Expansion of Technical Services to MSME

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Importance of Manufacturing

Manufacturing requires not only one time capital investment in machines and equipment but invariably in other things on occasions including tools, trained personnel and upgradation of technologies, processes and products in various sectors. Tool is an item or implement used for a specific purpose. A tool can be a physical object such as mechanical tools including saws and hammers or a technical object such as a web authoring tool or software program. "Creativity is the tool which allows a child's mind to grow." Tooling, also known as machine tooling, is the process of acquiring the manufacturing components and machines needed for production. The common categories of machine tooling include fixtures, jigs, gauges, moulds, dies, cutting equipment and patterns.

Technology Centres (TCs) for MSMEs

Micro, Small and Medium Enterprises (MSME) are not exception to the above in general but in specific requires more attention on such requirements and skills in implementation because of various constraints of economies of scale and marketing. In this context there are options with the entrepreneurs either to go for varied requirements of their enterprises themselves which is not feasible and economical or to search for other avenues like big enterprises, consortiums having such facilities and so on. Ministry of MSME, Office of the Development Commissioner (MSME) Government of in recognition of requirements of MSMEs and in its endeavour to provide the right stimulus for the growth of the industry in the country – particularly with the objective of helping the micro, small and medium enterprises recognition of their requirements established eighteen Technology Centres(TCs) (Earlier known as Tool Room & Technical Institutions) spread across the country and is going to establish 15 more new Technology Centres (TCs) apart from upgrading existing TCs and opening of more Hubs/Extension Centres across the country.

These TCs are concentrating on an integrated development of the related segments of industries by way of providing quality

tools, trained personnel and consultancy in tooling and related areas and upgradation of technologies, processes and products in the specific product groups like Foundry & Forging, Electronics, Electrical Measuring Instruments, Process Control Instruments Fragrance & Flavour, Glass, Sport Goods, and footwear designing to support related sectors.

Ministry of MSME has supported these centres by keeping them relevant and abreast with latest advancements in the respective field and has periodically added new technology such as CAD/CAM, CNC machining for tooling, vacuum heat treatment, rapid prototyping etc.

Training as an integral activity

These Centres are conducting various skill development training programmes based on the provision of well structured, modular, hands on practically oriented training for the educated youth and technicians of industries. All courses are regularly updated to keep abreast with global technological advancements. The intake eligibility for the training programmes range from school dropout to M-Tech level. Various levels of courses, viz., certificate, diploma, advanced diploma, post diploma, post graduate diploma and post graduate courses offered by Tool Rooms and Technology Development Centres are well accepted by the industry in India and abroad for employment purposes.

Ministry has taken initiative to align training courses being conducted by MSME Technology Centres as per the directions of Government. Accordingly, 76 courses have been compliant with National Skill Qualification Frame work (NSQF), Ministry of Skill Development & Entrepreneurship.

Certification

All the Technology Centres adhere to the principles of Total Quality Management (TQM). They are ISO 9001 certified institutions and a few of them are ISO-14000, (Environmental), OHSAS-18000, ISO-29990 (Vocational Training) and ISO-50001(Energy efficiency) certified. Central Tool Room & Training Centre, Bhubaneswar is also AS-9100 certified for

Aero-space Component Supply.

New Technology Centres

Ministry of MSME is implementing Technology' Centre Systems Programme (TCSP) to expand and upgrade the network of Technology Centres in the country, at an estimated Projected Cost of Rs. 2200 Crores including World Bank Loan assistance of USD 200Mn to establish 15 new Technology Centres (TCs) and upgrade existing TCs across the country.

TCSP has been conceptualized to create an innovative eco-system with distinct components which will engage with each other to create value for the Industry specially MSMEs:

- Establishment of Physical Infrastructure: This includes Establishment of 15 New Technology Centers and upgradation/ modernization of existing Technology Centers under TCSP.
- Engaging the services of world class Technology Cluster Manager (TCM) to help enhance the technical capabilities of sector specific TCs, thereby helping them in supporting MSMEs and to establish linkages amongst key stakeholders including MSMEs, academia, large industry players (OEMs), applied research institutions and the Technology Centers in each cluster for enhanced competitiveness of MSMEs of the cluster.
- The implementation of the programme commenced from January

15, 2015.

- The works for construction of 13 out of 15 approved Technology Centres under TCSP at Rohtak, Bhiwadi, Baddi, Bengaluru, Durg, Puducherry, Vishakhapatnam, Sitarganj, Bhopal, Kanpur, Imphal, Ernakulam and Greater Noida are in advanced stage and Patna & Sriperumbudur (Chennai) are under approval. Out of these, New Technology Centre, Bhiwadi, Bhopal and Pudi are ready for operations/ Inauguration.
- It is expected that after completion of the project, the training capacity of the network of the TCs will be enhanced from present 1.5 lakh to 2.5 lakh per annum. The new TCs will also provide consultancy, incubation, tolling support and other production related services. The project will provide an eco-system for the growth and development of MSMEs all across the country. The setting up Fragrance and Flavour Centre in Imphal will enhance the income of farmers by creating an eco-system of values added products from agriculture produce.

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I am happy to note that, the Institute of Directors, a pioneer institute for professional development of corporate India, has taken the initiative for hosting capacity building programmes for MSMEs in India

RAM MOHAN MISHRA, IAS
Additional Secretary & Development Commissioner
Ministry of MSME, Govt. of India.

IOD's MSME division envisions providing a holistic platform to facilitate growth and competitiveness of the MSME sector. It aims to become a pioneering body for the professional development of the MSME sector, especially the thriving start-up enterprises.

At IOD, we appreciate the diversity and the challenges that MSME's bring and we aim to address them through a portfolio of activities spanning from training to specialized award system.

IOD's overarching position to create synergy among various facts of the MSME sector will effectively promote the following:

- Networking and Interactions at conferences, seminars and workshops
- Research and documentation on MSME Practices
- Conduct training programmes in MSME clusters
- Certificates awarded to appreciate professional competence



Certificate of Participation

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MSME

NEWS FLASH

MSMEs will contribute to 50% of India's GDP in the next 5 years

Mr. Nitin Gadkari, Hon'ble Union Minister will be taking active steps to increase the contribution of the sector up to 50% in the Indian GDP in the coming 5 years. Currently, the MSME sector contributes 29% of the country's GDP and 40% of its export.

While talking about scaling the scope of the sector, the MSME minister said, "Agriculture and the rural industry will be given special attention. The MSME sector has created 11 crore jobs in the past, the aim is to create 5 crore more jobs by 2020"

There are initiatives put in place to uplift and nurture new start-up enterprises in order to urge their entry into the market. The government will soon launch 'Bharat Craft'. An e-commerce portal that will be dedicated to MSMEs that will help them increase their reach, 'Bharat Craft' is estimated to have a turnover of approximately Rs 10 lakh crore in the next 2 years helping the MSME sector to scale. Through this program, the government envisions the growth of the MSME sector in the country.

Govt. approves changes in Interest Subvention Scheme to boost MSME output

Mr. Nitin Gadkari, Hon'ble Union Minister recently approved changes in the Interest Subvention Scheme guidelines for micro, small and medium enterprises, and said the modifications are expected to boost their productivity through access to credit at reduced cost.

The minister highlighted that the government is committed to enhancing credit to the MSME sector and the implementation of the scheme is being closely monitored to help micro, small and medium enterprises (MSMEs) get incremental credit of up to Rs 1 crore with an interest subvention of 2 per cent.

The modifications to the scheme include settlement of claims based on internal or concurrent auditor certificate and submission of statutory auditor's certificate once by June 30, 2020; and acceptance of claims in multiple lots for a given half year by eligible institutions. "The improvements are set to provide momentum giving fillip to the MSME sector," an official statement said

Kerala's MSME sector sees Investments of over Rs. 4500 Crore

Mr. E.P. Jayarajan, the state Industries Minister said that the MSME sector, often referred to as the backbone of a developing country, is looking bright in Kerala. Since the Pinarayi Vijayan-led Left Democratic Front government assumed office in 2016, as many as 52,137 MSME units of various scales and sizes have opened.

Mr. Jayarajan told that MSME sector saw an investment of more than Rs 4,500 crore and it provided over 1.80 lakh jobs. In Kerala, the MSME sector is looking bright and he looks forward for more and more investments. It is expected that non-resident Keralites, who are potential investors, to set up new units.

For encouraging new investors in the MSME sector, govt. have recently brought out a new law where up to an investment of Rs 10 crore, the investor can start their business venture by just filing an affidavit with the District Collector. They need not wait for getting the licences and clearances and this they need to get it in six months after the three year period ends. This is done to see that investors do not waste time waiting for all clearances to come to start.

Mr. Jayarajan also pointed out that they will come out with success stories of MSMEs and see that they push up the efforts for supporting the promotion and marketing of products manufactured by MSMEs.

Defence Ministry plans more Testing Facilities for MSMEs

In order to provide MSME's a level playing field in defence supplies and also expand the vendor base, the Ministry of Defence has come up with a scheme to set up 6-8 product testing centres in the defence industrial corridors. The first testing facility, likely for drones, is to come up soon, said Rear Admiral A. George, Additional Director General Quality Assurance (Warship Projects).

The government has allocated about Rs 400 crore for this scheme whereby it would provide a grant-in-aid up to 75 per cent of the cost of equipment for the product testing facility, said Mr. George.

Walmart to open 25 Institutes to train 50,000 MSME Entrepreneurs

US retail major Walmart will open 25 institute hubs in India in next five years, which would train 50,000 entrepreneurs from the Micro, Small & Medium Enterprises (MSME) sector. The institutes opened under 'Walmart Vriddhi Supplier Development Programme' would be spread across the nation and would be strategically located near the manufacturing clusters and are part of Walmart's "long-term commitment to India", Walmart International President and CEO Judith McKenna said. Walmart did not share the investment amount, to open the network of such institutes but said the move would also help to increase the local sourcing from India. India is presently fifth largest sourcing hub for Walmart's global operation in 14 markets, after China, US, Mexico and Canada. Walmart will proactively work with the central government, state governments and others to continue to identify the needs of farmers, kiranas, and MSMEs in India. Presently, Walmart India, operates 27 Best Price Modern Wholesale stores offering nearly 5,000 items in a Cash & Carry wholesale format sources 95 per cent locally.