



MICRO, SMALL AND MEDIUM ENTERPRISES DEPARTMENT

POLICY NOTE
2022 – 2023

DEMAND No. 44

T.M. ANBARASAN
Minister for Micro, Small and
Medium Enterprises

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Government of Tamil Nadu
2022



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MICRO, SMALL AND MEDIUM ENTERPRISES DEPARTMENT

Policy Note 2022-2023

1. Introduction

Micro, Small and Medium Enterprises (MSMEs) are the engines of economic growth for the nation. They contribute significantly to economic development and are second only to agriculture in generating employment. They are important contributors to making balanced regional growth possible – including in rural areas. Therefore, MSMEs reduce regional imbalance and migration from rural areas, indirectly promoting equitable distribution of wealth. Given their wide, heterogeneous nature – with considerable variability across districts, sectors, size and scale, it is imperative that MSMEs are supported in more ways than one.

With effect from 1st July, 2020, the Union Government revised the definition of MSMEs by incorporating combined criteria of investments and turnover (excluding turnover from exports). The revised definition is as follows:

Type of enterprise	Investment in Plant & Machinery not exceeding	Annual Turnover not exceeding (excluding export turnover)
Micro	Rs.1 Crore	Rs.5 Crore
Small	Rs.10 Crore	Rs.50 Crore
Medium	Rs.50 Crore	Rs.250 Crore

From 2nd July 2021 onwards, wholesale and retail traders are also included in the definition of MSMEs for the purpose of priority sector lending.

1.1 MSMEs in Tamil Nadu

Tamil Nadu has a vibrant industrial and entrepreneurial culture from the distant past and

this is reflected in the existence of handicraft industries/ cottage industries and maritime trade in the State from olden times.

As per the 73rd National Sample Survey, 2015-2016, approximately there are 49.48 lakh MSMEs in Tamil Nadu (7.8% of the country's MSMEs). More than 99% of these MSMEs in the State are micro enterprises, 0.42% are small-scale enterprises and only 0.003% are medium sized enterprises. In addition to this, over 51.25% of all MSMEs are located in rural areas. It is also estimated that the MSMEs in Tamil Nadu produce over 6,000 different products for both domestic and international markets.

Tamil Nadu has been a major player in key manufacturing sectors such as leather, engineering goods, automotive components, castings, pumps and readymade garments. MSMEs in the state are now pivoting into newer

areas such as Fin-Tech. The Services sector is also growing in the State.

1.2 Structure of the MSME Department

The organizations under the administrative control of the MSME Department and their respective roles are as follows:

1) The Commissionerate of Industries and Commerce

- a. Facilitate policy making and disburse incentives to promote policy objectives through the District Industries Centres
- b. Articulate and implement the State strategy for MSMEs
- c. Facilitate specific requirements of MSMEs – including financial needs through **Block Level Bankers’ Committee Meetings** and State

Level Bankers' Committee Meetings

- d. Facilitate the recovery of delayed payments to MSMEs under the MSMED Act, 2006
- e. Facilitate implementation of the Tamil Nadu Business Facilitation Act, 2018 and Rules, and clearance of applications received in the Single Window Portal
- f. Manage the quality of electrical equipments, cement and steel under various legislations
- g. Oversight over Industrial Co-operatives
- h. Engage with MSMEs in Tamil Nadu through a state wide network of 38 District Industries Centres across all districts

2) The Tamil Nadu Small Industries Development Corporation Limited (TANSIDCO)

- a. Establish and maintain Industrial Estates and provide industrial plots and sheds as required by MSMEs
- b. Establish and promote Industrial Clusters and Common Facility Centres

3) The Tamil Nadu Small Industries Corporation Limited (TANSI)

- a. Manufacture and supply wooden and steel furniture to State Government Departments and their organisations
- b. Provide good quality furniture to the private sector at affordable cost

4) Entrepreneurship Development and Innovation Institute – Tamil Nadu (EDII–TN)

- a. Promote entrepreneurship education and self-employment across the State
- b. Promote innovation among school and college students

5) MSME Trade and Investment Promotion Bureau (M-TIPB)

- a. Function as the single point of contact for all MSMEs
- b. Promote MSME trade in Tamil Nadu
- c. Facilitate MSME investment in the State
- d. Facilitate imports and exports of MSMEs of the State
- e. Function as the think-tank of the MSME Department

6) Tamil Nadu Start-up and Innovation Mission (TANSIM)

- a. Provide an enabling ecosystem for Startups in the State
- b. Link start-ups with mentors and provide financial support to Startups and incubators

2. COMMISSIONERATE OF INDUSTRIES AND COMMERCE

The following are functioning under the administrative control of the Commissionerate of Industries and Commerce:

- a. District Industries Centres
- b. Industrial Co-operative Institutions viz.,
 - I. Tamil Nadu Small Tea Growers Industrial Co-operative Tea Factories Federation Ltd., (INDCOSERVE)
 - II. Salem Starch and Sago Manufacturers Service Industrial Co-operative Society Ltd.(SAGOSERVE)
 - III. Tamil Nadu Industrial Co-operative Bank(TAICO BANK)
 - IV. Other Industrial Co-operative Societies.

- c. Testing Laboratories (Electrical and Chemical)
- d. Technical Training Institutions.

2.1 District Industries Centres

As a district level arm of the Commissionerate of Industries and Commerce, District Industries Centres (DICs) in the 38 districts are mandated to support the entrepreneurs in identifying viable projects, preparing project reports, obtaining various clearances and licenses, tying up financial support for their ventures through the schemes of the Government and sanctioning of incentives to MSMEs.

2.2 Udyam Registration

Udyam Registration is a Certificate of Registration for MSMEs operating in India issued

by the Ministry of Micro, Small and Medium Enterprises, Government of India. It is an entirely online, voluntary and paperless registration based on self certification.

The composite criteria of investment and annual turnover for classification of Micro, Small and Medium Enterprises (for new enterprises as well as existing enterprises) is being adhered to in Udyam Registration. MSMEs can file Udyam Registration online in the Udyam Registration portal of the Union Government vide URL: <https://udyamregistration.gov.in>

Since the introduction of Udyam Registration, during the period from 01.07.2020 to 31.03.2022 around 7,76,016 entrepreneurs have registered for Udyam Registration Certification providing employment to 69,05,226 persons. Tamil Nadu has the second

highest number of Udyam registered MSMEs in the country.

2.3 MSME Subsidy Schemes

The following incentives are being extended to Micro, Small and Medium enterprises in the State:

- ❖ Capital Subsidy
- ❖ Low Tension Power Tariff (LTPT) Subsidy
- ❖ Payroll Subsidy
- ❖ Back-ended Interest Subsidy (BEIS)
- ❖ Scheme for Promotion of Energy Audit and Conservation of Energy (PEACE)
- ❖ Scheme for Reimbursement of Charges for Quality Certification(Q-cert)
- ❖ Subsidy for Fund Raising from capital markets

- ❖ Incentive for Patent Registration/ Trade Mark Registration / Geographical Indications
- ❖ Reimbursement of Stamp Duty & Registration Charges

2.3.1 Capital Subsidy

Capital Subsidy is given to encourage investment in the MSME sector. The salient features of this scheme are as follows:

- ❖ Capital Subsidy at the rate 25% on the value of eligible plant and machinery, subject to a maximum of Rs.150 lakh
- ❖ Additional Capital Subsidy for micro enterprises: 10% on the value of eligible plant and machinery, subject to a maximum of Rs.5 lakh
- ❖ Additional Capital Subsidy for enterprises set up by Women / Scheduled Caste / Scheduled Tribe /

Differently Abled and Transgender entrepreneurs: 5% on the value of eligible plant and machinery, subject to a maximum of Rs.5 lakh

- ❖ Additional Capital Subsidy for promotion of clean and environment friendly technologies: 25% on the value of eligible plant and machinery subject to a maximum of Rs.10 lakh
- ❖ Additional Capital Subsidy for Scaling Up: All existing Micro and Small Manufacturing Enterprises set up anywhere in Tamil Nadu graduating to higher category by undertaking expansion /diversification are eligible for 5% additional Capital Subsidy subject to a maximum of Rs.25 lakh for scaling up

Eligibility Criteria

The following enterprises are eligible for Capital Subsidy:

- ❖ All new Micro manufacturing enterprises established anywhere in the State.
- ❖ All new Small and Medium enterprises under the following 24 thrust sectors established anywhere in the State:
 1. Electrical and Electronic Industries
 2. Leather and leather goods
 3. Auto parts and components
 4. Drugs, Pharmaceuticals and Nutraceuticals
 5. Solar energy equipment
 6. Gold and Diamond jewellery for exports
 7. Pollution control equipments
 8. Sports goods and accessories

9. Cost effective building material
10. Readymade garments
11. Food processing
12. Plastic (except single use plastics)
13. Rubber products
14. Alternate products to single use plastics
15. Electric Vehicle Components, Charging Infrastructure and Components
16. Medical Devices, Equipment and Components
17. Technical Textiles and Medical Textiles
18. Aero Space, Defence Applications and Components
19. Electronic System Design and Manufacturing
20. Bio Technology
21. Petro Chemicals and Speciality Chemicals

22. Industry 4.0

23. Electronic Waste Processing

24. Traditional Industries

- All new Small and Medium manufacturing enterprises established in any of the 254 industrially backward blocks in the State
- All new agro based Small and Medium manufacturing enterprises established in any of the 388 blocks in the State
- All existing Micro, Small and Medium manufacturing enterprises of the above category which have taken up substantial expansion / diversification of their existing activities

During the year 2021-22, Capital subsidy of Rs.360 crore have been disbursed to 3,545 MSMEs.

2.3.2 Low Tension Power Tariff (LTPT) Subsidy

Low Tension Power Tariff Subsidy is given at the rate of 20% on the consumption charges paid by the unit for 36 months from the date of commencement of production or from the date of obtaining power connection, whichever is later.

Eligibility Criteria

All new Micro manufacturing enterprises and existing Micro enterprises going for expansion & diversification using Low Tension Power Supply, established anywhere in the State are eligible to avail LTPT subsidy.

During the year 2021-22, Low Tension Power Tariff (LTPT) Subsidy of Rs.8.59 crore have been disbursed to 1,042 MSMEs.

2.3.3 Payroll Subsidy

To encourage formal employment in the MSME sector, employment intensive subsidy in the form of payroll subsidy equivalent to employer's contribution to the EPF subject to a maximum of Rs.24,000/- per employee per annum is reimbursed for the first three years, to enterprises providing employment to more than 20 persons.

Eligibility Criteria

- ❖ All new Micro Manufacturing Enterprises set up anywhere in Tamil Nadu
- ❖ All new Small and Medium Manufacturing Enterprises set up in backward areas and industrial estates excluding the industrial estates located within the radius of 50 km from Chennai city centre
- ❖ All Small and Medium Agro-based and

Food Processing Enterprises set up in any of the 388 blocks in the State

During the year 2021-22, a sum of Rs.3.46 lakh have been disbursed to seven MSMEs.

2.3.4 Back-ended Interest Subsidy (BEIS)

To support Micro and Small Enterprises to undertake Technology Up-gradation / Modernisation to enhance their competitiveness, Back-Ended Interest Subsidy at the rate of 5% on term loan availed up to Rs.5 crore, subject to a maximum of Rs.25 lakh per enterprise is given for a period of 5 years.

Similarly, to encourage collateral free lending under CGTMSE scheme, a back-ended interest subsidy of 5% on term loans availed up to Rs.2 crore, for Micro and Small Enterprises, subject to a maximum of Rs.20 lakh per enterprise, is given for a period of 5 years.

During the year 2021-22, Back-ended Interest Subsidy of Rs.2.39 crore have been disbursed to 809 Micro and Small enterprises.

2.3.5 Scheme for Promotion of Energy Audit and Conservation of Energy (PEACE)

The Scheme for Promotion of Energy Audit and Conservation of Energy (PEACE) aims to promote energy efficiency in MSME manufacturing units so as to enable them to reduce costs and improve competitiveness in the global markets. Under this scheme, the Government reimburses 75% of the cost of conducting energy audit subject to a ceiling of Rs.1 lakh per energy audit per unit. Further, as an incentive for implementing the recommendations of the energy audit, 50% of the cost of machinery and equipments replaced, retrofitting and technology acquired for the purpose of improving the energy efficiency

subject to a maximum of Rs.10 lakh is reimbursed.

During the year 2021-22, a sum of Rs.3.02 crore have been disbursed to 358 MSMEs.

2.3.6 Scheme for Reimbursement of Charges for Quality Certification (Q-Cert)

Quality Certification improves product quality, business efficiency, builds credibility internationally, and also enhances marketability of products. Considering the importance of quality certifications and to encourage MSMEs in the State, the Q-Cert scheme is introduced which gives support to MSMEs to acquire quality standards/certifications for process as well as product viz., ISO 9000/ISO 9001/ISO 14001/Hazard Analysis and Critical Control Point (HACCP), ISO 22000 Good Hygienic Practices (GHP) / Good Manufacturing Practices (GMP)

Certifications, Bureau of Indian Standards (BIS) Certification, Zero Defect Zero Effect (ZED) certification or any other international quality certification recognized in India by a competent authority.

Under this scheme, the Government reimburses 100% of payments made to the consultancy and certification agencies towards acquiring such Quality Certifications subject to a ceiling of Rs.2 lakh for National Certification & Rs.10 lakh for International Certifications.

During the year 2021-22, a sum of Rs.1.50 crore have been disbursed to 173 MSMEs towards acquiring Quality Certifications.

2.3.7 Subsidy for Fund Raising from Capital Markets

Access to credit from banks and financial institutions is a critical issue for MSMEs due to the high cost of credit, collateral requirements,

and non-availability of timely credit. As a measure to facilitate high growth potential SMEs in the State and to raise equity capital through SME Exchange utilizing IPOs in both the manufacturing and services sector, Government is reimbursing 50% of the expenditure incurred for listing, subject to a maximum of Rs. 30 lakh towards assistance for listing & raising money in the SME stock exchanges.

During the year 2021-22, a sum of Rs.14.16 lakh have been disbursed to one SME.

2.3.8 Incentive for Patent Registration/ Trade Mark Registration / Geographical Indications

A patent / trademark establishes ownership over the product / brand, name or logo and protects them from any unauthorized third party use. To encourage MSMEs to obtain patent / trademark registration, the Government reimburses 75% on the cost of filing of the

application for Patent Registration subject to a maximum of Rs.3 lakh per Patent registered and 50% subsidy on the cost of filing application for Trade Mark or Geographical Indications registration subject to a maximum of Rs.25,000/- per Trade Mark and Geographical Indications registered.

Eligibility Criteria

All new and existing MSMEs (individuals, institutions and startups) located anywhere in Tamil Nadu are eligible to avail this incentive.

During the year 2021-22, a sum of Rs.4.16 lakh have been disbursed to 43 MSMEs towards Patent and Trade Mark registration.

2.3.9 Reimbursement of Stamp Duty & Registration Charges

To encourage and ensure balanced growth, all new Micro and Small Enterprises (MSE) set up

in backward blocks are eligible to avail 50% reimbursement of stamp duty and Registration charges paid to the Registration Department on purchase of land meant for industrial use.

During the year 2021-22, a sum of Rs.12.82 lakh have been reimbursed to 28 MSEs.

2.4 Self Employment Schemes

2.4.1 Unemployed Youth Employment Generation Programme (UYEGP)

To address the issue of unemployment among the marginalized sections of the society, the Government of Tamil Nadu is implementing the Unemployed Youth Employment Generation Programme (UYEGP) since 2010-11. Educated unemployed youth are guided to start their new ventures with project outlay of up to Rs.15 lakh for manufacturing activities and up to Rs.5 lakh for services and business activities through

credit assistance from financial institutions. The beneficiary has to contribute 10% of the project **outlay in General Category as promoter's** contribution. This is reduced to 5% in case of beneficiaries from Special Categories SC / ST / BC / MBC / Minorities / Women / Ex-servicemen / Differently Abled). Subsidy assistance at the rate of 25% of the project cost (maximum Rs.2.50 lakh) is provided by the Government.

Any individual above 18 years with a minimum educational qualification of pass in VIIIth standard is eligible to apply under this scheme. The upper age limit for the General Category is 35 years, and 45 years for Special Categories. Applications for this scheme can be filed online.

During the year 2021-22, an amount of Rs.40.91 crore was disbursed as subsidy to 4,151 beneficiaries.

2.4.2 Prime Minister's Employment Generation Programme (PMEGP)

Under the Prime Minister's Employment Generation Programme (PMEGP) of the Union Government, loan assistance up to Rs.25 lakh for manufacturing activities and up to Rs.10 lakh for service activities is being provided through banks.

Beneficiary contribution is 10% of the project cost for General Category and 5% of the project cost for Special Category (SC / ST / OBC / Minorities / Women/ Ex-servicemen / Differently Abled persons) The Union Government provides subsidies at the rate of the project cost as below:

Categories of beneficiaries under PMEGP	Rate of Subsidy	
	Urban	Rural
General Category	15%	25%
Special Category (including SC/ST/OBC/ Minorities/Women, Ex-Servicemen, Differently Abled persons)	25%	35%

The balance amount of the total project cost will be provided as a term loan by financial institutions. Applications for this scheme can be filed online.

During the year 2021-22, an amount of Rs. **76.46** crore was disbursed to **3,053** beneficiaries as margin money assistance.

2.4.3 New Entrepreneur cum Enterprise Development Scheme (NEEDS)

New Entrepreneur cum Enterprise Development Scheme (NEEDS) is a scheme specifically formulated to guide and support educated youth in becoming first generation entrepreneurs and is a state funded scheme. The beneficiaries should be in the age group of above 21 years and below 35 years for General Category and above 21 years and below 45 years for Special Categories (SC / ST / BC / MBC / Minorities / Transgenders / Differently Abled and Women). Earlier, a minimum educational qualification of a Degree/ Diploma / ITI / Vocational training from any recognised institutions was required. Recently, the Government relaxed the minimum qualification to HSC pass during the year 2021-22.

As per reservation policy in force, 19% is reserved for SC/STs.

A target of 50% is assigned to women with priority to destitute women. Selected candidates are given Entrepreneurship Development Programme training for 15 days by the Entrepreneurship Development and Innovation Institute (EDII). Arrangements have been made to impart this training online. Necessary hand-holding will be done to assist the beneficiaries to get financial assistance from the banks like Tamil Nadu Industrial Investment Corporation Limited (TIIC) and to get allotment of plots/sheds in the Industrial Estates of Tamil Nadu Small Industries Development Corporation Limited (TANSIDCO) on preferential basis.

Individual based Capital Subsidy at the rate of 25% of the project cost (not exceeding Rs.75 lakh), is being given along with 3% interest subvention on term loan throughout the entire repayment period by the Government. Additional capital subsidy at 10% of the project

cost for beneficiaries of SC/ST/Differently Abled has been notified by the Government from the year 2021-22. The minimum project cost is above Rs.10 lakh and the maximum project cost **is up to Rs.5 crore. Promoter's contribution is** 10% of the project cost for the General Category and 5% for the Special Category beneficiaries.

During the year 2021-22, 929 final sanctions were given with an individual based subsidy component of Rs.148.57 crore. Rs.86.88 crore towards individual based subsidy and Rs.10.36 crore towards interest subvention have been disbursed to eligible beneficiaries during the period up to 31.03.2022. The Budget allocation for the current year is Rs.100 crore.

2.5 Single Window Clearance System for MSMEs

To ease the formalities in starting and running enterprises in the State and to create an investor friendly climate for both domestic

and global business communities, the Government of Tamil Nadu has enacted the Tamil Nadu Business Facilitation Act and Rules. These legislations, through a Single Window Portal provide for a single point of receipt for all applications for securing approvals, clearances, licenses and renewals from the Government that are required to establish or expand an enterprise and for clearances required during normal course of a business including license renewals. It ensures the processing of these applications in a time bound manner. An online grievance redressal mechanism is also in place for speedy redressal of grievances and the Act provides for imposition of fines on designated officials in case of failure to perform their duties.

The Single Window Portal acts as a single point of acceptance for applications for over 190 services which are then transferred to the

concerned Competent Authority/Government Departments for appropriate action. The objective is to make the entire G2B faceless, paperless and contactless. Through the portal, as on 31.03.2022, out of 6,838 applications received, 5,512 applications have been disposed off.

2.6 MSME Skill Training & Employment Scheme

This scheme aims to provide skilled human resources required by the new and existing Micro, Small and Medium Enterprises to create employment opportunities to the unemployed youth.

Under this scheme, the unemployed youth are being given on the job training for a maximum period of six months in Micro, Small and Medium Enterprises. During the training period, the MSME will give a stipend of Rs.5,000/- per month to the trainees. After

completion of the training, the Government will reimburse Rs.2,000/- per month per trainee as Government subsidy to the MSME units subject to maximum of Rs.12,000/- per trainee.

During the year 2021-22, 14,639 candidates have been enrolled and are undergoing training in 276 Micro, Small & Medium Enterprises.

2.7 Marketing Support

The following marketing support is extended by Government to Micro and Small manufacturing enterprises.

- Granting 50% of Marketing Assistance in lieu of hall rent as subsidy on reimbursement basis, to the MSME Associations conducting/ participating in Domestic Trade Fairs/ Exhibitions/ International Trade Fairs

- Purchase preference up to 25% of the total requirement in procurement done by the Government Departments and State Public Sector Undertakings for the domestic MSEs

2.8 Micro and Small Enterprises Facilitation Councils (MSEFC)

To address and mitigate the problems due to delayed payments to Micro and Small Enterprises on goods supplied to major industrial undertakings, the Government has constituted four regional Micro and Small Enterprises Facilitation Councils at Chennai, Tiruchirappalli, Madurai, and Coimbatore as per the provisions of the MSMED Act 2006.

In the year 2020-21, 40 MSEFC sittings were conducted and delayed payment amount of Rs.12.02 Crore was realised by 123 Micro and Small Enterprises. During the year 2021-22, 54 MSEFC sittings were conducted and delayed

payment amount of Rs.42.62 Crore was realised by 175 Micro and Small Enterprises.

2.9 Implementation of Quality Control Orders 1981, 1997 & 2003

To ascertain the quality and safety of electrical products used in the domestic sector, Quality Control Orders have been promulgated to ensure that certain electrical products listed in the schedule conform to specified standards. Household Electrical Appliances (Quality Control) Order 1981, Oil Pressure Stoves (Quality Control) Order 1997 and Electrical Wires, Cables, Appliances and Protection Devices and Accessories (Quality Control) Order 2003 are being implemented by the General Managers of the District Industries Centres /Regional Joint **Director, Chennai as "Appropriate Authority"** who are also engaged in creating awareness among the consumers to use quality electrical products.

2.10 Awards for Entrepreneurs and Banks

To recognise the best performing entrepreneurs in the State and best performing banks who have extended loans to MSMEs, the following Awards are given by the Government of Tamil Nadu:

- 1. Hon'ble Chief Minister's Award to the top three banks extending loans to MSMEs in the state.**
- 2. State Level Best Entrepreneur Award.**
- 3. State Level Best Entrepreneur Award for Agro Based Industries.**
- 4. State Level Best Entrepreneur Award for Quality and Export.**
- 5. State Level Best Entrepreneur Award for Best Women Entrepreneur**
- 6. District Level Award for Best Entrepreneur.**

2.11 Industrial Co-operative Societies

The main objective of establishing Industrial Co-operative Societies is to provide continuous and gainful employment to rural artisans and workers involved in various trades like handicrafts, coir, brick making, printing, tailoring, tea and tapioca cultivation etc. Industrial Co-operative Societies occupy a key position in developing small and cottage industries in the State by generating rural employment and safeguarding the interests of their members. They also ensure to provide remunerative prices to growers like small tea growers and tapioca cultivators. These societies help in getting orders for the micro and small units and also provide developed plots and constructed sheds along with infrastructural facilities to the entrepreneurs through the Co-operative Industrial Estates.

To provide adequate financial linkages to this sector, TAICO Bank was formed as an exclusive financial institution to lend from its own source to the Co-operative societies. Apart from the various Industrial Co-operative Societies engaging in trade and industrial activities, there are also specialized societies like **the Irula Snake Catchers' Industrial Co-operatives Society** comprising members of the Irula tribal community who extract venom from snakes using traditional methods, and the Chennai Industrial Co-operative Analytical Laboratory (MICAL) which provides testing facilities to various pharmaceutical units.

Five Industrial Co-operative Societies have been given training by Flipkart under Samarth Programme for listing and marketing their products on the e-commerce platform. These societies and their products are Natchiyarkoil **Bell Metal Workers' Service Industrial Co-**

operative Society (kuthuvillaku), SAGOSERVE (sago), TANCOFED (coir products), Kanyakumari District Central Coir Marketing ICS Ltd., (coir mats) and Dindigul Lock Workers and Hardware Furniture ICS Ltd (locks).

There are 300 Industrial Co-operative Societies under the Department, of which 228 societies are earning profit. The Industrial Co-operative Societies achieved a sales turnover of Rs.11,196.64 crore during the year 2021-22. An amount of Rs. 242.95 crore have been disbursed as wages to the 10,040 workers of all the Societies during the year 2021-22.

2.11.1 INDCOSERVE

The Tamil Nadu Small Tea Growers Industrial Co-operative Tea Factories Federation popularly known as INDCOSERVE was established in 1965 at Coonoor, Nilgiris district. It is comprised of 16 Industrial Co-operative Tea

Factories (ICTFs) with more than 25,000 grower-members thereby making it the largest tea Co-operative in the country. INDCOSERVE was established to provide its member factories spares and equipment, packing materials required for their day to day production activity and to provide warehousing facility for the made teas meant for auction.

The Tea Factories procured 5.44 crore kgs of green tea leaves from their members and produced 1.40 crore kgs. of tea and made sales to the tune of Rs.132.86 crore during the year 2021-22. On average, green leaf rate at Rs.14.80 per kg is paid by the ICTFs to their grower - members. INDCOSERVE owns warehouses at Coonoor, Thudiyalur and Cochin (Kerala), providing warehousing facilities to the tea produced by the ICTFs and TANTEA and earned an income of Rs.1.21 crore from the warehousing facilities. During the year 2021-22,

INDCOSERVE has supplied 1,930 MT to PDS shops across Tamil Nadu, thereby earning an income of Rs.38.10 crore per year.

All 16 ICTFs taken together sustained a loss of Rs.18.43 crore during the year 2021-22 and cumulative loss of Rs.79.58 crore over the years. INDCOSERVE also supplied 4,196 MT of Ooty tea in the special COVID-19 relief hampers of Government of Tamil Nadu at a value of Rs.83.92 crore during the year 2021-22.

Carbon Neutral Tea Manufacture, INDCO Tea Vandi and INDCO Tea House

As an initiative towards eco-friendly clean energy, INDCOSERVE has proposed to produce Carbon Neutral Tea, for which Rs.2.36 crore have been sanctioned under SADP and tender has been floated for the installation of 250KWA Grid connected Roof Top Solar Power Plant at Kaikatty INDCO Tea factory.

To popularize and market INDCO Tea, INDCOSERVE has introduced 20 INDCO tea vandis, for which Rs.3.09 crore have been sanctioned under SADP. The scheme was launched on 15.12.2021. These mobile Tea Vandis not only sell locally produced teas on wheels, but also freshly prepared food and local snacks like millet murukku and honey and amla, thereby providing employment and livelihood opportunities to tribal communities in the Nilgiris district.

INDCOSERVE has also launched INDCO tea houses which are cafeterias serving INDCO teas and snacks to the public. Presently there are three INDCO tea houses functioning in the Nilgiris and Theni districts.

Modernization of INDCO Tea Factories

Modernization of 15 ICTFs is currently underway in two phases. In the 1st phase, 5

Industrial Co-operative Tea factories namely Kundah, Manjoor, Pandalur, Kaikatty and Salisbury are to be modernized at a total project cost of Rs.17.68 crore with financial assistance from NABARD. The entire amount has been released and the works are in progress.

Likewise, the remaining 10 Industrial Co-operative Tea factories namely Karumbalam, Mercunaud, Mahalinga, Ithalar, Kattabettu, Frontier, Kinnakkorai, Bikkatty, Ebbanad and Bitherkad Indco Tea Factories are to be modernized at a total project cost of Rs.50.06 crore with financial assistance from NABARD. 30% of the amount has been released and the modernization work is scheduled to commence soon.

2.11.2 Tea Manufacturers' Service Industrial Co-operative Societies Ltd., (TEASERVE)

The Tea Manufacturers Service Industrial Co-operative Society called TEASERVE is the first electronic tea auction centre established in the country at Coonoor. It was registered in 2002 and commenced operation in 2003. Its members include all the Industrial Co-operative Tea Factories (ICTFs), Private Bought Leaf Factories, Estate Tea Factories and TANTEA. The main objective of TEASERVE is to provide transparency in the sale of tea by means of electronic auction and elimination of middlemen, thereby ensuring better prices to tea manufacturers.

TEASERVE has effected auction sale of 4,920 MTs of Made Tea to the value of Rs.42.41 crore and earned a net profit of

Rs.22.81 lakh (provisional) during the year 2021-22.

2.11.3 SAGOSERVE

Sago and Starch are the two main products processed from tapioca. The Salem Starch and Sago Manufacturers Service Industrial Co-operative Society known as **"SAGOSERVE"** was established in 1981 at Salem with the objective of helping Sago and Starch manufacturers in tapioca growing districts by directly marketing their products and eliminating middlemen, thereby ensuring fair and remunerative prices for members. Besides marketing the products of its members, SAGOSERVE also facilitates financial assistance and extends warehousing facilities to them.

In order to improve its testing facility, SAGOSERVE has set up a testing laboratory as a Common Facility Centre in the name of

Sago and Starch Industry Cluster under Micro and Small Enterprises Cluster Development Programme (MSE-CDP) of Government of India. Further, in order to widen the growth opportunity and access to the global market and also to conduct auctions in a transparent manner, SAGOSERVE has set up a fully computerized e-Auction facility to ensure transparency in the sale of Sago and Starch.

A Direct Sales Point at SAGOSERVE premises built with an extent of 1,000 sq.ft. at a cost of Rs.33.60 lakh has been constructed to promote marketing of Sago products and to disseminate knowledge on sago products. This Direct sales point along with a new e-Auction Hall constructed with an extent of 4,011 sq.ft at a cost of Rs.1.26 crore in SAGOSERVE premises were inaugurated on 29.09.2021. SAGOSERVE is also developing a software at a cost of Rs.30 lakh to achieve better

performance of day to day business activities in the society. The new software process will help in reduction of manpower requirements.

In an effort to prevent adulteration of sago, Committees under the chairmanship of the District Collectors have been formed in 7 districts in which tapioca is cultivated as a major commercial crop. During the year 2021-22, SAGOSERVE registered a sales turnover of Rs.551.10 crore and earned a net profit of Rs.5.33 crore (provisional).

2.11.4 Tamil Nadu Industrial Co-operative Bank Ltd. (TAICO BANK)

The Tamil Nadu Industrial Co-operative Bank popularly known as TAICO Bank was established in 1961. The original objective of the Bank was to provide financial assistance to Industrial Co-operative Societies in the state. The Bank now extends all types of loans to individuals, entrepreneurs under MSME sector,

and government employees thereby expanding its banking operations. In addition to this, it also accepts deposits from the public and operates current accounts as well as savings accounts for them.

The Bank now functions with 47 branches all over Tamil Nadu. All the branches have migrated to Core Banking Solution. RTGS – NEFT facilities were also introduced. Mobile Banking service has also been implemented. Further, TAICO Bank mobilized deposits to the tune of Rs.1,138.70 crore, extended loans and advances to the tune of Rs.579.33 crore, and earned a net profit of Rs.12.37 crore (provisional) in the year 2021-22. The percentage of gross Non Performing Assets of the bank is 8%. Since its inception, TAICO Bank received financial assistance from NABARD only through TNSC Bank. For the first time, NABARD is now sanctioning financial

assistance to TAICO Bank as direct refinance assistance for financing Industrial Co-operatives and MSMEs in the state.

To keep pace with modern banking systems and the needs of its customers, repurposing of TAICO Bank is currently under process which include organizational restructuring of the Bank and supporting the development of IT platform for implementation of an electronic system - TReDS (Trade Receivables Discounting System) for bill discounting which will benefit the MSMEs to a large extent. A Memorandum of Understanding (MoU) has been signed between the Tamil Nadu Industrial Investment Corporation (TIIC) and TAICO Bank to provide working capital loans to small and medium enterprises.

Modernization of TAICO Bank branches in Vyasarpadi, Egmore, Neyveli and Chepauk is

currently in process. Karatometers have been purchased and installed at 6 branches of TAICO Bank to ascertain the purity of jewellery received from the bank customers.

2.11.5 Coir Industrial Co-operative Societies

Coir presents a viable eco friendly alternative to many synthetic products in the market. Since the development of coir sector contributes towards the sustainable development agenda in terms of creation of environment friendly products, its application for domestic use along with usage in housing, building, agriculture, horticulture, and infrastructure production is significant.

As people across the world are becoming more conscious of the need to shift to eco friendly and environmentally sustainable products that cause less harm to the environment, now is an opportune time to

promote and popularize the case of coir as an alternative to synthetic furnishings and building materials. It is therefore extremely important to promote the cause of coir by identifying the thrust areas involving a quantum jump in coir sector development. The Department has undertaken a detailed study of the coir sector in the State and efforts are being made to promote coir geo-textiles for use across various Departments.

The coir industry in Tamil Nadu provides gainful employment to people in rural areas. Coir societies are mainly engaged in activities like fibre extraction, coir spinning, and production of coir mats and rubberised coir mattresses. At present, 64 Coir Industrial Co-operative societies are functioning in the State providing employment to more than 11,336 members/workers, 80% of whom are women. In order to market their products, an apex

Co-operative society, namely the Tamil Nadu State Coir Co-operative Marketing Federation (TANCOFED) is functioning with its headquarters at Chennai.

These Coir societies sold coir products to the value of Rs.27.88 crore, provided employment to thousands of workers and distributed a sum of Rs.3.22 crore as wages in the year 2021-22.

2.11.6 Coir Clusters

In order to develop value added products with export orientation in the coir sector in the State, Government of India under SFURTI scheme in Tamil Nadu accorded approval for 9 coir clusters at a cost of Rs.37.79 crore. All coir clusters are in operation.

The Government of Tamil Nadu has also approved the formation of three coir clusters namely 1) Cocobi Producer Company Ltd,

Coimbatore 2) Noyyal Coir Cluster, Erode
3) Budalur Coir Producer Company Ltd.,
**Thanjavur under the “Scheme for Developing
Coir Clusters in Tamil Nadu” at an approved cost
of Rs.21.55 crore and all these cluster have
been inaugurated and are in operation.**

2.11.7 Tamil Nadu Coir Business Development Corporation

Tamil Nadu Coir Business Development Corporation will be set up in Coimbatore for developing the coir sector to popularize value added coir products made in Tamil Nadu like Geo Textiles and coir pith in the domestic and export markets and also to develop coir industry across the State. A sum of Rs.5 crore has been allocated as seed capital in first phase for the above Corporation.

2.11.8 The Chennai Industrial Co-operative Analytical Laboratory Ltd., (MICAL), Chennai

The Chennai Industrial Co-operative Analytical Laboratory Ltd., (MICAL) was formed with the object of undertaking analysis and testing of raw materials and finished products used / manufactured by the pharmaceutical manufacturers of Allopathy, Ayurvedic, Siddha and Unani medicines and to certify as to whether they conform to the prescribed standards. Having its headquarters at Chennai, the society also has an ISO Certified branch at Coonoor. MICAL has earned service charges of Rs.30.12 lakh in the year 2021-22 and net profit of Rs.1.67 lakh. It is under modernization process to get NABL accreditation.

2.11.9 The Irula Snake Catchers' Industrial Co-operative Society

The Irula Snake Catchers' Industrial Co-operative Society was formed in 1979

comprising 345 members of the Irula tribal community. Since its formation, the society has revolutionized the treatment of snake bites in the country by ensuring adequate supply of anti-venom to hospitals, pharmaceutical labs and research institutes across the state and country. The snake catching and venom extraction skills of the members are passed down from generation to generation within the community, and the society has ensured not only the preservation of these traditional skills, but also the protection of the Irulas' livelihood and income. The society sold venom worth Rs.1.33 crore and earned a net profit of Rs.43 lakh in the year 2021-22.

2.11.10 Printing Service Industrial Co-operative Societies

Printing Service Industrial Co-operative Societies were formed to help small printing press owners in marketing and also to provide

employment to the workers engaged in the printing industry. These societies obtain printing orders from Government, Government undertakings, Local Bodies, Co-operative Institutions and execute the order through the member printers and workers. There are 28 Printing Service Co-operative Societies and 3 printing workers' Societies. In the year 2021-22 these societies had a turnover to the value of Rs.39.53 crore.

2.11.11 Engineering Industrial Co-operative Societies

The main objective of forming Engineering Service Industrial Co-operative Societies is to enrol the rural artisans manufacturing copper vessels, ITI certificate holders, metal workers, diploma holders and graduates as members of the societies and to provide them employment through the same. These Engineering Societies manufacture locks, bobbins for weaving

industries, steel racks, steel girders and other structural equipments required for the steel construction industry. Certain Engineering Societies also undertake servicing of automobiles and repairs of furniture etc. There are 16 Engineering Service Societies functioning at various districts with 1,735 members. In the year 2021-22 these societies had a turnover of Rs.14.15 crore.

2.11.12 Co-operative Industrial Estates

The Department has promoted 11 Co-operative Industrial Estates in various districts for the benefit of 3,166 Micro and Small entrepreneurs/members. The objective of these estates is to provide developed industrial plots, constructed works sheds and other infrastructure facilities to promote Micro and Small Enterprises. These Co-operative Industrial Estates are located at Vyasarpadi, Pollachi,

Sivakasi, Salem, Thoothukudi, Tirunelveli, Madurai, Coimbatore and Nagercoil etc.

The Aringar Anna Industrial Co-operative Estate of Coimbatore district has developed a new Industrial Co-operative estate and basic infrastructure facilities will be created at the premises at Kittampalayam Village in Coimbatore district and Thekkalur village, Tiruppur district for the benefit of 585 MSME units thus creating 10,000 jobs.

2.11.13 Handicrafts Industrial Co-operative Societies

In order to protect the age old traditional handicrafts of Tamil Nadu and to improve the economic conditions of traditional artisans in rural areas, Handicrafts Industrial Co-operative Societies have been organized throughout the state. The handicraft items include bronze idols, bell metals, art plates, wall panels, wood carvings, stone carvings, sculpture, musical

instruments, toys, printed fabrics, bathik printing, artificial diamond and Thanjavur paintings. At present, 14 handicraft societies are functioning in Tamil Nadu with an enrolment of 1,983 members. In the year 2021-22, these societies have made sales of Rs.1.57 crore.

2.11.14 Tailoring Industrial Co-operative Societies

With a view to provide employment opportunities to the spouses of police personnel to supplement their family income, the Tailoring Industrial Co-operative Societies were formed. These societies are helping the women folk to get a sizeable amount of income by way of stitching police uniforms. There are 14 Tailoring Industrial Co-operative Societies functioning in the state for the benefit of 2,702 workers / members. In the year 2021-22, these societies had a turnover of Rs.3.51 crore.

2.11.15 Labour Contract Service Industrial Co-operative Societies

Labour Contract Service Societies have been organized under the Co-operative sector to eliminate private labour contractors, to prevent exploitation of the workers and to bring skilled labourers into the organized set up. There are 31 Labour Contract Service Societies functioning in the State to ensure statutory benefits to their workers / members and wages to the value of Rs.224.82 crore have been disbursed in the year 2021-22.

2.11.16 Auto Service Industrial Co-operative Societies.

Auto service Industrial Co-operatives Societies have been formed to provide employment to the Auto Rickshaw Drivers and to make them owners of the auto rickshaws after recovering bank loan dues in easy monthly installments. There are 30 auto

service societies functioning in the State out of which 15 auto societies have availed financial assistance under TAMCO (Tamil Nadu Minorities Development Corporation Limited) Scheme to provide employment by providing Auto rickshaw to the youth belonging to minority communities. Out of these 30 societies, 3 Auto Rickshaw Industrial Co-operative Societies in Chennai are functioning with Petrol & Diesel Sales outlets which have achieved sales target of Rs.26.18 crore for the financial year 2021-22.

2.11.17 Other Industrial Co-operative Societies

There are several other industrial Co-operative societies under the Department that are engaged in various trades like polythene and bag making, brick manufacturing etc. Through these societies, sustained employment is provided to marginalized sector workers in the State. With the formation of

these societies, the skilled and semi-skilled workers are not only able to get regular and continued employment but also avail full statutory benefits entitled to them.

2.12 Testing Laboratories

The Government has set up the following laboratories to facilitate quality end products of MSMEs and to adhere to specification standards set by procurement agencies:

- ❖ Central Electrical Testing Laboratory (CETL) at Kakkalur, Thiruvallur district.
- ❖ Chemical Testing and Analytical Laboratory at Guindy, Chennai and Regional Testing Laboratories at Madurai, Coimbatore, Salem and Thoothukudi.

Another testing facility known as the Chennai Industrial Co-operative and Analytical

Laboratory Ltd., (MICAL), is a Co-operative laboratory, the details of which are included under the Industrial Co-operative Societies section.

2.13 Central Electrical Testing Laboratory (CETL), Kakkalur

The Central Electrical Testing Laboratory (CETL), Kakkalur, Thiruvallur district established in the year 1973 offers various testing facilities for a variety of electrical products as per Indian Standard (IS) Specifications. CETL is accredited by NABL and BIS. In order to maintain the NABL & BIS Certifications, CETL is being adequately strengthened periodically.

The testing services are offered at the rates approved by the Government of Tamil Nadu from time to time. MSMEs / Leading Brand Manufacturers/ Bulk purchasers & Quality Marking Organizations utilize the services of CETL. Government of Tamil Nadu has appointed

CETL as the Quality Consultant for the purchase of electrical goods by the State Government Departments / Quasi - Government Organizations.

To improve the quality of electrical products manufactured, CETL offers 2 day training in testing of electrical products. The test facilities available at CETL are utilized to demonstrate practical exposure to the trainees during the course of training. Till date, 437 personnel from various organizations have benefited from the training Programme imparted at CETL, Kakkalur.

A TANII approved project including a special type laboratory building and special equipments procured from Germany at a total cost of Rs.6.95 crore was inaugurated on 16.03.2022.

2.14 Chemical Testing and Analytical Laboratories

There are 5 chemical testing laboratories in the state under the control of the Commissionerate at Chennai, Madurai, Coimbatore, Salem and Thoothukudi. These laboratories provide testing facilities to cater to the needs of MSMEs, Government Departments like Public Works Department, Railways etc and private customers also for testing their raw materials and finished products. The optical emission spectrometer, a highly sophisticated instrument available in the laboratories is used to test metals for their chemical composition with a high level of accuracy. Atomic absorption spectrophotometer available in the laboratory is used to test chemical elements to a very high accuracy level in any product. These laboratories are equipped with sufficient instruments to test the materials used in construction industries such as steel rods,

cement, water, sand, aggregates, bitumen, soil etc.

2.15 Technical Training Institutions

The following institutes are functioning under the control of Commissionerate of Industries and Commerce with the approval of All India Council for Technical Education.

i. Institute of Ceramic Technology, Vridhachalam

The Institute of Ceramic Technology, Vridhachalam functioning at Vridhachalam offers a 3½ years Diploma Course in Ceramic Technology. Every year, 50 students with a minimum qualification of pass in S.S.L.C (X Std.) are admitted in the first year and 10 students passed in +2 (XII Std) are admitted in the second year as lateral entry.

ii. Government Technical Training Centre, Guindy, Chennai

The Government Technical Training Centre, Guindy was established in 1962 and offers a 3 year diploma in Mechanical Engineering for the following two courses.

- (i) DME (Tool & Die)
- (ii) DME (Refrigeration & Air-Conditioning)

The institute admits 144 students (120 students in first year (regular) + 24 students in lateral second year) for the 3 year Diploma Engineering course every year.

iii. Institute of Tool Engineering, Dindigul

The Institute of Tool Engineering, Dindigul was established in 1961 and offers 3 years Diploma in Tool & Die Course. The institute admits 54 students (45 students in regular first

year + 9 students in lateral second year) in Diploma Engineering every year.

iv. Government Scientific Glass Training Centre, Coimbatore

The Government Scientific Glass Training Centre, Coimbatore offers 11 months and 2 months skill Development training in table top glass blowing process for the fabrication of Scientific Glass Apparatus to the VIIIth standard passed students.

v. Government Production Centre for Scientific Glass Apparatus, Coimbatore

This centre has been functioning since 1972 and engages in the manufacture of laboratory glassware to cater to the needs of various Departments like Agriculture and Forensic Sciences as well as Health Department laboratories.

2.16 Sustainable Development Goals (SDGs)

Sustainable Development Goals consist of an integrated and interlinked set of 17 goals supported by 169 targets in economic, social, and environmental development dimensions. MSMEs are widely recognized for the important contributions they make to sustainable development, in terms of contributions to economic growth, creation of decent jobs, provision of public goods and services, as well as poverty alleviation and reduced inequality. They have the potential for wide-reaching impacts on the SDG 8 to promote inclusive and sustainable economic growth, employment and decent work. The indicators are as follows:

- ❖ Number of MSME units registered under the online Udyam Registration for entrepreneurship

- ❖ Number of MSMEs including Startups with financial assistance from the Union Government
- ❖ Number of MSMEs including Startups with financial assistance from the Tamil Nadu Government

3. TAMIL NADU SMALL INDUSTRIES DEVELOPMENT CORPORATION LIMITED (TANSIDCO)

Tamil Nadu SIDCO was established in the year 1970 by Government of Tamil Nadu as a Public Limited Company with the specific motive to promote the development and sustainable growth of Micro, Small and Medium Enterprises (MSMEs) in Tamil Nadu. TANSIDCO plays a pivotal role in fulfilling the objectives of promoting the growth of MSMEs.

3.1 Functions of TANSIDCO

- i. Establishment of new Industrial Estates and Plug & Play Flatted Factory modules.
- ii. Maintenance and up-gradation of infrastructure facilities in existing Industrial Estates.

- iii. Formation/Shifting of Private Industrial Estates.
- iv. Cluster Development for MSMEs by setting up of Common Facility Centres and Common Production Infrastructure Centres.

At the commencement of last year, TANSIDCO was managing 41 Government Industrial Estates and 81 TANSIDCO Industrial Estates developed in 8,260 acres of land across the State with 14,195 industrial plots / sheds, and flatted factory complexes in two Industrial Estates. TANSIDCO, committed to develop new industrial estates with quality infrastructure for the balanced industrial eco system, has established 5 new Industrial Estates in 5 districts during the year 2021-22. At present, TANSIDCO maintains 127 Industrial Estates spread over 8,342 acres with 14,346 industrial plots.

TANSIDCO provides industrial infrastructure facilities like motorable roads, storm water drains, culverts, water supply system, sewage system, street lighting, green belt, parks and other required amenities in the Industrial Estates. The details of 127 Industrial Estates including newly developed 5 Industrial Estates are given in **Annexure-1**.

The authorised share capital of the Corporation is Rs.45 crore and the paid up share capital is Rs.25.14 crore. Profit made by TANSIDCO is Rs.38.63 crore for the financial year 2021-22.

3.2 Exclusive Women Industrial Parks

TANSIDCO has developed 5 women industrial parks having 1,226 industrial plots in the following locations.

1. Thirumullaivoyal (Thiruvallur District)
2. Thirumudivakkam (Kanchipuram District)
3. Karuppur (Salem District)
4. Valavanthankottai (Thiruchirapalli District) &
5. Kappalur (Madurai District)

3.3 Product Specific Industrial Estates

TANSIDCO has developed 5 product specific Industrial Estates having 515 industrial plots / sheds as detailed below:

1. Integrated Technical Textile Park at Thandarai (Chengalpattu District)
2. Integrated Textile/Apparel Park at Punjaikalakurichi (Karur District)
3. Integrated Food Park at Eachampadi (Dharmapuri District)

4. Integrated Sea Food Park at Sakkarakottai (Ramanathapuram District)
5. Pharma Park at Alathur (Chengalpattu District)

3.4 Formations of New Industrial Estates

During the year 2021-22, in the 1st phase, TANSIDCO has developed 151 plots in 5 new Industrial Estates with infrastructure facilities in the following 5 districts.

S. No	District	Name of Industrial Estate	Developed Extent in Acre	Plots Developed
1	Chengalpattu	Alathur Phase -II	29.71	38
2	Namakkal	Rasam palayam	12.72	25
3	Salem	Periya seeragapadi	18.02	35
4	Pudukottai	Alangudi	7.65	20
5	Thiruvanna malai	Periyakolapadi	13.75	33
	Total		81.85	151

Further, formation of following 5 new Industrial Estates in 5 Districts is in progress.

S. No	District	Name of Industrial Estate	Extent in Acre	Project Cost Rupees in Crore
1	Salem	Umayalpuram	20.07	4.50
2	Madurai	Sakkimangalam	31.88	22.28
3	Chengalpattu	Kodur	98.22	45.94
4	Tiruvallur	Kaverirajapuram	145.98	65.69
5	Trichirappalli	Manaparai	120.00	84.00
	Total		416.15	222.41

3.5 Up-gradation of infrastructure in the existing Industrial Estates

TANSIDCO has upgraded infrastructure facilities in the existing 14 Industrial Estates at a total project cost of Rs.29.64 crore under MSE-CDP scheme.

During the year 2021-22, the following 5 up-gradation projects are completed at a total project cost of Rs.18.40 crore.

S. No	District	Name of Industrial Estate	Extent in Acre	Project cost (Rs. in crore)
1	Madurai	K.Pudur	56.05	5.20
2	Thanjavur	Nanjikottai	26.30	2.85
3	Krishnagiri	Hosur (New)	24.41	4.00
4	Dindigul	Dindigul	39.91	4.05
5	Erode	Nanjai Uthukuli	13.05	2.30
		Total	159.72	18.40

Further, the following two upgradation projects are under implementation at a total project cost of Rs.19.10 crore:

S. No	District	Name of Industrial Estate	Extent in Acre	Project cost (Rs. in crore)
1	Ranipet	Ranipet	113.44	9.55
2	Madurai	Uranganpatti	69.84	9.55
		Total	183.28	19.10

3.6 Formation of Private Industrial Estates

Government of Tamil Nadu assists the MSME associations coming forward to set up new private Industrial Estates at the outskirts of towns / cities with 50% of Government grant of the total project cost limited to a maximum of Rs.15 crore. One private Industrial Estate was established at a project cost of Rs.24.32 crore.

Formation of following 4 private Industrial Estates is under progress at a total project cost of Rs.69.28 crore.

(Rs.in crore)

S. No	District	Name of the Industrial Estate	Extent in Acre	Project Cost
1	Madurai	M/s Madurai Engineering Cluster (P) Ltd, Melavalavu	54.00	13.65
2	Coimbatore	M/s CODISSIA Industrial Park (P) Ltd, Kallapalayam	116.24	20.00
3	Coimbatore	M/s COSIEMA Industrial Park (P) Ltd, Solavampalayam	42.42	18.06
4	Coimbatore & Tiruppur	M/s. Arignar Anna Cooperative Industrial Estate Ltd, Kittampalayam and Thekkalur.	316.04	17.57
		Total	528.70	69.28

3.7 Shifting of Existing Industrial Units to the Outskirts of Town/City

The State Government assists MSME associations who are ready to shift their units outside the town/urban areas with 75% of Government grant of the total project cost

subject to a maximum of Rs.20 crore for development of infrastructure facilities. One Estate was developed at a project cost of Rs.13.67 crore.

Formation of following 2 private Industrial Estates are under implementation at a total project cost of Rs.18.17 crore

(Rs. in crore)

S. No	District	Name of the Industrial Estate	Extent in Acre	Project Cost
1	Virudhunagar	M/s Southern District Textile Processing Cluster, Kariyapatti	100.46	12.17
2	Coimbatore	M/s Tea Park India (P) Ltd, Sirumugai, Mettupalayam	13.45	6.00
		Total	113.91	18.17

3.8 Plug and Play Flatted Factory Complex

TANSIDCO has constructed 79 plug and play flatted factory Modules at Thirumazhisai Industrial Estate in 97,036 sq.ft and allotted on outright / rental / hire purchase basis.

Two Plug and Play Flatted Factory Modules for micro units are under construction in the following Industrial Estates:

(Rs. in crore)

S. No	Industrial Estate	No.of Floors	No.of Modules	Built up area in Sq.Ft.	Project Cost
1	Guindy	Basement, Stilt + 6	152	197024	90.13
2	Ambattur	Stilt + 4	112	131427	60.55
	Total		264	328451	150.68

Further, to provide workspace for workers of silver anklet manufacturing units of Salem District at affordable rent, construction of a Plug and Play flatted factory complex with 100 modules in an extent of 1.20 acre with Ground floor + 3 floors in Ariyagoundampatti Village, Salem District at a project cost of Rs.25 crore is being taken up.

3.9 Allotment Policy of Plots/Sheds

Allotment of plots / sheds is done in a transparent manner by advertising vacant plots / sheds in website. The extent of developed plots varies from 5 cents to 100 cents and are allotted to MSMEs, as per the requirements of manufacturing units. Applicants are interviewed by the Screening Committee for selecting eligible applicants. When there are more applicants than the number of available plots/sheds, transparent lot process is followed.

Plots/Sheds/Modules are allotted on Outright Sale/Lease/Rental.

To facilitate the MSMEs to commence production early, interim loan is arranged for purchase of TANSIDCO plots / sheds under Industrial Infrastructure Initiative Scheme (IIIS) of Tamil Nadu Industrial Investment Corporation (TIIC).

3.9.1 Priority in Allotment

Priority in allotment is given to the following category of entrepreneurs:

- ❖ 30% for Micro Enterprises
- ❖ 30% for Women Entrepreneurs
- ❖ 10% for Ex-servicemen
- ❖ 20% for SC/ST and Transgenders
- ❖ First generation entrepreneurs trained under NEEDS Scheme are given

priority in allotment of plots/sheds,
subject to availability of plots/sheds.

3.10 Conversion of allotment from 30 years Lease to Outright Sale

Government, during 2013-14, issued orders for allotment of plots on 30 years lease with an option to purchase plots on outright basis at the end of 30 years for the Industrial Estates formed from 2013-14. By adopting this allotment policy, from 2013-14 onwards, TANSIDCO made 64 allotments in 6 newly developed Industrial Estates viz. Virudhunagar (Urban), Vaniyambadi, Vettambadi, Mathur (New), Palayapatti and Pattanam. Whereas, the MSMEs were not preferring allotment on lease basis as they were finding difficulty in availing Bank loan without sale deed for establishment of industry.

The allottees were requesting for conversion of allotment from lease to outright

purchase. The long pending request of these allottees has been favourably considered by the Government and issued order in G.O.(Ms.) No.76, MSME (C) Department dated 06.12.2021 for conversion of allotments made on 30 years lease to outright sale. This has paved way for allottees to obtain sale deed without waiting for 30 years.

3.11 Setting up of Common Facility Centres (CFCs)

Tamil Nadu is leading in cluster development Programme in India and maintaining first position in creation of common facility centres. Cluster approach is the key strategy for enhancing the productivity and competitiveness as well as capacity building of MSMEs. Cluster Development Scheme helps in the growth of MSMEs by addressing common issues such as technology up-gradation, skills

development, market access, access to capital etc.

Overall status of CFC projects

(Rs. in crore)

S. No	Status	No	Project Cost	Union Govt. grant	Govt. of Tamil Nadu Grant
1	Completed projects	26	141.34	97.39	11.13
2	On-going projects	17	206.07	136.82	24.83
3	New Projects recommended /to be recommended to Union Government	13	196.83	148.12	18.84
	TOTAL	56	544.24	382.33	54.80

The details of above CFC projects are given in **Annexure-2**, **Annexure-3** and **Annexure-4** respectively.

3.12 Common Production Infrastructure (CPI)

Common Production Infrastructure scheme (CPI), has been introduced by State Government to support and encourage the micro clusters by providing Government grant of 70% of total project cost subject to the ceiling of Rs.2.50 crore.

Overall status of CPI projects

(Rs. in crore)

S. No.	Status	No.	Project Cost	Govt. of Tamil Nadu Grant
1	Completed	1	3.90	2.50
2	On-going projects	9	36.90	20.71
	Total	10	40.80	23.21

The details of above CPI projects are given in **Annexure-5**.

3.13 Distribution of Raw Material

Raw Materials like Paraffin Wax and TNPL Paper are procured and distributed by TANSIDCO to Micro and Small Enterprises based on their requirements. The materials are distributed through 10 TANSIDCO Branch Offices/Depots situated at Ambattur, Coimbatore, Madurai, Thrichirapalli, Thanjavur, Vellore, Salem, Erode, Sivakasi and Sattur.

Under Raw Material Assistance scheme, TANSIDCO has sold 967 MT of raw materials viz. Paraffin Wax, and TNPL paper to a total value of Rs.10.27 crore during the financial year 2021-22.

3.14 e-Governance

- ❖ TANSIDCO has redesigned its website (www.tansidco.tn.gov.in), to provide users with easy interface experience to know about the services / schemes offered by TANSIDCO

- ❖ TANSIDCO online application system has been integrated with Tamil Nadu Single Window Portal <https://www.tnswp.com>

- ❖ TANSIDCO GIS module Integrated with Government of India Industrial Information System(IIS) portal - India Industrial Land Bank (IILB) <https://iis.ncog.gov.in/parks>

Services currently provided

- ❖ View vacant plots online

- ❖ View Geographical Information System (GIS) of Layouts
- ❖ File and track applications online for allotment of plots/sheds/modules
- ❖ Make electronic payments for application fees
- ❖ Communicate updates through SMS & E-mail Notifications
- ❖ Download allotment order anytime, anywhere
- ❖ Access to allottees with unique login credentials to login and make plot cost payment and also to view dues pending for payment at anytime

Activities in progress

Apart from providing online services mentioned above, TANSIDCO is currently

developing the following online services for implementation during this year:

- ❖ Online portal for supply of Raw Material (Wax / TNPL) and integration with Single Window Portal system
- ❖ Accounting Software with Audit Trail
- ❖ Software to monitor the services rendered to the allottees by Branch Office

Further, TANSIDCO is planning to transform the existing office system to e-Office.

3.15 Mega Cluster

To enable the MSMEs in Tamil Nadu to meet the global requirements, universal standards and to enable them to enter emerging areas, Government of Tamil Nadu has

announced that TANSIDCO will establish Mega Clusters in sunrise sectors.

3.15.1 Pharma Mega Cluster

TANSIDCO, in coordination with drug manufacturers associations is in the process of implementing Pharma Mega Cluster at Tindivanam SIPCOT industrial park, Villupuram District at a project cost of Rs.150 crore for the pharmaceutical formulation MSME units with common facilities such as Common Testing Centre, Common Effluent Treatment Plant (ETP), Common Sewage Treatment Plant (STP), etc.

3.15.2 Precision Mega Cluster

TANSIDCO has identified the hub for precision engineering components used in automobile, machine building, electrical and electronic appliances in the Chennai region covering Chennai, Kanchipuram, Thiruvallur and

Chengalpattu Districts and is proposing to develop Precision Mega Cluster at Thirumudivakkam Industrial Estate, Kanchipuram District in coordination with industrial associations at a project cost of Rs.48 crore to provide common technical infrastructure for design & development of new products with advanced common testing facility and common machining facility under Hub & Spoke model.

These Mega Clusters will envisage high-quality, low-price products and address the lack of high-end testing facilities and technology up-gradations faced by the MSMEs.

3.16 Workers' Hostel

Government has announced to construct **worker's hostels to provide quality accommodation at affordable rent to the industrial workers in needy industrial areas.**

Initially, it is proposed to build worker's hostel in Chennai and Coimbatore and subsequently in other places.

3.16.1 Workers' Hostel at Ambattur Industrial Estate

To fulfil the need of industrial units and industrial workers in and around Chennai, TANSIDCO has identified 1.212 acres of land in Ambattur Industrial estate and construction of **stilt plus 5 floor workers' hostel to accommodate 800 workers** at a project cost of Rs.29.47 crore is being taken up.

3.16.2 Workers' Hostel at Kurichi Industrial Estate

To meet out the demand for accommodating industrial workers in Coimbatore District, TANSIDCO has identified 1.49 acres of land in Kurichi industrial estate and construction of **stilt plus 3 floor workers'**

hostel at a project cost of Rs.22 crore to accommodate 510 workers is being taken up.

3.17 Reduction of plot cost in Industrial Estates

Due to high land cost industrial plots in many industrial estates were unsold. In order to address this issue, revision of land cost was made by Government in G.O.Ms.No.50, MSME (C) Department dated 11.10.2021 and the land cost for the industrial plots has been fixed for the year 2018–19 with 5% to 75% reduction in plot cost.

COVID-19 pandemic has severely affected the development of MSMEs and crippled their economic activities to a larger extent for the past two years and MSMEs are slowly resuming to normalcy. Considering these facts, the same cost of 2018-19 has been retained for the financial years 2019-20 and 2020-21.

Consequent to the price reduction, 553 un-allotted plots were allotted during the year 2021-22 benefitting needy MSMEs. Efforts are being taken to allot remaining vacant plots at the earliest by inviting applications from eligible entrepreneurs.

3.18 Pattas for Industrial Plots

Pattas for 3,600 acres in 60 Industrial Estates have to be given to allottees in Sarkar Poramboke. Government have constituted Empowered Committee headed by the Chief Secretary to address the patta issue. First Empowered Committee meeting was convened and resolved the issue of Pattas in 1,314 acres of land pertaining to 23 Industrial Estates including Guindy and Ambattur. Action is being taken to issue Patta for Poramboke land available in remaining industrial estates with the approval of the Empowered Committee.

3.19 One Time Up-gradation works in Existing Industrial Estates

Since periodical up-gradation of infrastructure facilities in existing Industrial Estates could not be carried out by TANSIDCO under MSE-CDP scheme, as a special initiative, TANSIDCO has taken up one time up-gradation work in 53 existing Industrial Estates at total project cost of Rs.12.38 crore from TANSIDCO fund and the works are nearing completion.

3.20 Micro Cluster Development Programme

There are numerous clusters of micro enterprises across the State. With a view to help such clusters, an announcement was made during 2022-23 Budget speech that the **Government will launch a new “Micro Cluster Development Programme”**. **Further, it was** announced that Cookware cluster in Tirunelveli District, artificial jewellery making cluster by

Narrikuruvars in Kancheepuram District, Cashew processing cluster in Cuddalore District and toys cluster in Madurai District will be among the 20 Micro clusters that will be taken up this year with an allocation of Rs.50 crore. Necessary steps are being taken to implement the scheme.

4. TAMIL NADU SMALL INDUSTRIES CORPORATION LTD (TANSI)

The Tamil Nadu Small Industries Corporation Limited (TANSI) was established in 1965. At present, it has 19 production units all over Tamil Nadu and one showroom in Tiruchirappalli in the following manner:

❖ Engineering units	-	3
❖ Furniture units	-	13
❖ Special units	-	2
❖ Paint Unit	-	1

Total	-	19

4.1 Products

TANSI manufactures the following items:

- ❖ Line materials for TANGEDCO
- ❖ Classroom furniture for schools, colleges and hostels

- ❖ Furniture for domestic and office use
- ❖ Spirit-based products for Tamil Nadu Medical Services Corporation
- ❖ India Mark-II hand pumps
- ❖ Paints, baby weighing bar scales, etc.,
- ❖ Spirit-based Industrial products such as Gasket Shellac, French polish, Thinner and disinfectant solutions like Lysol, Phenyl.

4.2 Major orders executed during the year 2021-22 (Rs.1 crore and above)

- ❖ Supply of Foundational Literacy and Numeracy (FLN) Kits to School Education Department - Rs.17 crore
- ❖ Supply of steel and wooden furniture to Higher Education Department - Rs.12.29 crore

- ❖ Supply of steel and wooden furniture to Department of Indian Medicine and Homeopathy - Rs.4.23 crore
- ❖ Supply of steel and wooden furniture to the Department of Health & Family Welfare - Rs.2.71 crore
- ❖ Supply of steel and wooden furniture to the Agricultural Engineering Department - Rs.1.44 crore
- ❖ Supply of steel and wooden furniture to the Hindu Religious and Charitable Endowment Department - Rs.1.04 crore

4.3 Major orders on hand for the financial year 2021-22 (Rs.1 crore and above)

- ❖ Supply of Foundational Literacy and Numeracy (FLN) Kits to School

Education Department - Rs.28.39
crore

- ❖ Supply of steel and wooden furniture to the Higher Education Department - Rs.13.20 crore
- ❖ Supply of steel and wooden furniture to the School Education Department - Rs.15.51 crore
- ❖ Supply of steel and wooden furniture to Greater Chennai Corporation - Rs.9.80 crore
- ❖ Supply of Interior, fabrication and wooden furniture to Textiles Department - Rs.1.31 crore
- ❖ Supply of steel furniture to the Backward Class Welfare Department - Rs.1.15 crore

- ❖ Supply of steel and wooden furniture to Department of Indian Medicine and Homeopathy - Rs.0.85 crore

4.4 Revamping of Units

During the year 2021-22, TANSI has revamped two of its closed units at Omalur and Ranipet and put into operation for manufacturing.

4.5 Performance of TANSI and TAPAP for the year 2021-22

Total orders received for the financial year 2021-22 is around Rs.110 crore.

- Performance of TANSI for the year 2021-22:

Description	Rs. in crore (Unaudited)
Production	60.33
Sales	43.75
Net Profit	7.75
Operating Profit	1.92

After the year 2014-15 during the financial year 2021-22, TANSI achieved operating profit.

b. Performance of TAPAP for the year 2021-22:

Description	Rs. in crore (Unaudited)
Production	4.46
Sales	4.46
Net Profit	0.75
Operating Profit	0.95

4.6 Merger of Tamil Nadu Paints and Allied Products Limited (TAPAP) with TANSI

TAPAP, a subsidiary unit of TANSI is merged with TANSI as per Government order G.O. (Ms.) No.53, Micro, Small and Medium Enterprises (E) Department dated 22.07.2020.

5. ENTREPRENEURSHIP DEVELOPMENT AND INNOVATION INSTITUTE (EDII-TN) TAMIL NADU

Entrepreneurship Development and Innovation Institute-Tamil Nadu (EDII-TN), was established in 2001 as a not-for-profit society by Government of Tamil Nadu and is involved in the promotion of innovation and entrepreneurship in the State. It has trained 4.30 lakh entrepreneurs in various Programme since its inception, covering a varied clientele of students, existing and aspiring MSME entrepreneurs and Startups.

EDII-TN's key activities include conduct of training Programme, partnerships with district MSME associations, networking with higher technical institutions, promoting innovation and business facilitation services.

5.1 Administration and key activities

EDII-TN is administered by a Governing Council, consisting of officials of Government Departments and representatives of other institutions in ecosystem. There are four Programme divisions in EDII-TN: Entrepreneurship Development Programme (EDP), Innovation and Entrepreneurship Development Programme (IEDP), Innovation & Incubation (I&I) and Information and Communication Technology (ICT) based on the following activities of the EDII-TN in the field of entrepreneurship and innovation promotion. These are detailed below.

5.1.1 Entrepreneurship Promotion

(i) Entrepreneurship Development Programme (EDP)

Adopting a life-cycle oriented training approach (Programme for every stage), EDII-TN

provides a range of training Programme and services for entrepreneurs & innovators.

In the year 2021-22, a total of 18,383 aspiring and existing entrepreneurs benefited through various training Programme in four phases as given below:

a) First phase (Ideation stage) – During this phase, awareness camps are organized and the participants are given information on how to commence a business, entrepreneurial skills and the opportunities in the market including information on various Government schemes. During 2021-22, Entrepreneurship Awareness Camps were conducted in 149 locations across the State in which 12,325 persons participated.

b) Second phase (Business planning phase) - Business Model and Business Plan (BMBP) Preparation Training is provided for aspiring entrepreneurs in this phase. The

participants are trained on building their business model and improving their business plans. Support is provided to file applications for various loans under Government schemes. During the year 2021-22, 34 BMBP training Programme were organised covering 1,599 persons.

c) Third Phase (Business launch phase) -

In this phase beneficiaries of various Government Schemes like UYEGP, NEEDS and other aspirants are given General EDP training. The subjects taught include information on launching the business, understanding markets, statutory business compliances and operations management. During the year 2021-22, 4 days EDP were given to 490 entrepreneurs and 15 days EDP training Programme were given to 43 entrepreneurs. Following the Covid pandemic, EDII-TN has converted EDP training for NEEDS, UYEGP and Innovation Voucher Programme to

the electronic mode fully thus doing away with the need to attend the physical training Programme.

d) Fourth Phase (to existing MSMEs)–The entrepreneurs are given training on day to day operations and contemporary topics of interest to MSMEs under this phase. The training duration varies from half-day to 3 days depending on the nature of topics covered. During the year 2021-22, 241 Programme were organised in which 4,007 persons attended and training was imparted on the following topics.

- ❖ Financial Management
- ❖ Sales & Marketing strategy
- ❖ Production and HR Management
- ❖ Export-import procedures and Documentation (Basic and Advanced)
- ❖ Angel Investors, Fund Raising and Venture Capital Fund

- ❖ Lean Manufacturing (Six Sigma)
- ❖ GST, E-Way bill and IT Returns
- ❖ Awareness Programme on Alternate Energy

During the financial year 2021-22, an amount of Rs.58.12 lakh was disbursed by EDII-TN towards EDP schemes.

(ii) Cluster Development Programme (CDP)

Development of Cluster is considered as one of the most important step for the growth and sustainability of MSMEs. In association with IC&DIC, various developmental activities are undertaken by EDII-TN through soft interventions such as identification of new clusters, cluster awareness Programme, workshops on current topics suited to existing clusters, cross cluster visits etc.

During 2021-22, Business opportunity identification and guidance for Livelihood Clusters - 4 Programme were organised in different locations across the state, in which 317 MSME entrepreneurs participated. Besides, 6 Cluster Awareness Programme and two Exposure visits were arranged to the existing and new entrepreneurs including tribal communities. In 6 clusters Special Purpose vehicles (SPV) have been formed.

During the financial year 2021-22, an amount of Rs.2.08 lakh was disbursed by EDII-TN towards Cluster Development Programme.

(iii) Mentorship Programme

Successful entrepreneurs, professional mentors, field experts, academicians etc., are engaged to provide mentorship services to aspiring and existing MSMEs to achieve the

business goals of the targeted group. During 2021-22, under Business Facilitation Service Programme, 2,930 new/ existing MSME entrepreneurs got mentoring support through Entrepreneurship Clinics. Under Networking, 195 MSME entrepreneurs were benefited.

5.1.2 Programme through ICT

a) Mass Outreach Programme

EDII-TN Television Programme 'Nimirnthu Nil' was aired in DDK Pothigai channel on every Wednesday between 11.30 a.m. and 12.00 p.m. The 31 episodes covered the activities of EDII-TN, Government Schemes and Programme for the benefits of Entrepreneurs and Startups, district-wise industrial opportunities, viable project reports and success stories of EDII-TN trained entrepreneurs.

b) Participation in Trade Fairs/Exhibitions

EDII-TN participated in two trade fairs / exhibitions at national and State level.

c) Documentation

- ❖ **Video documentation:** Video documentation of 22 EDII-TN trained successful entrepreneurs under schemes such as NEEDS and UYEGP was done and is made available in the EDII-TN web portal for public access.

- ❖ **E-News Letter:** An E-Newsletter is brought out every month by EDII-TN. It covers many useful contents for MSMEs and policies and activities of the Government for the promotion of entrepreneurs and startup ecosystem.

d) E-Learning

E-Learning module has been made on different topics pertaining to the requirements of MSME fraternity. These modules which are made available for public access in the EDII-TN Web portal provides basic knowledge on specific topics. In the year 2021-22, 15 E-Learning materials were uploaded in the web portal.

e) Call Centre

A Call Centre functions in EDII-TN to support and facilitate budding and existing entrepreneurs, MSME clusters, Startups. An executive has been positioned to handle the calls received from across the State and provide necessary guidance on their queries, doubts, etc.

During the financial year 2021-22, an amount of Rs.15.97 lakh was spent by EDII-TN towards ICT Programme.

5.1.3 Innovation promotion

EDII has taken efforts to promote entrepreneurship and innovation in the academic institutions through various Programme to convert the Students from job seekers to job providers.

a) Innovation and Entrepreneurship Development Programme in educational institutions

EDII-TN is implementing a broad Programme for Colleges, Polytechnics and ITI's. The initiative focuses on a range of activities targeting faculty, students and alumni. Operating as a Hub and Spoke model, the Programme focuses on following three main objectives:

1. College Entrepreneurial and Innovation Ecosystem Development
2. Faculty & Student Entrepreneurship Competency Development
3. Faculty and Student Innovation Promotion

College Entrepreneurial and Innovation Ecosystem Development

EDII-TN encourages formation of E-Cells (Entrepreneurship Cells) in spoke colleges and offer tailor-made entrepreneurship Programme for students and faculty members. Resourceful Universities and academic institutions are recognized as Hubs and 30-40 colleges are supported by each hub which are called as Spoke colleges. 25 hubs have been identified and established so far in the State.

The details of hubs and spoke colleges are given below:

S. No	Name of the Hub	No of spoke Colleges
1	CED, Anna University, Chennai	54
2	MIT campus, Anna University, Chennai	60
3	UCE, Anna University, Villupuram	48
4	University of Madras, Chennai	49
5	Sona College of Technology, Salem	33
6	Periyar University, Salem	113
7	Anna University Regional Campus, Coimbatore	65
8	Bharathiyar University, Coimbatore	133
9	Sastra Deemed University, Thanjavur	35
10	Alagappa University, karaikudi	52
11	Thyagarajar College of Engineering, Madurai	30
12	Madurai Kamarajar University, Madurai	36
13	Anna University Regional campus, Tirunelveli	68

14	UCE, Anna University, Nagercoil	52
15	Annamalai University, Chidambaram	60
16	Mother Theresa Women University, Kodaikanal	22
17	Manonmaniam Sundaranar University, Tirunelveli	65
18	UCE, Anna University, Arani	35
19	UCE, BIT Campus, Anna University, Trichy	45
20	Bharathidasan University, Trichy	35
21	Central Polytechnic College, Chennai	90
22	Govt. Polytechnic College, Chennai	92
23	Govt. Polytechnic College, Tiruchirappalli	101
24	T.P.E.V.R Govt. Polytechnic College, Vellore	69
25	Govt. Polytechnic College, Thoothukudi	103
Total		1545

In order to promote Innovation and Entrepreneurship development in spoke colleges, Student Entrepreneurship Cells (E-Cells) are promoted in member institutions.

Out of 1,545 colleges, 825 Institutions have formed student E-Cells. EDII-TN plans to increase the number of hubs to 30 and to activate E-Cells in all the spoke colleges in the coming years.

Faculty & Student Entrepreneurship Competency Development

Entrepreneurship awareness, entrepreneurship development, certificate courses on entrepreneurship development, workshops on business model canvas and business plan preparation and capacity building Programme are offered to faculty and students under this Programme. The following Programme were conducted in 2021-22.

- ❖ 550 Entrepreneurship Awareness and Entrepreneurship Development trainings were conducted thorough webinars for E-Cell Members / Students and 1.04 lakh

students participated and benefitted from the same

- ❖ Top Management Meets were conducted in five Universities and five regional polytechnic colleges and 767 colleges participated in this Programme
- ❖ 28 Faculty Development Programme on Entrepreneurship were conducted and 1,513 faculty members benefitted

Faculty and Student Innovation Promotion

EDII-TN's initiative in the recent years to promote innovation ecosystem in the educational institutions includes Intellectual Property Rights (IPR) and Entrepreneurship Workshops, Design Thinking Workshops, Industry-Academia Collaboration Initiatives, Innovation Challenges etc., During 2021-22, the following activities were undertaken:

- ❖ Six IPR Programme were conducted with the support of Intellectual Property Rights office, Government of India for the benefit of 625 students and faculty members.
- ❖ Under Tamil Nadu Student Innovator Award 2021 (TNSI) challenge Programme 7,568 ideas were received from the spoke college students and scrutinized. Ideation Camp, Boot camp and Final Pitch are in progress for awarding 25 teams with incentive of Rs.25 lakh (Rs.1 lakh per team)

During the financial year 2021-22, an amount of Rs.74.61 lakh was disbursed by EDII-TN towards these Programme.

5.1.4 Tamil Nadu Manufacturing Business Incubation Infrastructure Development Programme–TNMBIIDP

EDII-TN with the financial support of State Planning Commission has established 9

Incubation centres under 'Tamil Nadu Manufacturing Business Incubation Infrastructure Development Programme'. These incubation centres were established in different sectors like agriculture, horticulture, agro-forestry, veterinary, fisheries, food science & nutrition, advanced manufacturing and pharmacology. Under this scheme 9 incubation centers are as follows:

(Rs. in crore)

S. No	Name of the Incubation Centre	Sector	Total Amount Sanctioned
1	Mettupalayam Agroforestry Business Incubation Forum, Mettupalayam, Coimbatore District	Agroforestry	2.42
2	EDII –Killikulam Agri Business Forum, Killikulam, Thoothukudi District	Agriculture	2.13

3	EDII – Periyakulam Horti-Business Incubation Forum, Periyakulam, Theni District	Horticulture	2.15
4	EDII - Trichy Agri Business Forum, Trichy, Trichy District	Agriculture	2.39
5	Annamalai Innovation and Incubation Research Foundation, Chidambaram, Cuddalore District	Advanced Manufacturing	2.34
6	Periyar University Business Incubation Confederation, Salem, Salem District	Food & Nutrition	1.00
7	EDII - Marine Products Business Incubation Forum, Thoothukudi, Thoothukudi District	Fisheries	2.50
8	Veterinary Incubation Foundation TANUVAS, Chennai, Chennai District	Veterinary	2.35
9	EDII - Anna Business Incubation and Research Foundation, Trichy, Trichy District	Pharmacology	2.50
Total			19.78

The following services are provided by the Incubation Centres:

- ❖ Co-working space
- ❖ Capacity building training/Workshops
- ❖ Awareness Programme
- ❖ Seed fund facilitation to Entrepreneurs and Startups through Government Schemes (Innovation Voucher Programme, TANSEED etc.), Loans, Angel and Venture Capital fund
- ❖ Assisting Startups to obtain Intellectual Property Rights
- ❖ Consultancy services like Company registration, GST filing, etc.
- ❖ Networking services

During 2021-22, 152 incubatees were registered with these incubation centers for incubation support. Rs.77.78 lakh revenue has been generated by these incubation centers for self-sustainability.

During the financial year 2021-22, a grant of Rs.253.22 lakh was released by EDII-TN to these incubators.

5.2 Innovation Voucher Programme (IVP)

Innovation Voucher Programme envisages leveraging the strengths of academic and research institution as Knowledge Partners (KPs) to support MSMEs and Start-ups in innovation.

The IVP encourages the MSMEs and start-ups to utilize the services of a knowledge partner for nurturing their innovative ideas at the stage of pre-development and product or process development activities using two types of vouchers: Voucher A and Voucher B.

Voucher A can be utilized for innovation potential analysis prior to the development of a new product or Production process, Project Research cost, Design Studies and Initial Phase

Study. The grant under this voucher is 80% of the project cost upto a maximum of Rs.2 lakh. Voucher B can be utilized to promote an existing or early stage company to quickly access potential markets by developing an innovative commercial product, Material Test Flow, Quality Test Evaluation and Certification. The grant under this voucher is 50% of the project cost up to a maximum of Rs.5 lakh.

MSMEs and Startups registered and located in Tamil Nadu working in the manufacturing and service sector are eligible to apply for the Innovation Voucher Programme. The proposals/applications are being received online throughout the year.

So far, 189 Innovators have been benefitted with an amount of Rs.5.02 crore in sectors like Agriculture, Health, Manufacturing, Food Science, etc.

During the financial year 2021-22, 84 Innovators have been awarded with an amount of Rs.229.40 lakh.

6. MSME TRADE AND INVESTMENT PROMOTION BUREAU (M-TIPB)

The MSME Trade and Investment Promotion Bureau (M-TIPB) was set up in 2019 as an autonomous body to promote trade, investment and foreign collaborations in the MSME sector. M-TIPB intends to be the single point of contact for the purpose of facilitating MSMEs across Tamil Nadu in trade and investment thereby enabling the growth of these enterprises. The five year vision of M-TIPB is to be the springboard of professional and economic success for MSMEs, and leapfrog them onto the international stage.

6.1 MSME FACILITATION

6.1.1 Supporting Financing Requirements of MSMEs

Easing access to finance is one of the key issues for MSMEs. Pursuant to this, M-TIPB has taken up the following initiatives:

a) Tamil Nadu Credit Guarantee Scheme

An MoU was signed between the Credit Guarantee Fund Trust for Micro and Small Enterprises (CGTMSE) and the Government of Tamil Nadu on 16.03.2022 to launch a new state level scheme for credit guarantee called the Tamil Nadu Credit Guarantee Scheme (TNCGS). A corpus fund of Rs.100 crore has been created for extending credit to MSMEs through TNCGS. The scheme proposes to enhance guarantee coverage for MSME loans to 90% from the current 75% (for loans up to Rs.40 lakh) and 80% from 75% (for loans between Rs. 40 lakh to Rs.2 crore). M-TIPB is in the process of developing the data-enabled IT platform to enable an end-to-end digital experience for MSMEs.

b) On-boarding PSUs on Trade Receivables Discounting System (TReDS)

Delayed payments is one of the major issues faced by MSMEs across the country. Under TReDS, MSMEs will be able to obtain a faster bill discounting against Government and PSU procurement in Tamil Nadu. The main objective of the TReDS platform is to address the financing needs of MSMEs along with the issue of delayed payments. This will facilitate improved working capital cycles and a transition to cash flow and revenue-based credit for MSMEs in the State. Steps are also being taken to on-board private sector entities on the platform.

c) Data driven Credit Rating System for MSMEs to generate Credit Score

M-TIPB is developing a Credit Rating System for all MSMEs in the State based on data

already available electronically in various Government databases of the Union and the State Governments. The data will be dynamic, and collected real-time through Application Programme Interfaces (APIs). The Credit rating will yield a credit score, which will help the Department to assess whether the MSME is eligible for coverage under the TNCGS and will also help the eligible MSMEs to secure loans from formal banking channels.

d) Creation of an MSME Database

MTIPB is taking up the creation of a database of industries and MSMEs in the state. Steps will be taken to encourage MSMEs to register on the Udyam database so as to increase the number of MSMEs registered to at least 20 lakh from the current figure of 7.5 lakh.

The database, the first of its kind, would be created and dynamically updated by drawing

information from various existing databases of the Government of India and Government of Tamil Nadu, including the Departments of Electricity, Municipal Administration and Water Supply, Ministry of Corporate Affairs etc.

Information from the database will be used for policy making – i.e., when deciding on clusters and cluster interventions, and rolling out location specific/sector specific interventions etc. Most importantly, the database will help track the extent of financial linkage established (to Micro, Small, and Medium enterprises) and can provide inputs on targeted strategies that need to be put in place to enhance linkages.

6.1.2 Infrastructure Strengthening for MSMEs

M-TIPB has initiated steps to strengthen the infrastructure for MSMEs, so that new businesses can flourish and existing MSMEs can

leverage this infrastructure for their growth and development.

a) Agro Industrial Corridor

The Government has announced an Agro-Industrial corridor with five districts as nodes namely Tiruchirappalli, Thanjavur, Mayiladuthurai, Thiruvarur and Nagapattinam. To encourage the formation of new agro and food processing units in the region and to benefit Farmer Producer Organization (FPOs), initiatives by improving infrastructure of existing industrial estates, formation of new industrial estates, improving access to markets and ports through sufficient transportation facilities and access to electricity are being planned. M-TIPB will prepare a detailed project report (DPR) for the development of the corridor.

b) E-Vehicles and Smart Mobility CFCs

M-TIPB has initiated Request for Proposals (RfPs) for appointment of consultants for developing Detailed Project Reports (DPR) for Smart Mobility and E-Vehicles Common Facility Centre.

6.1.3 Sector Support Initiatives – Coir, Sago and Plastic

Based on the representation of MSMEs across various sectors, it has been observed that the requirements of each sector are unique and distinct. In an effort to better understand sector specific needs and requirements, M-TIPB has undertaken detailed studies and discussions with businesses in the Plastic, Coir, and Sago sectors during 2021-22.

6.1.4 Capacity Building

a) Packaging through Indian Institute of Packaging for GI Products

Five Geographical Indication (GI) products namely, Trichirapalli-Banana, Krishnagiri-Mango; Thanjavur-Doll; Srivilliputhur-Palkova and Kovilpatti-Kadalaimittai have been identified by M-TIPB for development of innovative packaging. In the first phase, the training Programme was completed for Kovilpatti-Kadalaimittai at DIC Thootukudi.

b) Export Facilitation through DGFT

DGFT has conducted a 26 days-training Programme and trained 34 Assistant Engineers in the DICs on the complete process of exports and departmental procedures of the Government for imports and exports. The trained engineers have also been nominated as Export Facilitators

in the districts to extend support to entrepreneurs.

6.2 INVESTMENT PROMOTION

a) MoUs signed with Investors

Several MoUs have been signed between M-TIPB and MSMEs, companies and industries during the Tamil Nadu Export Conclave held in September 2021. M-TIPB is handholding these MSMEs and companies along their investment journey and supporting them in case of any bottlenecks. In order to bolster export promotion, M-TIPB organised Export Conclaves in 29 districts with the Director General of Foreign Trade (DGFT).

b) Ease of Doing Business

M-TIPB commissioned a study, under the aegis of the Expert Committee to identify and recommend steps to improve the ease of doing

business for MSMEs. The Committee has made specific recommendations that will be taken up for implementation with 13 line departments over the course of this year.

6.3 TRADE

Trade for MSMEs comprises promotion, buying and selling of goods and services internally (within the state and country) and externally (internationally). Trade in today's technology-enabled environment, is carried out both in physical mode and online. In line with the same, M-TIPB has proposed to promote trade through adoption of platforms that enable MSMEs with trade.

a) Internal Trade: e-Commerce Avenues

There is a large middle-class market in India that continues to excite global industry players. There is a huge potential for this market

to be explored by MSMEs. An MSME will need to be linked to existing and new markets through both online and physical modes. M-TIPB seeks to facilitate this linkage.

M-TIPB is exploring avenues of partnerships and collaborations with B2B and B2C platforms to enable MSMEs to be sell and market their goods and services online. Collaboration with e-Commerce giants like Walmart (Flipkart) is already in place, and M-TIPB will be taking this forward with several other such platforms and companies over the next few years.

b) Internal Trade: Buyer – Seller Meets

MSMEs often face difficulty in getting empanelled/ on boarded with large buyers such as PSUs, OEMs and other MNCs. To facilitate and enable MSMEs to get empanelled/ on boarded, M-TIPB will organise buyer-seller meets in which

select MSMEs shall have the opportunity to get themselves registered as Tier-III, Tier-II and Tier-I suppliers.

Also, M-TIPB will partner with Guidance Tamil Nadu of Industries Department which is facilitating large industries to invest in the state. By understanding the requirements of large industries, M-TIPB can facilitate MSME meets with the large buyers to secure their vendors during pre-establishment and post-commencement of operations. To ensure efficient linkages and movement, M-TIPB will work initially with ISO/QC certified MSMEs.

c) External Trade: Exports

One of the avenues for growth of MSMEs is exports. The Government is working on promoting the idea of exporting a specific product from each district through the One District One Product (ODOP) scheme. The same

will be expanded under the ambit of M-TIPB by bringing in marketing resources to be used by the MSMEs. In addition, through the analysis of e-way bills, the product generation and consumption locations can be identified by which select interventions can be planned to move some manufacturing bases into Tamil Nadu.

d) External Trade: Global Exposure and Buying Houses

Buying houses are professional service providers who source from multiple sellers and sell to multiple buyers. An MSME would accrue more benefits from such a buying house rather than operating a cost-incurring, self-run marketing department. Therefore, M-TIPB proposes to introduce the concept of buying houses. By providing shared services such as these, more MSMEs can be brought into commercial sustenance. Several MSMEs do not have exposure to global or international best

practices. Through trade shows, exhibitions and visits, MSMEs will be provided the opportunity to learn from the best. Existing schemes for MSMEs shall be re-designed to offer targeted subsidies to ensure that more MSMEs can benefit.

e) Trade Facilitation: Partnerships with Investment Bodies and Trade Forums

M-TIPB is the primary trade facilitation partner for MSMEs. M-TIPB will enable partnerships with global trade forums and investment bodies to bring in more investments and business opportunities for MSMEs. M-TIPB has already initiated discussions with the Consulate Generals of Germany, France and Thailand. More such country engagements are being planned. As part of the engagement with the German Consulate General, three buyer-seller meets were organised with German companies in Tamil Nadu during 2021-22.

f) Working with Stakeholders

M-TIPB is creating a working relationship with associations so as to act as the nodal point of contact for these associations. Cultivating this relationship is an on-going process and to demonstrate impact, M-TIPB is putting in place a mechanism to receive, prioritise and resolve the sector wise representations in a time-bound manner.

g) Efforts to increase Productivity

M-TIPB is developing a platform where experts can register and get empanelled with M-TIPB to offer their services to MSMEs. On a pilot basis, international experts also can be brought in to support select MSMEs and demonstrate scope and potential for improving operational efficiency.

6.4 COVID RELATED SUPPORT

a) Expert Committee for MSME Revival

MSMEs are one of the most adversely affected sectors of the COVID-19 pandemic. MSMEs across the State have been hit by delayed payments, disruption of orders and even closures. To suggest immediate, medium-term and long-term measures required for the revival of MSMEs, an Expert Committee headed by Thiru N. Sundaradevan, I.A.S., (Retired), consisting of industrialists, banking & financial experts and Government officials was constituted. The Committee was assisted extensively by M-TIPB in its deliberations, research and MSME facilitation. The Committee submitted its report to the Government on 16.03.2022.

b) COVID Control Helpline Desk

M-TIPB set up a COVID Helpline Desk during the pandemic on behalf of MSME Department. The helpline assisted MSMEs whose functioning or logistics was impacted during COVID.

7. Tamil Nadu Startup and Innovation Mission (TANSIM)

Tamil Nadu Startup and Innovation Mission (TANSIM) was established in March 2021 as a Section 8 company to focus exclusively on startups and innovation. The mission is committed to nurture innovation, investment in Research & Development, infrastructure, knowledge creation, technology development and making available the required skilled manpower. The resultant is highly scalable entrepreneurial ventures across the spectrum of sectors from emerging new-tech, agriculture, manufacturing, healthcare, climate action, education, livelihood, social enterprises, logistics, construction, urban development and fintech to grass-root innovations and rural development. TANSIM is branded and promoted as StartupTN.

TANSIM is working with the long-term vision of making Tamil Nadu a global innovation hub and the most preferred destination for Startups. In this context, TANSIM will achieve the following broad objectives:

- ❖ Encourage, facilitate and support the emergence of at least 10,000 startups before 2025-26 in the State
- ❖ Implement the policy of Inclusive Mass Entrepreneurship by establishing Regional Hubs to cover every district in the State
- ❖ Systemic integration of futuristic business models and technological advancements into conventional business practices
- ❖ Intensively work with the academic sector with the objective of creating

“mindset change” among the student and parent community to enable conversion of the critical mass of 2% - 5% of them as entrepreneurs

- ❖ Create a global network of investors, mentors and market connectors to energize **the State’s startup ecosystem**
- ❖ Strategically work to position Tamil Nadu on the top of rankings nationally and globally through appropriate Programme, schemes, alliances and partnerships
- ❖ Embrace the rural, marginal, suppressed and other underprivileged sections and provide them with support systems to create a level playing field in the new-age enterprise development ecosystem

- ❖ Work towards creating a conducive ecosystem for both high growth wealth creation ventures and social enterprises to coexist and achieve a balanced socio-economic index

7.1 Regional Startup Hubs in Tamil Nadu

TANSIM proposes to establish 'Regional Startup Hubs' in tier II & III regions of the State. Currently, 60% to 70% of the ecosystem activities are concentrated in Chennai and Coimbatore. As it is imperative that necessary actions are taken to develop other regions, TANSIM will be launching its Regional Startup Hubs in Madurai, Tirunelveli and Erode with the support of the respective district administrations and the local ecosystem stakeholders. These Hubs would function as a nerve center and extend support to the Startup founders of the region with access to funding, mentors, markets

and other growth enabling opportunities. The Regional Startup Hub initiative would greatly help the inclusive mass entrepreneurship policy adopted by TANSIM.

7.2 TANSEED - Seed Fund Grant

TANSEED is a prominent grant scheme under TANSIM, designed and implemented to support early-stage startup companies from various sectors and geographies with a grant of Rs. 10 lakhs. The scheme also allows a matching grant of up to Rs. 50 lakhs for truly deserving companies in case another reputed funding agency is also co-investing equally or with more funds.

The second edition of TANSEED was implemented as a Grand Challenge in August-October, 2021, in which 19 startups were selected by a jury for a total grant of

Rs. 1.9 crore and the first tranche was released by Government.

The third edition of TANSEED was launched on February 25, 2022, and over 30 startups from a wide spectrum of sectors and districts are set to complete in the final stage.

7.3 World-Class Thematic Startup Accelerator Programme

Sector-specific acceleration Programme of startups at different stages to help them grow to the next level will be implemented in association with the respective specialist accelerators. TANSIM proposes to identify national and global organizations to conduct business acceleration Programme for Tamil Nadu based startups. It will help them learn the art & science of building a new-age company and position it on the global market. The accelerator Programme will have specific outcomes to take the participating companies to the next stages of growth.

7.4 Tamil Nadu Startup Ecosystem Report

One of the critical issues at hand is the unavailability of authentic data with regards to the Startup Ecosystem in the State. It is imperative that authentic data is made available for taking any policy and developmental decision. In this context, TANSIM proposes to engage a third-party agency or professional consultants to come out with an authentic annual data report and the same will be systematically updated annually.

The ecosystem report will cover stakeholder details like Startups operating in the State and their stages, startup investments, sector-wise startups, incubators, accelerators, mentors, market connectors, angel investors, venture capital & private equity firms, support services organizations, Government agency details and their schemes, academies, R&D

centers, district wise data and facilities, knowledge resources, ranking, policies and any other potential ecosystem supportive data and information.

7.5 Setting up Fablabs

TANSIM has initiated the process of setting up Fablabs in three engineering colleges under the Directorate of Technical Education (DoTE). TANSIM proposes to establish one Fablab each in these Government Engineering Colleges in Tirunelveli, Salem and Trichy at a proposed cost of Rs.2.20 crore. The proposed Fablabs will be combined with a value-added course called Proto-Sem (prototyping semester) to enable students to get hands-on training for prototyping on appropriate engineering and electronic equipment/platforms. TANSIM will implement this Programme through a partner organization. The Fablabs will also be used by

MSME and the Startup ecosystem in and around the region.

7.6 Bilingual Call Center Facility

A bilingual voice responsive team conversant in Tamil & English will be set up at the TANSIM headquarters with clearly defined standard operating procedures to answer any type of queries from startups and entrepreneurs across the State. The response crew will be equipped with a dynamic information database and seamless escalation systems. This initiative would help startup aspirants, early-stage startups and other stakeholders including investors and mentors to avail specific and customized information that would help their processes at ease. Employing persons with disabilities in the call center would be considered to set an example for social inclusiveness in the Startup system, wherever it is possible.

7.7 StartupTN Annual Mega Event

TANSIM proposes to organize an annual **mega event by the name "StartupTN"**, engaging all the ecosystem stakeholders such as the Government, Startup Founders, Staff members of Startups, Investors, Mentors, Academia, Incubators, Accelerators, Industry leaders, Thought leaders, Students, Parents, Associations, Media and other partners.

The key objectives of this event are: 1) To bring all the stakeholders together, 2) To showcase TN's Startup Ecosystem, 3) To recognize key stakeholders in the ecosystem, 4) To felicitate entrepreneur achievers, 5) To review the entire year's progress, 6) To engage with national and international counterparts, 7) To create market access through the expo, 8) To run speed

meetings to connect investors and mentors,
9) Running parallel pitch fests to investors.

7.8 Gap Analysis Based Incubation Management Course

Tentative data says that there are more than 80 incubators functioning in the State in different sectoral specializations. However, experts opine that the qualitative aspect in these heavily funded incubators is not up to the mark. In order to improve the outcome from these incubators, a detailed case analysis will be done and a customized incubation management course will be designed. It will be delivered along with multiple offline/online interactions and case study exposures with successfully running incubators and accelerators across the world.

7.9 Mentoring Circles

Mentoring is a vital part of the life cycle of building a startup. There are a number of passionate mentors available with in depth expertise in different business functions and sectors, who want to guide aspiring entrepreneurs. On the other hand, startup founders are in search of such mentors, but there is no platform to connect them in the State. TANSIM proposes to build a sub-portal with appropriate features to connect them and help build a progressive mentor-mentee relationship. The regional hubs will also organize periodic mentoring clinics.

7.10 Global Tamil Angels Network

TANSIM proposes to build a 'Global Tamil Angels' sub-portal backed by a professional relationship management team with the objective of onboarding Tamil Angel Investors

from across the globe and helping them channel their investments to appropriate opportunities.

7.11 Ranking and Awards for Colleges and Universities

Inculcating the culture of innovation and entrepreneurship in colleges will be a high priority focus area for TANSIM in association with other departments like EDII and DoTE and major universities. TANSIM will create a framework to rank colleges and universities based on their initiatives and outcomes in promoting innovation and entrepreneurship. A council of experts will be engaged in designing the framework and evaluating the applications.

7.12 Social Impact Investing

TANSIM will support social impact startups. Impact investing focuses on investing in startups that create opportunities for the low-income population. The focus will be on startups

from various sectors such as healthcare, education and sanitation. TANSIM has identified partners like Villgro and ESAF for undertaking long term responsibility to identify eligible startups through a professional process and provide them with systematic acceleration support to scale-up.

7.13 Rural Entrepreneurship with special focus on women

Tamil Nadu is an equal opportunity State in terms of gender. However, the statistics say that the number of women taking up entrepreneurship in rural areas is very low. Exposure to innovation-driven entrepreneurship is almost nil in most of the rural areas. TANSIM proposes to set up panchayat level interventions in association with government organizations, non-profits, social enterprises, incubators and industrial associations to introduce appropriate opportunities and marketing means to sustain

them. A pilot project will be undertaken this year with ESAF, one of our partner organizations.

7.14 Direct Public Procurement

The State Government has recently announced that all government departments and public sector undertakings will be allowed to directly procure innovatively manufactured products valued at up to Rs.50 lakhs from Start-ups. This will improve market access for Start-ups with government departments. TANSIM will bridge the gap by sensitizing Start-ups on these opportunities to maximize opportunities for Start-ups while addressing the requirement of the government in a cost-effective manner.

7.15 SC/ST Start-up Fund

The Tamil Nadu Government announced an exclusive corpus fund of Rs.30 crore for the financial year 2022-23 to support Start-ups

founded by members from the Scheduled Caste and Scheduled Tribe (SC/ST) Communities. This programme will be implemented by TANSIM and detailed guidelines are being prepared.

T.M. ANBARASAN
**Minister for Micro, Small
and Medium Enterprises**

Annexure-1

INDUSTRIAL ESTATES CURRENTLY MANAGED BY TANSIDCO						
S. No.	District	S. No	Location	Govt. (OR) SIDCO	Year of formation	Total Extent in Acres
1	Chennai	1	Guindy	Govt.	1958	404.08
		2	Arumbakkam	SIDCO	1979	3.92
		3	Villivakkam	SIDCO	1979	2.04
		4	Kodungaiyur	SIDCO	1979	7.88
		5	Perungudi	Govt	1974	112.55
		6	Thiruvanmuyur	Govt	1967	28.91
		7	Ambattur	Govt.	1963	1167
2	Tiruvallur	8	Kakkalur	Govt.	1988	328.13
		9	Thirumazhisai	SIDCO	1988	160.85
		10	Gummidipoondi	SIDCO	1988	25.24
		11	R.K.Pet	SIDCO	1996	8.15
		12	Vichoor	SIDCO	1994	59.16
		13	Thirumullaivoil(WI P)	SIDCO	2001	246.07
3	Chengalpet	14	Sengarai	SIDCO	2017	36.25
		15	Maraimalainagar	SIDCO	1981	39.50
		16	Alathur (Pharma)	SIDCO	1984	150.49
		17	Alathur(Phase-II)	SIDCO	2022	29.71
4	Kancheepuram	18	Thandarai	SIDCO	2017	44.30
		19	Kancheepuram	Govt.	1968	37.95
		20	Thirumudivakkam (Main)	SIDCO	1993	201.11
		21	Thirumudivakkam (Micro)	SIDCO	2013	5.262
		22	Thirumudivakkam (WIP)	SIDCO	2002	11.48
5	Ranipet	23	Thirumudivakkam Phase-II	SIDCO	2017	22.44
		24	Arakkonam	Govt.	1968	51.74
		25	Ranipet	SIDCO	1972	113.44
		26	Mukuntharaya puram	SIDCO	1980	86.19
		27	Vannivedu	SIDCO	1987	16.44
28	Mulluvadi & Nagaleri	SIDCO	2020	20.00		

6	Thirupathur	29	Vinnamangalam	SIDCO	2009	10.49
		30	Vaniyambadi	SIDCO	2013	7.08
		31	Minnur	SIDCO	2014	10.00
7	Vellore	32	Katpadi	Govt.	1968	19.48
8	Tiruvanna- malai	33	Tiruvannamalai	Govt.	1968	15.56
		34	Periyakolapadi	SIDCO	2022	13.75
9	Krishnagiri	35	Krishnagiri	Govt.	1965	41.86
		36	Uthangarai	SIDCO	1995	41.28
		37	Hosur	Govt.	1974	12.34
		38	Hosur (SIPCOT)	SIDCO	1976	95.15
		39	Hosur (New)	SIDCO	1999	24.41
		40	Bargur	SIDCO	1995	31.64
10	Dharmapuri	41	Pollupalli	SIDCO	2009	60.96
		42	Dharmapuri	Govt.	1965	20.28
		43	Kadagathur	SIDCO	2009	7.02
		44	Parvathanahalli	SIDCO	2014	29.89
11	Salem	45	Echampadi	SIDCO	2017	50.46
		46	Salem	Govt.	1967	19.55
		47	Mettur	Govt.	1967	184.38
		48	Karuppur WIP	SIDCO	2004	51.24
		49	Veerapandi	SIDCO	1993	9.79
		50	Koranampatti	SIDCO	2017	16.61
12	Namakkal	51	Sooramangalam	Govt.	1986	27.5
		52	Periyaseeragapadi	SIDCO	2022	18.02
		53	Namakkal	SIDCO	1977	10.09
		54	Thiruchengodu	SIDCO	1980	9.18
		55	Vettambadi	SIDCO	2014	15.34
13	Erode	56	Rasampalayam	SIDCO	2022	12.72
		57	Erode	Govt.	1959	25.13
		58	Nanjaiuthukuli	SIDCO	1995	13.05
14	Coimbatore	59	Perundurai	SIDCO	2017	49.47
		60	Kurichi	Govt.	1972	88.43
		61	Malumichampatti	SIDCO	1994	36.14
15	Tiruppur	62	Kalapatti	Govt.	1972	13.46
		63	Ganapathi palayam	SIDCO	1993	17.10
		64	Tiruppur	SIDCO	1978	10.14
		65	Gudimangalam	SIDCO	1992	6.74
16	Nilgiris	66	Rasathavalasu	SIDCO	2011	51.80
		67	Ooty	SIDCO	1981	10.65

17	Cuddalore	68	Cuddalore	Govt.	1971	15.60
		69	Vadalur	Govt.	1972	26.22
		70	Periyanesalur	SIDCO	2015	90.80
		71	Vridhachalam	Govt	1961	41.53
18	Villupuram	72	Patanam	SIDCO	2014	60.57
		73	Venmaniathur	SIDCO	2011	36.82
19	Kallakurichi	74	Kattuvannanjur	SIDCO	2014	42.00
		75	Asanur Phase I & II	SIDCO	2009 & 2015	212.83
20	Perambalur	76	Elambalur	SIDCO	2009	44.48
21	Ariyalur	77	Mallur	SIDCO	2014	25.34
22	Thanjavur	78	Thanjavur	Govt.	1968	21.94
		79	Kumbakonam	Govt.	1968	32.30
		80	Pillaiyarpatti	SIDCO	1974	10.96
		81	Nanjikkottai	SIDCO	1996	26.30
		82	Palayapatti	SIDCO	2012	104.37
23	Naga-pattinam	83	Nagapattinam	Govt.	1966	20.97
24	Mayiladu-thurai	84	Mayiladuthurai	SIDCO	2009	12.56
25	Tiruchirappalli	85	Thuvakudi	Govt.	1974	478.38
		86	Thiruverumbur	Govt.	1974	74.50
		87	Ariyamangalam	Govt.	1974	17.64
		88	Kumbakudy	SIDCO	2009	24.46
		89	Valavanthaan kottai (WIP)	SIDCO	2003	51.70
		90	Valavanthankottai	SIDCO	2008	179.02
26	Karur	91	Karur (Vellalapatti)	Govt.	1974	26.63
		92	Karur(Athur)	SIDCO	1993	36.29
		93	Punjaikalakurichi	SIDCO	2016	52.076
27	Pudukottai	94	Pudukottai	Govt.	1974	23.18
		95	Pudukottai (SIPCOT)	SIDCO	1988	51.45
		96	Mathur	SIDCO	1975	26.00
		97	Mathur (New)	SIDCO	2013	19.92
		98	Alangudi	SIDCO	2022	7.65
28	Theni	99	Theni	Govt.	1963	26.59
		100	Andipatti	SIDCO	1994	22.34
		101	Marikundu	SIDCO	2017	79.40
29	Dindigul	102	Dindigul	Govt.	1965	39.91
		103	Batlagundu	Govt.	1965	16.26

30	Madurai	104	K.Pudur	Govt.	1960	56.05
		105	Kappalur	Govt.	1966	535.64
		106	Kappalur WIP	SIDCO	2008	35.37
31	Ramanathapuram	107	Paramakudi	SIDCO	1976	10.00
		108	Keelanagachi	SIDCO	1993	10.00
		109	Urapuli	SIDCO	1993	12.14
		110	Sakkaraikottai	SIDCO	2017	100.00
32	Sivaganga	111	Karaikudi	Govt.	1966	180.19
		112	Sivaganga	Govt.	1966	70.61
		113	Kirungakottai	SIDCO	1993	21.85
33	Virudhunagar	114	Virudhunagar	Govt.	1958	45.65
		115	Rajapalayam	SIDCO	1995	41.13
		116	Virudhunagar (Urban)	SIDCO	2013	37.54
34	Thenkasi	117	Kadayanallur	SIDCO	1992	10.00
		118	Kurukkalpatti	SIDCO	2019	68.80
35	Thirunelveli	119	Pettai	Govt.	1959	50.55
		120	Valliyur	SIDCO	2005	39.91
		121	Gangaikondan	SIDCO	2020	89.92
36	Thoothukudi	122	Kovilpatti	Govt.	1962	85.54
		123	Thoothukudi (Ph-I)	SIDCO	1988	9.72
		124	Thoothukudi (Ph-II)	SIDCO	2003	14.46
		125	Pidaneri	SIDCO	2016	108.23
37	Kanyakumari	126	Konam	Govt.	1964	20.70
		127	Marthandam	Govt.	1964	7.50
		Total				8341.56

ANNEXURE – 2
Completed CFC Projects under MSE-CDP Scheme of
Union Government

(Rs. in crore)

Sl. No.	Cluster name	Project cost of CFC	Union Govt., grant	Govt. of TN grant	SPV contribution	Bank loan
1	Wet Grinder, Coimbatore	2.88	0.99	0.17	1.73	0.00
2	Sago & Starch, Salem	0.92	0.73	0.00	0.19	0.00
3	Safety Matches, Gudiyatham	1.56	0.86	0.11	0.25	0.35
4	Safety Matches, Virudhunagar	1.56	0.86	0.11	0.25	0.35
5	Safety Matches, Srivilliputhur	1.56	0.86	0.11	0.25	0.35
6	Safety Matches, Sattur	1.56	0.86	0.11	0.25	0.35
7	Safety Matches, Kazhugumalai	1.56	0.86	0.11	0.25	0.35
8	Safety Matches, Kovilpatti	1.56	0.86	0.11	0.25	0.35
9	Ceramic, Vridhachalam	0.83	0.43	0.10	0.18	0.11
10	Coir, Sivaganga	6.59	5.00	0.66	0.93	0.00
11	Rice Mill, Keelapavoor	6.91	4.66	0.69	1.46	0.10
12	Auto components Hosur	6.91	4.39	0.71	1.05	0.75
13	Printing, Krishnagiri	11.73	9.64	1.00	1.08	0.00
14	Rice Mill, Alangulam	7.87	5.50	0.79	0.84	0.74
15	Steel Product Fabrication Cluster, Salem	16.33	12.78	1.00	2.55	0.00
16	Rice Mill, Thanjavur	2.12	1.00	0.40	0.21	0.50
17	Plastic Cluster, Kancheepuram	14.85	10.27	1.00	2.58	1.00

Sl. No.	Cluster name	Project cost of CFC	Union Govt., grant	Govt. of TN grant	SPV contribution	Bank loan
18	Printing, Sivakasi	13.15	7.68	0.91	1.80	2.76
19	Gold Jewellery, Madurai	3.56	2.56	0.29	0.40	0.31
20	Engineering, Paramakudi	4.99	3.74	0.23	0.54	0.48
21	Stainless Steel Utensils cluster, Kumbakonam	1.26	0.99	0.08	0.20	0.00
22	Garment Cluster (Women), Dhalavaipuram	1.04	0.74	0.09	0.21	0.00
23	Coir, Erode	5.93	4.04	0.48	0.60	0.79
24	Engineering Ambattur	11.24	8.05	0.54	1.15	1.50
25	Gold Jewellery, Tiruchirappalli	3.60	2.88	0.36	0.36	0.00
26	Engineering Ranipet, Vellore	9.27	6.16	0.97	1.09	1.04
	Total	141.34	97.39	11.13	20.65	12.18

ANNEXURE – 3
On-going CFC Projects Under MSE – CDP Scheme

(Rs. in crore)

S. No	Cluster name	Project cost	Union Govt., grant	Govt. of TN grant	SPV contribution	Bank loan
1	Brick Cluster, Thirunelveli District	2.27	1.23	0.23	0.30	0.52
2	Power and Auto Loom Cluster, Salem District	13.34	8.86	0.99	1.62	1.87
3	Gate & Grill cluster, Thirumullaivoyal, Tiruvallur District	3.45	1.98	0.90	0.57	0.00
4	Safety Match Cluster, O.Mettupatty, Virudhunagar District	3.47	2.05	0.36	0.43	0.64
5	Textile Knitting Cluster, Tiruppur District	15.34	8.34	3.00	4.00	0.00
6	Furniture Cluster, Salem District	14.46	10.67	1.89	1.89	0.00
7	Lorry Body Building Cluster, Namakkal District	16.53	12.82	1.86	1.86	0.00
8	Apparel Cluster, Tiruppur District	16.25	8.57	3.00	4.68	0.00
9	Print and Pack Products Cluster, Hosur, Krishnagiri District	13.95	11.04	1.39	1.52	00.00

10	Fabrication Cluster (Agriculture Implements), Elambalur, Perambalur District	12.19	9.31	1.22	1.26	0.40
11	Weaving Cluster, Perundurai, Erode District	18.68	9.63	1.87	7.18	0.00
12	Power Loom Cluster, Rasipuram, Namakkal District.	20.09	11.99	2.51	5.59	0.00
13	Design Cluster, Tiruppur District	14.67	9.79	1.47	3.41	0.00
14	Sweater Cluster, Coonoor, Nilgiris District	2.84	2.27	0.28	0.28	0.00
15	Power Loom Cluster, Palladam, Tiruppur District	17.59	11.52	1.76	4.31	0.00
16	Printing Cluster, Salem District	13.47	10.76	1.35	1.35	0.00
17	Gold Jewellery cluster, Thirunelveli, Tirunelveli District	7.48	5.99	0.75	0.75	0.00
	Total	206.07	136.82	24.83	41.00	3.43

ANNEXURE – 4
New CFC Projects recommended / to be recommended to
Union Government under MSE–CDP Scheme
(Rs. in crore)

S. No.	Cluster name	Project cost of CFC	Union Govt., Grant	Govt. of TN grant	SPV contribution
1	Textile Printing, Tiruppur Tiruppur District	14.67	11.85	1.00	1.82
2	Gold Jewellery Cluster, Chennai District	10.32	8.25	1.03	1.03
3	Gold Jewellery Cluster, Coimbatore District	15.30	11.81	1.53	1.96
4	Green Cardamom Cluster, Theni District	14.26	11.28	1.43	1.55
5	Leather Cluster, Chrompet, Chennai	20.00	13.00	2.00	5.00
6	Printing Cluster, Arcot, Ranipet District	14.11	11.03	1.41	1.67
7	Photography Cluser, Urapakkam, Chengalpet District	8.62	6.90	0.86	0.86
8	Card Board Printing Cluster, Tiruppattur District	13.58	10.72	1.36	1.51
9	Coir Cluster, Dindigul District	22.02	17.61	2.20	2.20
10	Printing Cluster, Villuppuram District	15.45	12.36	1.54	1.54
11	Food Cluster, Kanyakumari District	8.00	6.00	0.80	1.20
12	Coir Cluster, Pollachi, Coimbatore District	23.73	14.00	2.00	7.73
13	Precision tooling Cluster, Hosur	16.77	13.31	1.68	1.78
	Total	196.83	148.12	18.84	29.87

ANNEXURE – 5
Completed CPI Project

(Rs. in crore)

S. No	Name of the Project	Project cost	GoTN grant
1	M/s Tiruppur Corrugated Box Cluster	3.90	2.50

On-going CPI Projects

(Rs. in crore)

S. No	Name of the Project	Project cost	GoTN grant
1	Setting up of Common Facility centre at Erode Industrial Estate, Erode District	6.52	2.33
2	Setting up of Common Facility centre at Kakkalur Industrial Estate, Thiruvallur District	4.64	2.33

3	Setting up of Common Effluent Treatment Plant at Thirumudivakkam Phase-I Kancheepuram District	2.60	1.80
4	M/s. Silver Anklets Consortiums (P) Ltd, sivadhapuram, Salem District	2.50	1.75
5	M/s. Coimbatore Plastic Recycle Cluster Private Limited Appanaickenpattipudur Sulur Taluk, Coimbatore District	4.00	2.50
6	M/s.Kovai Moulds & Plastics Private Limited, Coimbatore District.	4.44	2.50
7	M/s.Kongu Precision Components Private Limited, Coimbatore District.	4.76	2.50
8	Safety Match Cluster, Kudiyatham, Vellore District.	3.62	2.50
9	Jewellery Hall Marking Cluster, Coimbatore	3.82	2.50
	Total	36.90	20.71

**MICRO, SMALL AND MEDIUM ENTERPRISES DEPARTMENT
BUDGET ESTIMATE
DEMAND NO.44**

(Rs. in Thousands)

Major Heads	Budget Estimate 2021-2022	Revised Estimate 2021-2022	Budget Estimate 2022-2023
2425-CO-OPERATION	4	0	0
2851-VILLAGE AND SMALL INDUSTRIES	5953307	6797621	7685241
2852-INDUSTRIES	161449	188114	1185521
3451-SECRETARIAT ECONOMIC SERVICES	41497	48986	51571
4059-CAPITAL OUTLAY ON PUBLIC WORKS	6500	6970	0
4851-CAPITAL OUTLAY ON VILLAGE AND SMALL INDUSTRIES	6	18645	50002
6851-LOANS FOR VILLAGE AND SMALL INDUSTRIES	0	0	142685
7610-LOANS TO GOVERNMENT SERVANTS ETC.,	1500	3000	1
Total	6164263	7063336	9115021



Tamil Nadu Export Conclave

MoUs were signed in the presence of Hon'ble Chief Minister between Government of Tamil Nadu and 10 export oriented MSME entrepreneurs for investment of Rs.240 crore during Tamil Nadu Export Conclave held at Chennai on 22.09.2021



Women Industrial Estate

Hon'ble Chief Minister visited an export oriented Garment unit functioning at Women Industrial Estate, Karuppur, Salem on 29.09.2021



INDCOSERVE

Hon'ble Chief Minister flagged off 20 Tea Vandi of INDCOSERVE on 15.12.2021



TANSEED Scheme for Start-ups

The Hon'ble Chief Minister handed over cheques to the tune of Rs.95.00 lakh to 19 Start-ups, each at the rate of Rs.5 lakh under TANSEED Scheme of TANSIM in a ceremony at the Secretariat on 21.12.2021



Tamil Nadu Credit Guarantee Scheme (TNCGS)

MoU was signed in the presence of Hon'ble Chief Minister between Government of Tamil Nadu and CGTMSE for developing an end-to-end electronic platform for TNCGS in a ceremony at the Secretariat on 16.03.2022



A Coffee Beans Processing unit assisted under NEED Scheme, Dindigul District



A Tea Manufacturing unit assisted under Capital Subsidy Scheme, The Nilgiris District



A Hosiery Garments Manufacturing unit assisted under Payroll Subsidy Scheme, Vellore District



A Leather Garments unit assisted under Q-Cert Scheme, Chennai District



A Shoe Upper Manufacturing unit assisted under PEACE- Energy Audit Scheme, Vellore District



A Plastic Waste Recycling unit assisted under incentive scheme for IPR (Patent), Ramanathapuram District



A Vegetable Processing unit assisted under Reimbursement of Stamp Duty and Registration Charges, Dharmapuri District

PLUG AND PLAY FLATTED FACTORY COMPLEX AT GUINDY INDUSTRIAL ESTATE



Construction of Proposed Plug and Play Flatted Factory complex at Guindy Industrial Estate

Project Cost	:	Rs.90.13 Crore
No. Of. Floors	:	6
Build up Area	:	1,97,024 Sq.ft.
No.of. Modules	:	152



Formation of New Industrial Estate at Periakolapadi, Thiruvannamalai District

