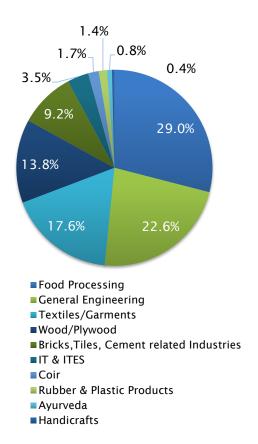


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Kerala MSMEs Sector Overview

As per Directorate of Industries & Commerce, Government of Kerala there are more than 1.6 lakh working MSMEs in manufacturing sector. Nearly 47% of total MSME units formed in last 5 years and this sector employs over 8.7 lakh persons with cumulative

investments over 896 crore



Financial Support to MSMEs

MSME Advances (SLBC data as per ER 2021)

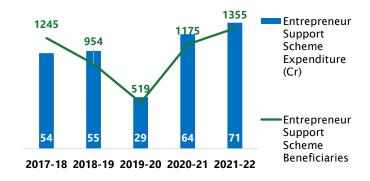
Total

Banking Sector

Rs. 62,141 Cr



Under various financial schemes of KSIDC INR 429 Cr of loans were disbursed to 132 MSMEs in 2021-22. Under the State's flagship Entrepreneur Support Scheme, more than 5,200 units were assisted with over ₱ 273 Crore disbursed to MSMEs, since 2014.



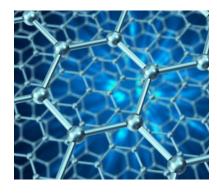
TReDs Notification to be advantageous to MSMEs

The State Cabinet has approved the implementation of the Trade Receivables Discounting System (TReds) platform for micro, small, and medium-sized firms (MSMEs), which will allow them to be paid quickly for goods and services supplied. Government departments, public sector firms, companies, local self-government organisations, societies, and cooperatives would be able to pay invoices for MSMEs via the platform as a result of the notification. TReDS was hailed by MSMEs as a significant step forward in assisting them. The system's success, however, is dependent on the financial soundness of the institutions involved.



India's First Graphene Innovation Centre in Kerala

Government of Kerala in association with Ministry of Electronics and IT initiated research on the potential of graphene to revolutionize the future. Kerala Government takes a remarkable step towards innovation and grants 15 crores in the budget for India Innovation Centre for Graphene.



Graphene is a futuristic technology that could open up new markets and replace existing technologies or materials. It can be used to improve an existing materials or transformational adaptations to unveil its true potential. One of the most effective ways of harnessing the potential of graphene is to combine it with existing products to generate composite materials. For example, by combining graphene with paint it can help in preventing the deterioration of ships and cars through rust.

Key sectors foreseeing graphene use: Automotive & Transportation, Energy Storage, ESDM, Aerospace & Defense, Biomedical Technologies, EV, Composite and Coating, Water and Waste Management, Solar Panel, Electronics etc.

Research and Innovation

- Graphene and other 2D material and its composite technology
 Graphene optoelectroni
- Graphene optoelectron c products, smart integrated devices on flexible/ transparent substrates, etc.

Common Facility Centre

- The infrastructure and central facilities required for 2D materials
 Skill-based
- program for training at least 500 Entrepreneur s and technicians
- Testing & validation facility

Graphene devices

- Developmen t of devices
- Collaboratin g with institutes/ industries through Grant challenge

Incubation Centre

- An incubator facility with at least 10 SMEs/Entre preneurs.
- Design, development and research consultancy to 50 SMEs

Grants

- Technology transfers of at least 10 commercializ ation ready products to industry Grand Challenge for 10 products targeted at graphene
- devicesInnovation grantsAnnually generate at

least 4 IPs

Capacity building

•Provide different training programmes courses on graphene devices and 2D materials •Training on machineries and tool design

Steps taken by Kerala to gain early-mover advantage

- Government of Kerala in association with Ministry of Electronics and IT initiated research on the potential of graphene to revolutionize the future.
- TATA Steel is the industrial partner and Digital University is the implementing agency.
- State has allocated 15 crores in the budget for the research to develop and establish the institute.
- The major collaborators for the Centre include scientists from the National Graphene Institute, University of Manchester, and various industry partners across the world.
- The Centre offers students, researchers, and start-ups to test and experiment new innovative products and graphenebased product development.

Sector Focus - Electric Vehicles

- The India EV market was valued at USD 5.475.24 million in 2020
- EV market is expected to reach USD 17,014.9 million by 2026, growing at a CAGR of 23.47% over the forecast period.
- In FY22, share of EV in overall vehicle sales reached 3.2%
- Electric 2-wheelers and 3-wheelers account for >90% sales in numbers
- 10,66,609 EVs registered since FY12
- 14.8 M EVs sales expected by FY30



Kerala EV Policy 2019 - Key Highlights

Target	10,00,000 electric vehicles on road by 2022
	Pilot fleet of 200,000 2-wheelers, 50,000 3-wheelers, 1000 good carriers, 3000 buses and 100 ferry boats by 2020
	100% electric buses by 2025
Term of policy	5 years
Charging Infrastructure	DC chargers (>=100V): 25% capital subsidy of the fixed capital investment up to INR 10 lakhs for the first 100 stations DC chargers (< 100V): 25% capital subsidy of the fixed capital investment up to INR 30,000 for the first 300 stations Other: 25% capital subsidy of fixed capital investment for up to INR 10 lakhs for the first 50 BS stations
Consumer	Capital subsidy of 25% (up to INR 30,000) for 3 W 100% Registration Fee Exemption 100% Road Tax Exemption

Key Features Plan for mandating certain cities to convert all 4W as EV by enforcing them as 'Pollution free Zone'

Mandate for DISCOM to set-up charging station and battery swapping station in PPP mode

Plan to set-up fund for technology acquisition

'Electric Mobility Zone' in certain pilot region such as tourist villages/spots, technology hubs

EV parks with plug and facility



Kerala Pavilion in AAHAR 2022

organized by APEDA

17 Entrepreneurs representing various sectors including food processing and technology participated in the 36th Edition of AAHAR 2022 organized in Pragati Maidan, New Delhi. Kerala is the only state which facilitated the participation of entrepreneurs without any additional costs.

Minister of Industries, law & coir P. Rajeeve visited the Kerala Pavilion and offered full support to the entrepreneurs for the development of the MSME sector in Kerala encouraging promotion of the products across the world.



GET ALL YOUR APPROVALS AT ONE GO

K-SWIFT

Single Window Interface for Fast & Transparent Clearance

Registered Entrepreneurs 39349

Total Common Application Form

5340

Proposed employment

MSME Clearances 18974

More features planned during launch of KSWIFT 3.0: Integration of more services from FSSAI, CZMA, Drugs Control, Health, etc. and launch of KSWIFT Mobile App