



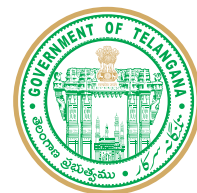
Shri K Chandrashekar Rao
Hon'ble Chief Minister



Shri K T Rama Rao
Hon'ble Industries Minister



Annual Report 2020-2021



Industries & Commerce Department
Government of Telangana
Hyderabad, India

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From the Minister's Desk

We have been facing unprecedented times since last year due to Covid pandemic, which has affected the entire globe. The pandemic has also struck hard on the economy due to multiple lockdowns and various restrictions. Telangana's GSDP in 2020-21 was recorded at Rs. 9.78 lakh Crores, denoting a growth rate of (+) 1.35% compared to previous year at current prices. The growth rate was lower than previous year's, however, the fall was not as sharp as India's at (-) 3.8%. This clearly highlights the resilience of Telangana's economy.

Although, the pandemic has been a difficult time for everyone, it has been particularly hard on industries due to several lockdowns and restrictions imposed since March 2020. However, Telangana Government, which has always championed the cause of industries, was one of the first to allow industries to continue their production May 2020 onwards even while restrictions continued in other states. Telangana Government actively implemented the Government of India AtmaNirbhar packages for MSMEs and additionally also executed several relief measures from State side.

Similar to previous years, Telangana has continued to perform well on national and international rankings. Telangana ranked third in the Ease of Doing Business rankings for 2019 and fourth in the India Innovation Index released by NITI Aayog. Hyderabad ranked No. 1 in FDI's Aerospace Cities of the Future 2020-21 and was also adjudged as the best city to live and work in India by Holidify.com. In addition, Hyderabad bagged three Smart Cities India (SCI) awards by ITPO at 6th Smart Cities India Expo under categories- green and clean city, smart waste disposal and startup. Hyderabad was also selected by WEF as 1 of 36 global cities to pioneer roadmap for Smart cities.

The flagship TS-iPASS initiative has attracted cumulative investments of over two Lakh Crores providing employment to more than 15 lakh people in the previous six years. Telangana State Infrastructure Development Corporation has developed several new industrial parks in the previous year. Invest Telangana, the investment promotion arm of Telangana Government, launched a website to continue its efforts during the pandemic and reach out digitally to prospective investors.

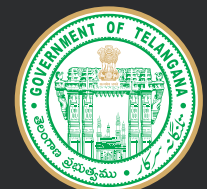
The Pharma and Lifesciences sector has made significant contributions by manufacturing life-saving drugs, developing RT-PCR kits and vaccines for fighting Covid-19. Food Processing sector continued to show robust growth with the launch of two new food processing parks and several investments by companies such as Monin, Hatsun, Agasthya Super Foods, RICHs etc. Handlooms and Textiles sector has actively been supporting the weaving community by engaging them in production of cloth masks, providing support for revival of dying weaves and e-marketing of handloom products through TSCO and Flipkart Samarth portals.

Aerospace and Defence sector showed continued growth and attracted repeat investments from Boeing, Safran and others. State launched its Electric Vehicle Policy in 2020 and also signed several investment MoUs with companies such as Mytrah Energy, Olectra, ETO Motors, Etrio, ARAI and others. Recently, Toy sector has been identified as an upcoming sector by GOI and Telangana has a great potential for becoming a Toys hub of traditional, STEM, electronics and soft toys due to its prominence in traditional toys, electronics sector and cotton production.

The year 2020 also saw many collaborations to support people and companies during pandemic, such as partnership with SAP, Sapio Analytics and BSE SME Index for supporting MSMEs. KiranaLinker initiative served the dual purpose of supporting both kirana stores as well as general public during the lockdown. Research and Innovation Circle of Hyderabad (RICH) led the launch of Hyderabad Mega Science and Technology cluster initiative in collaboration with the Office of Principal Scientific Adviser to GOI, which will bolster scientific collaboration in Hyderabad.

The Government is cognizant of the fact that Covid-19 restrictions have been particularly tough on the industries, especially on MSMEs, and the economic growth has slowed down since last year. However, we must try our utmost to continue the positive growth momentum built over the last few years, even while following all safety protocols and taking care of the needs of our workforce. Our Government is working on all fronts to ensure that lives and economy swiftly return back to normal. I look forward to your positive support in the year ahead

Shri K T Rama Rao
Minister for Industries & Commerce
Government of Telangana



Key Achievements

Telangana has been ranked third in the nation-wide Ease of Doing Business (EoDB) rankings for the year 2019

Hyderabad tops the chart as the best city to live and work in India, in a survey conducted by Holidify.com

Hyderabad bags three Smart Cities India (SCI) awards by India Trade Promotion Organisation (ITPO) at the 28th Convergence India 2021 International Exhibition and 6th Smart Cities India Expo, in the categories – green and clean city, smart waste disposal and startup

Hyderabad selected by World Economic Forum (WEF) as one of four Indian cities to pioneer roadmap for Smart cities. WEF has selected 36 cities from 22 countries to pioneer a new global policy roadmap for smart cities developed by the G20 Global Smart Cities Alliance

Telangana ranks 4th in performance in the India Innovation Index report released by NITI Aayog under the major States category

Hyderabad leads the chart in receipt of applications and sanctions under the PM SVANidhi Scheme for extension of loans to street vendors, among the cities with over 40 lakh population

Hyderabad ranked number one in the third and latest edition of fDI's Aerospace Cities of the Future 2020/21 rankings, under the category of 'Top 10 Aerospace Cities in Cost-Effectiveness' by fDI intelligence, a division of Financial Times Group

Hyderabad warehousing demand grows at 41% CAGR in last 3 years according to Knight Frank. Hyderabad's warehousing market witnessed 3.4 mn sq ft leasing activity in FY2020 and showed the highest developmental potential amongst top eight cities in India

Hyderabad Airport has bagged Airports Council International (ACI) Airport Service Quality (ASQ) award for 2020, as the 'Best Airport by Size and Region' in Asia-Pacific region in its category of 15-25 Million Passengers Per Annum (MPPA)

Three startups from Telangana have won the National Startup Awards 2020. Skyroot Aerospace and Dhruva Space emerged winners in the space category while Cornext Agri Products was the winner in agriculture, all headquartered in Hyderabad

Kaveri Seeds, Hyderabad-based seed company, has been featured in this year's edition of Forbes, Asia's Best Under A Billion. Set up in 1976 by G V Bhaskar Rao, the company has been a part of "Forbes Asia's Best Under a Billion List" five times earlier too in the years 2010, 2011, 2012, 2013 and 2015

Key Achievements

Recent Developments

Laxai Life Sciences

Hyderabad-based integrated pharmaceutical company Laxai Life Sciences plans to invest Rs 400 crore in R&D, technology and expanding manufacturing capacity in the next 3-4 years in Telangana. Currently, they have two facilities in Jeedimetla and Pashamylaram. 90% of the company's contract research revenues come from overseas markets and bulk of the manufacturing activity is also focused on catering to the US and European markets.



MassMutual

US-based 'Fortune 500' life insurer Massachusetts Mutual Life Insurance Company (MassMutual) announced opening of a Global Capacity Centre (GCC) in Hyderabad with an investment of Rs. 1,000 Crores. This will be the first centre of the 170 year old company outside US and is being developed on 1,50,000 square feet leased space at Vamsiram's BSR IT SEZ in Financial District. The site is positioned to attract global talent in technology, engineering, and R&D. The company chose Hyderabad following a market analysis indicating a strong talent pool, favorable infrastructure and easily accessible enablement services.

Hindustan Sanitaryware & Industries Limited

HSIL is ready to invest Rs. 320 Crores in two units in Telangana. Of this, Rs. 220 Crores will be invested in AGI Glaspac to manufacture specialty glass in Bhongir and Rs. 100 Crores will be invested in pipes and fittings unit at Sangareddy.

Granules India and Laurus Labs

Hyderabad has attracted two major investments in Genome Valley. Granules India is investing Rs 400 crore to set up a finished dosages unit while Laurus Labs is investing Rs 300 crore for a formulations manufacturing facility. Granules India will generate about 1600 employment.



Ester Filmtech

Ester Filmtech, one of India's leading producers of polyester films, engineering plastics and speciality polymers will set up Rs. 1,350 Cr. manufacturing plant in Telangana with a direct employment potential of 800 people. Minister Shri. K T Rama Rao formally announced this during a virtual meeting with Ester Chairman Arvind Singhania in August. Ester Filmtech plans to export 30 to 40 per cent of its production, which will help establish Telangana's footprint on the global flexible packaging map.



Medha to set up rail coach factory in Telangana

Medha Servo Drives, a Hyderabad-based diversified firm, laid the foundation for setting up a rail coach factory in Telangana at an investment of Rs 1,000 crore. The facility will manufacture coaches, locomotives, inter-city train sets, metro trains and monorail, with a production capacity of 500 coaches and 50 locomotives per year. The factory is expected to create 1,000 direct and 1,200 indirect jobs.



Trouw Nutrition

Trouw Nutrition, the animal nutrition division of Dutch global company Nutreco, is now set with its technologically advanced, first-of-a-kind greenfield project in Jadcherla (Hyderabad), India. Nutreco, with its two reputed brands, Trouw Nutrition and Skretting, is a global leader in animal and aqua nutrition bringing innovative feed specialties, feed additives, premixes and nutritional services. The establishment is expected to deliver superior quality minerals, vitamin premixes, mineral blends and feed safety solutions for customers in South Asia, catering to all species – poultry, dairy, aqua and pets. The virtual inauguration of this high-end industrial facility was honoured by the ambassador of Netherlands, Mr Marten Van den Berg.



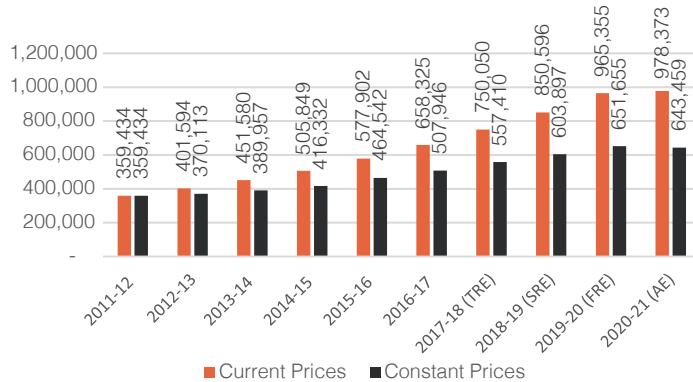
AGI Glaspac

AGI Glaspac, packaging products arm of HSIL is setting up a greenfield facility to make specialty glass at Bhongir, Telangana with an investment of Rs 220 crore. The unit that will be commissioned by early 2022 will generate 4,000 jobs. The company has so far invested Rs 1,500-1,600 crore in its facilities in Telangana and is keen to invest further, driven by the ecosystem enabled by the State government. The specialty glass facility will have a manufacturing capacity of 154 tonnes per day and five manufacturing lines spread across 15 acres. The company will focus on exports to the US, Australia, and a few markets in Europe.



Growth

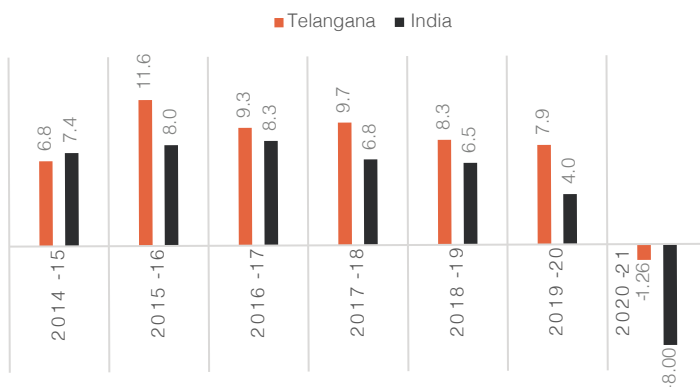
Gross State Domestic Product at Current and Constant Prices



The resilience was led by the agriculture and allied sectors, which grew by 20.9%, dwarfing the 3% growth at the national level. The industrial sector growth (including mining sector) contracted by 5.6%. Despite this, the state still fared better than the country, where the sector contracted by 8.2%. Finally, the services sector is estimated to contract 4.9% in 2020-21, compared to a national contraction of 8.1%.

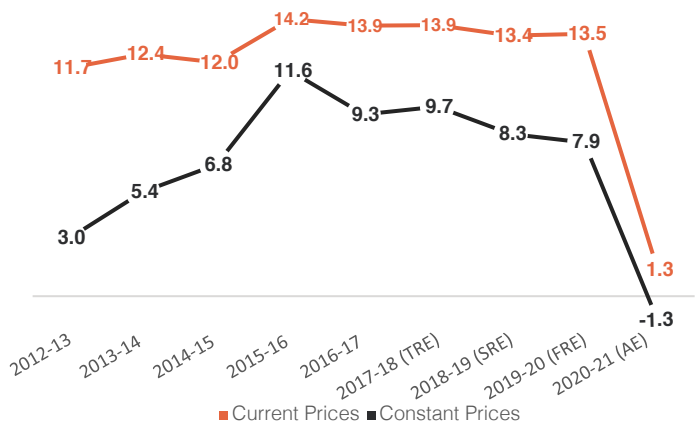
Due to its high growth rate, the agriculture and allied sector contributed a higher share of 20.6% to overall GSDP than in any year since State's formation. However, at an aggregate level, the services sector continues to contribute the highest share at 60.3%. The contribution of industrial sector stood at 19.1%.

Comparison of Real growth rate of Telangana vis-a-vis all India



Economic growth in Telangana has fallen sharply due to COVID-19— but not as sharply as India's. In 2020-21, economic output in the state, measured by Gross State Domestic Product, was Rs. 9.78 lakh crore; it only fell by 1.26% in 2011-12 prices and grew by 1.35% in 2020-21 prices. In India, the second advance estimates released by the Ministry of Statistics and Program Implementation (MoSPI) reveal that national economic output, measured by Gross Domestic Product (GDP), will shrink by 8% in 2020-21. Compared to these negative growth estimates, Telangana's economy has been more resilient.

Growth Rate of GSDP at Current and Constant Prices



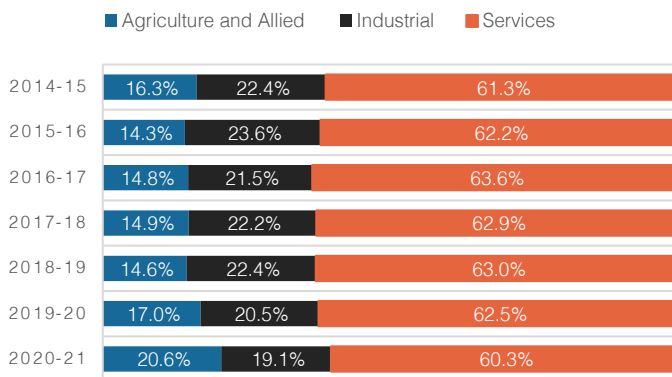
Telangana's share of national nominal GDP has increased significantly from 4.76% in 2019-20 to 5% in 2020-21. The per capita income in the state continues to be higher than the national average at 1.78 times.

The labour force participation in Telangana at 55.1% is higher than the national average of 50.2%. The female participation is significantly higher for Telangana at 38.3% compared to national figure of 24.5%.

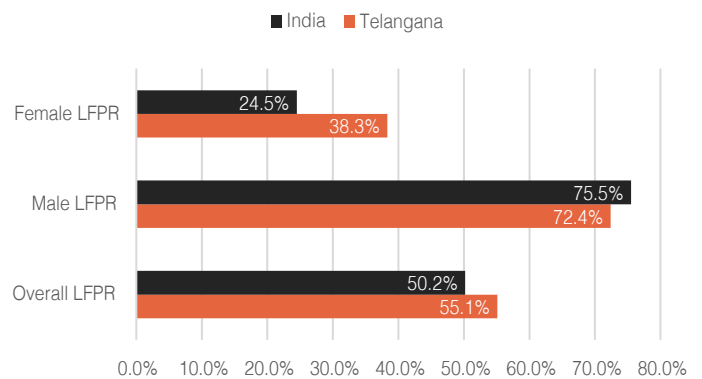
Comparison of Growth Rate of Telangana vis-a-vis all India

Year	Current Prices (Rs. in crore)					Constant Prices (Rs. in crore)			
	Telangana		All India		Share of TS	Telangana		All India	
	GSDP	GR	GDP	GR		GSDP	GR	GDP	GR
2012-13	4,01,594	11.7	99,44,013	13.8	4.04	3,70,113	3.0	92,13,016	5.5
2013-14	4,51,580	12.4	1,12,33,522	13.0	4.02	3,89,957	5.4	98,01,370	6.4
2014-15	5,05,849	12.0	1,24,67,959	11.0	4.06	4,16,332	6.8	1,05,27,674	7.4
2015-16	5,77,902	14.2	1,37,71,874	10.5	4.20	4,64,542	11.6	1,13,69,493	8.0
2016-17	6,58,325	13.9	1,53,91,669	11.8	4.28	5,07,946	9.3	1,23,08,193	8.3
2017-18	7,50,050	13.9	1,70,90,042	11.0	4.39	5,57,410	9.7	1,31,44,582	6.8
2018-19	8,50,596	13.4	1,88,86,957	10.5	4.50	6,03,897	8.3	1,40,03,316	6.5
2019-20	9,65,355	13.5	2,03,51,013	7.8	4.74	6,51,655	7.9	1,45,69,268	4.0
2020-21	9,78,373	1.3	1,95,86,161	-3.8	5.00	6,43,459	-1.3	1,34,08,882	-8.0

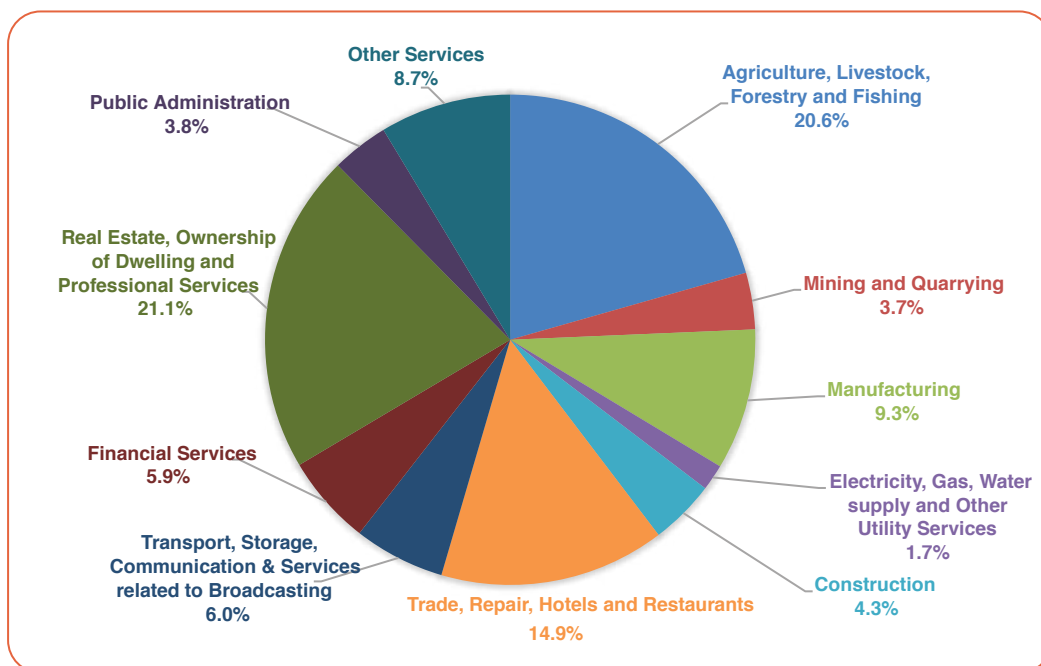
Telangana Sectoral Contribution to GSVA at Current Prices



Labour Force Participation Rate



Sectoral Contribution to GSVA in 2020-21 at current prices



TS-iPASS

Government of Telangana enacted the Telangana State Industrial Project Approval and Self-Certification System (TS-iPASS) Act, in 2014. (Act No.3 of 2014) The Act was legislated for issue of various clearances for setting up of industries at a single point based on the self-certificate provided by the entrepreneur and also to create investor friendly environment in the State of Telangana.

Salient Features of TS-iPASS

- Telangana is the only state in the country that has made it a right to get industrial clearances
- Approvals based on Self-certification by the applicant
- A Combined Application form is designed to cater to the requirements of all departments
- Number of attachments reduced from 110 to 10, which are common for all departments
- Timelines notified for all clearances
- Clearances given within the set time limit varying from 7 days to a maximum of 30 days depending upon the complexity of the approval failing which the approval is said to be deemed
- For Mega projects i.e. Projects with investment more than Rs.200 Cr. provisional clearances issued within 15 days, based on self-certificates furnished by applicants. Formal approvals/clearances issued before the unit commences its operations
- Creation of “Industry Chasing Cell” in the office of Chief Minister headed by a Principal Secretary to monitor the implementation of major projects and oversee inter-departmental coordination
- “All clearances under TS-iPASS provided through an End-to-End online System where an investor is guided in each step. He can upload the required documents, make online payment, track status of approvals, view and download the issued approvals
- Model documents to be attached are provided on the Web portal
- The portal provides for online pre-scrutiny of applications within 72 hours. This ensures that the applicant is informed of any shortfalls before making payment
- Applicant can pay the scrutiny/ processing/ approval/ licensing fee for all departments through a single payment gateway
- Clearances are issued online which can be downloaded by applicant and verified by any third party
- The applicant is entitled to know the reasons for delay in getting the clearance within time limits
- Effective Grievance Redressal Mechanism
- The Act envisages provision for imposing penalties on the officers who fail to accord clearance within time limits. At present the penalty is @Rs.1,000 per day
- TS-iPASS obviates the need to meet any official and gives all approvals in a time bound manner. Thus, it is a graft free industrial approval process

Implementation stages of approved projects

S.No	Progress	No of Units	Investment (in Rs. Crore)	Employment
1	Commenced operations	12,198	98,120	7,71,750
2	Advanced stage/Initial stage/ Yet to start construction	3,654	1,16,831	7,88,756
	Total	15,852	2,14,951	15,60,506

EODB Reforms

The Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce & Industry, Government of India has taken up a series of measures to improve Ease of Doing Business. The emphasis has been on simplification and rationalization of the existing rules and introduction of Information technology to make governance more efficient and effective. DIPP, every year, is communicating a set of reforms to all states and is ranking the states based on level of compliance of these reforms by the states.

EODB-2019

For EODB -2019, DPIIT communicated 180 reform points to be undertaken in 2019. The plan was designed to obtain feedback on all reform points for assessment. The performance of the States was assessed only based on the feedback received from the users and industrialists.

Telangana was ranked third in the nation-wide Ease of Doing Business (EoDB) rankings for 2019, after Andhra Pradesh and Uttar Pradesh. Union Minister for Commerce and Industry, Shri. Piyush Goyal, released the State Business Reform Action Plan Ranking for 2019 in Delhi in Sept. 2020. The EoDB rankings were based on the points gained by each State in implementation of about 12 business regulatory areas and feedback obtained on their implementation. Of the total 180 reforms, Telangana was able to implement 99%.

In Telangana State, the reforms were implemented under 12 business regulatory areas including Labour Regulation-Enablers, Access to Information and Transparency Enablers, Commercial Dispute Resolution Enablers, Land administration and Transfer of Land and Property, Land Availability and Allotment, Inspection Enablers, Construction Permit Enablers, Single Window System, Environmental Registration Enablers, Obtaining Electricity Connection, Paying Taxes, Sector Specific and others.

EODB-2020

For the year 2020, DPIIT has introduced State Reform Action Plan (SRAP) with 301 reform points spread across 15 Areas. The performance of the States will be assessed only based on the feedback received from the users. The reforms have been complied and evidences are uploaded to the EODB portal. The assessment is in progress.



Invest Telangana



Invest Telangana is proposed on the lines of the national Invest India to provide an institutional mechanism for engaging potential investors, providing support for pre-investment stage, aftercare investment services and investment promotion outside the state.

Objectives of Invest Telangana

- Act as the first reference point for potential investors by providing quality input
- To engage with potential investors and provide support services, such as sector specific inputs, assisting in location identification, expediting regulatory approvals, facilitating meetings with relevant government functionaries, etc.
- Identify serious investors and to prepare a small dossier of their proposals/ companies for further perusal of senior officers
- Business Intelligence
- To undertake media campaigns and to organise Road shows and Investment Summits in India and abroad to promote investments in the State
- To partner with Invest India; to interface with 'Make in India' and with other Government of Telangana Programmes

Launch of Invest Telangana Website

Aiming to attract investments and communicate investment potential in the state, "Invest Telangana" website was launched in July 2020 by IT and Industries Minister K. T. Rama Rao, State Finance Minister Harish Rao and Energy Minister Jagadish Reddy.

The website was designed keeping in mind the information needs of prospective investors. The objective was to make the new website faster, easier to navigate, and more user-friendly. The website will endeavour to provide investors with the most accurate, up-to-date information along with knowledge and expertise of sector experts. Features of the site include integrated social media buttons for Facebook and Twitter to foster improved communication. The content will be constantly updated with helpful information, cutting edge thought leadership, company/investment announcements, client successes and latest news.

During the launch, IT and Industries Minister K. T. Rama Rao said, "Telangana consistently ranks as one of the best state in India in terms of Ease-of Doing-Business and in this crucial time, where investment promotion is of paramount importance, we hope to keep up the spirit of competitive and competent federalism and unleash a digital chapter in our investor attraction efforts." Currently, Online enquiries, Sector specific assistance, policy information, latest industry update reports are some of the services active in the website. In the coming months, the cell plans to add more functionality to the website including international language support, scheduling online meetings with State officials and accessibility to disabled users.





Telangana State Industrial Infrastructure Corporation Ltd (TSIIC) is identifying and developing potential growth centres in the Telangana State and providing other infrastructural facilities.

Core Functions of TSIIC

- Identification of potential sites for industrial areas
- Acquisition/Alienation of lands for Industrial Parks
- Providing infrastructure facilities through its own engineering division in Industrial Parks /IT Parks /Biotech Parks /Textile & Apparel Parks /SEZs
- Allotment of land/plots/sheds for various industries
- Identification and development of infrastructure projects under PPP mode



Laying of Foundation Stone at Jillella, Cold Storage & Warehouse



Proposed IT Hub, Khammam

Land Allotment

TSIIC has developed 10 new Industrial Parks in the State and allotted 810 acres of land to about 453 industries with an expected investment of about Rs. 6,023 Crores and potential direct and indirect employment to nearly 7623 persons during the F.Y.2020-21.

TSIIC has allotted 34 acres of land to 49 SC and ST entrepreneurs during F.Y.2020-21.

New Industrial Parks developed by TSIIC during F.Y.2020-21

1. New Energy Park, Divitipally
2. Micro Industrial Park, Rayaraopet
3. Industrial Park, Siddipet at Mandapally
4. Industrial Park, Tunikibollaram
5. Agri Processing Park, Bandamailaram
6. Agro Processing Cluster, Dhandumalkapur
7. General Industrial Park, Shivanagar
8. Industrial Park, Jinnaram
9. Acqa Hub, Sircilla
10. IT Park, Osmanagar

Hon'ble Chief Minister of Telangana Sri. K. Chandrashekar Rao laid the Foundation stone for IT Park at Duddeda near Siddipet on 10th Dec 2020. Four IT companies have signed a Memorandum of Understanding (MoU) with the Government in the presence of the Chief Minister to take up space in IT Park. The IT Companies include Jolan Technology, Visan Tech, Embrods Technology & Setwin



Inauguration of IT incubation Centre at Karimnagar



Proposed IT Tower, Siddipet

Pharma and Life Sciences

Life Sciences sector in Telangana continues to spearhead the growth of the state. Even after the widespread health and economic distress caused by COVID-19 pandemic, the Life Sciences sector in Telangana has responded with resilience and witnessed tremendous developments during the year.

Role of Telangana in COVID-19 vaccine development and production

Pharmaceutical Industry based out of Telangana has made significant contributions during the Covid-19 pandemic situation such as manufacture of life saving drugs including remdesivir, hydroxyl chloroquine, favipiravir, etc. One of the first RT-PCR Kits approved by ICMR developed in India from Hyderabad and since then, a number of companies have developed PCR Kits, Rapid Test Kits, Viral Transport Mediums, Reagents, Tech based diagnostics solutions, among others.

First indigenously developed vaccine for Covid-19 is the result of the intense efforts of Bharat Biotech, a Hyderabad based company. Other companies like Biological E are engaged in various efforts to develop and manufacture Covid-19 vaccine from Hyderabad.

Hon'ble Minister, Mr. K.T. Rama Rao visited the Genome Valley premises on 4th of August 2020 to meet the leadership team of Bharat Biotech and Biological E to examine the status of vaccine development for COVID-19 and assure the state government's support to ongoing efforts by the companies to develop the vaccine. The primary objective of the visit was to elicit the challenges faced by the companies in the vaccine development and the support required from Government of Telangana and Government of India. A panel discussion on "The Vaccine Race: Balancing Science and Urgency" was also organised and moderated by the Minister himself. As a follow up action to the visit and panel discussion organized, the Minister wrote a Letter to Shri Harsh Vardhan, Union Minister for Health and Family Welfare seeking the decentralization of authority for the process of testing and approvals of vaccines and other issues faced by vaccine makers in the country. The Minister has also sought approval for the fast-track of procedures for the development of COVID vaccine, its licensing process, manufacturing, procurement policy, and funding support for vaccine.



Genome Valley, the largest R&D cluster in India, is gaining traction as the "Vaccine Capital of the world". 4 out of 5 leading vaccine manufacturers in India are already in Genome Valley and now the cluster is being observed globally as the ecosystem hosting the vaccine development for COVID-19. The Hon'ble Prime Minister himself visited Bharat Biotech at Genome valley on 28th November 2020 to take stock of COVID-19 vaccine development. Further, Genome Valley on 9th December witnessed a visit from 64 heads of missions (HoMs) of foreign countries in India to look into vaccine manufacturing process by Bharat Biotech and Biological E. These visits to Hyderabad reaffirm and endorse the fact that Hyderabad is a vaccine capital of the world.

BioAsia 2021

BioAsia, Asia's largest Biotechnology and Life Sciences Forum, the annual flagship event of the Government of Telangana, successfully concluded after 2 days of insightful deliberations. With the theme being "Move the Needle", the 18th edition was conducted virtually for the first time from February 22nd -23rd, 2021. The event witnessed huge participation from Industry, Government, general public. BioAsia 2021 provided a dynamic platform for insightful deliberations and discussions focusing on COVID-19; Challenges, opportunities and learning for the global life sciences community.

BioAsia 2021 witnessed the participation of around 31,450 participants representing 72 countries. More than 60 high profile speakers also participated in this summit.

Mr. K. T. Rama Rao, Hon'ble Minister for Industries, Commerce and IT, Government of Telangana inaugurated the event. During the inaugural ceremony, along with the Minister, also present on the occasion were Mr. Jayesh Ranjan, IAS, Principal Secretary, Industries & Commerce Dept, Govt of Telangana, Mr. E.V Narasimha Reddy, Chairman & Managing Director, TSIIIC, Mr. Shakti Nagappan, Director of Telangana Life-sciences & CEO, BioAsia, Mr. Satish Reddy, Chairman, Dr. Reddy's Laboratories, Mr. Naveen Gullapalli, Global Head, Novartis Business Services Innovation and Dr. Krishna Ella, Chairman and Managing Director, Bharat Biotech



The organizing committee of BioAsia has bestowed the prestigious Genome Valley Excellence Award 2021 on Bharat BioTech for its breakthrough, pioneering research, development and commercialization of vaccines including COVAXIN™ (COVID-19 Vaccine), Rabies vaccine, Japanese Encephalitis vaccine, Polio vaccine and Typhoid Conjugate vaccines, among many others that have helped save billions of lives globally. The award was personally received by Dr. Krishna Ella and Mrs. Suchitra Ella.



Other developments

- **B-Hub:** Biopharma Hub (B-Hub) is a flagship initiative for Genome Valley undertaken by the Government of Telangana wherein the state is partnering with Cytiva to strengthen the Biopharma industry in the state and the country by setting up a Biopharma scale up facility. Today, 8 out of 10 top selling drugs globally are biopharmaceuticals. While there exist formidable capabilities in chemical drugs in the Country, B-Hub will help Telangana and India in accelerating the growth of Biopharmaceutical sector. The state has also selected the developer for the project and it is scheduled to commence in a period of 2 years.
- **Medical Devices Park:** Medical Devices park in Hyderabad continues to attract investments and during the FY 2020-21, about 19 industries have been allotted land in the park with an investment commitment of Rs. 204 Crores and employment potential of over 2400 jobs.
- **Life Sciences advisory committee reconstituted:** Hon'ble Minister Shri. K. T. Rama Rao on 5th August 2020 chaired the first meeting of the reconstituted Lifesciences advisory committee. Government has reconstituted the Life Sciences advisory committee with members of industry and academia with a term of two years. Mr. Satish Reddy, Chairman, Dr. Reddy's Laboratories will be the Chairman, Ms. Mahima Datla, Managing Director of Biological E will serve as Vice-Chairman and Director Life Sciences Government of Telangana will be convener for the committee. The objective of the Lifesciences advisory committee is to serve as a structured interface between Government, Industry and Academia. The committee has successfully facilitated the vision document for Life Sciences sector in the state and will be presenting high level recommendations to the Government of Telangana for overall development of the sector in the state.



Minister Shri. K T Rama Rao released the "Telangana Lifesciences: Vision 2030" report prepared by Life Sciences Advisory Committee

- **Medtronic expansion of R&D centre ; MEIC inauguration:**

Hon'ble Minister Shri. K. T. Rama Rao on 11th August 2020 interacted with the senior officials of Medtronic to brief them on various initiatives taken by Telangana government to promote the medical devices sector. The meeting also marked the announcement of investment plan of Rs. 1200 crores in scaling up and expanding the current R&D centre into a state-of-the-art engineering and innovation centre in Hyderabad. Hon'ble Minister Shri. K. T. Rama Rao inaugurated Medtronic Engineering & Innovation Center (MEIC) on 7th April 2021. Inauguration of the new MEIC site will boost Telangana's MedTech plans and cement Hyderabad's position as the medical devices hub in India.



- **Inauguration of Research and Technology facility Sai Lifesciences:**

Sai Lifesciences Limited, a growing contract research organisation announced the commissioning of its new Research and Technology centre in Hyderabad on 15th August 2020. The Centre, located in Genome Valley, is spread across 83000 sq ft with several unique features. The new Research & Technology centre is adjoining their current R&D facility in Genome Valley, Hyderabad. The Centre was inaugurated by Mr. K.T. Rama Rao, Hon'ble Minister for Industries, IT, MA & UD, Government of Telangana.

- **Life Sciences University:** Government of Telangana has envisaged establishment of a Life Sciences University to promote innovation and empower today's talent with skills of today and tomorrow. The Life Sciences University will be set up over an area of around 50 acres within the Hyderabad Pharma City to enable seamless interaction between industry and academia. Life Sciences University is planned to be commissioned with the vision "To solve health challenges of today and tomorrow by building leaders in research dedicated to innovation as well as operational excellence."

Summary of Investments in Life Sciences sector in FY 20-21

Number of Investment proposals in Life Sciences sector	311
Investment amount	₹ 6734.56 Crores
Proposed employment generation	33,655



Handloom and Textiles

The handloom and textile industry is second only to agriculture in terms of workforce and employment potential. Hence Telangana has given special attention to this sector which also contributes significantly to exports as well as domestic consumption.

Handloom and Powerloom sector

Telangana State has a vibrant Handloom sector, with 5 geographical indication registrations (Gadwal, Pochampally Ikat, Narayanpet, Siddipet, Gollabhamma and Warangal cotton Durries). There are 17,573 active geo-tagged handlooms in the State and a population of about 41,000 persons are employed as weavers or ancillary workers in the sector.

The powerloom sector is mainly clustered in Sircilla, Karimnagar, Warangal and Nalgonda districts and there are 38,262 geo-tagged powerlooms in the state. The Bathukamma saree scheme has given a major fillip to the low value grey cloth production in the powerloom sector and enabled jacquard and dobby saree production, with a distinctive design and style, in addition to improving incomes and skills of the powerloom workers and development of the industry as a whole.

Nethannaku Cheyutha - Thrift Fund Saving and Security Scheme (TFSSS)

A savings scheme for handloom weavers and ancillary workers wherein the state government contributes 16% of declared income against 8% contributed by the beneficiary, with a lock-in period of 36 months. In response to the hardships caused by Covid-19 induced lack of work and market slowdown, the Government exempted the three years lock-in period and allowed to draw the accumulated amounts available as on 30th June 2020 so that the weavers could use these amounts for their daily needs, as well as production related activities. So far, an amount of Rs.96.43 Crores has been disbursed to the accounts of (20537) Weaver beneficiaries.

Chenetha Mithra Scheme - SKOCH Award

An input subsidy scheme for handloom weavers which envisages 40 percent subsidy on yarn, dyes and chemicals in addition to the 10% subsidy provided by Government of India. Weavers having geo-tagged looms can avail benefit under the scheme. The subsidy is transferred to the beneficiaries' accounts under the Direct Beneficiary Transfer

system. About 77,229 transfers totaling to Rs 11.57 Cr has been made under the scheme till date.

The Commissioner of Handlooms and Textiles and AEPs was selected and presented the SKOCH Award 2021 at the 73rd SKOCH Summit, in the Silver Category for the "Chenetha Mithra" scheme.



National Handloom Day 2020

The annual National Handloom Day programme was launched by Hon'ble Prime Minister of India in 2017 to uplift the Handloom industry. On 7th August of every year the National Handloom Day is being celebrated across the country. This was held in virtual mode in 2020 on account of Covid-19 related restrictions. The Government of Telangana, in celebrating the efforts of the handloom industry has also instituted Konda Laxman Bapuji Awards to honour the weavers and designers in the handloom industry. The Award consists of (1) Cash Price of Rs.25,000/- (2) Merit Certificate (3) Handloom Shawl and (4) Memento.



Manufacture of Handloom cloth masks during Covid-19 lockdown period

The Department of Handlooms and Textiles and AEPS, identified and engaged 17 units for the manufacture of over 5,00,000 cloth masks out of the handloom fabric supplied by Telangana State Handloom Weavers Cooperative Society (TSCO). This initiative helped the unemployed labourers to get livelihood during the Covid-19 lockdown period. This also helped about 300 migrant workers stay in the city during lockdown.



Revival of dying weaves in Telangana and development of new crafts

Several languishing weaves of the State have been revived by the TSCO/Commissioner Handlooms and Textiles, such as

- Gollabhama Saree in Siddipet
- Telia Rumal weaving
- HIMRU weaving
- Pitambari Sarees
- Armour Silk Sarees

In addition to this the department has developed Mahadevpur tussar silk sarees and dress materials in Bhupalpally district as well as training handloom weavers to take up shirting and yardage weaving in Warangal and Karimnagar districts under product diversification.

E-Marketing of handloom products - MoU with Flipkart

TSCO products are currently available for online purchase on its own portal <https://tsco.co.in/>. In order to further boost the ecommerce sales, Department of Handlooms & Textiles has signed an MoU with Flipkart as a "Flipkart Samarth Partner." Flipkart Samarth aims to enable national market access for artisans, weavers and craftsmen to showcase

their hallmark products. Apart from offering the most wholesome ecommerce platform for TSCO to sell and become financially sturdy and independent, Flipkart Samarth will also provide TSCO with assistance related to registration, listing and cataloging 100 products. The Department is in discussions with Amazon, Myntra, Khadi and Village Industries also to ensure TSCO products are promoted across all e-commerce platforms.

E-commerce push for TS handloom

SUNNY BASU
Hyderabad

Telangana's famous hand-woven garments, right from shirts to saris with the authentic stamp from the Telangana State Handloom Weavers Cooperative Society, will soon be available on e-commerce platforms like Amazon and Flipkart.

According to officials, representatives of Flipkart have already begun the process with a team reaching the State a couple of weeks ago and doing a photoshoot of the different fabrics and products that will be put on sale on the online shopping site within three months. According to TSCO officials, the project has been in the works for quite some time now.

It gained momentum now with Flipkart coming forward for the photoshoot. Presently, discussions are on regarding the product



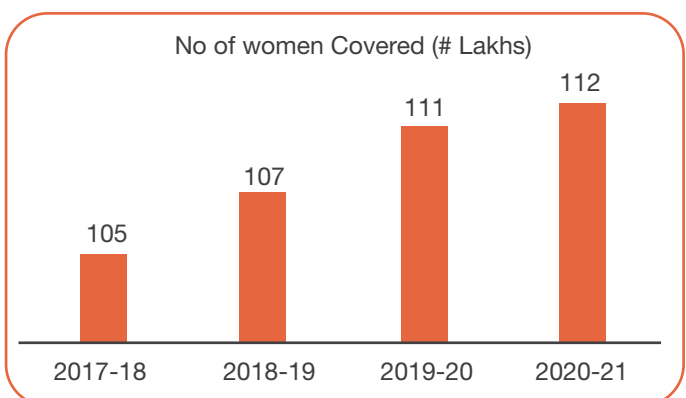
Products with the authentic stamp from the Telangana State Handloom Weavers Cooperative Society will soon be available on Amazon and Flipkart.

description, which will be uploaded on the site, "Handlooms will be kept for sale under categories like men's wear, women's wear and casual wear. They took photos of blazers, shirts, handbags and other products," a TSCO official said. The products could include the famous Pochampally Ikat saris or the Gadwal,

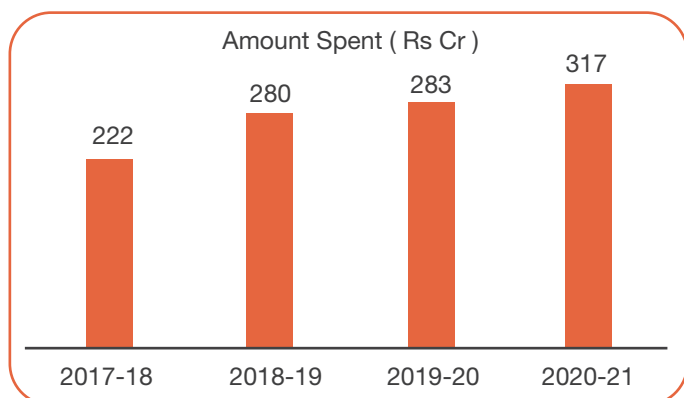
Narayanpet and Gollabhama saris apart from the immensely popular Warangal durries, all of which have been known as Telangana products. **CET PAGE 23**

Bathukamma sarees scheme – support to Telangana powerloom industry

One of Telangana's flagship programmes in powerloom sector is the "Bathukamma Sarees Scheme" wherein sarees are distributed to all women, above 18 years of age enrolled under Food security cards, as a gift on the eve of "Bathukamma Festival" in Telangana. More than 1.0 crore women have been benefitting from the scheme since 2017. The scheme also ensures continuous employment to the powerloom weavers with increased wages for improvement of their living standards.



As a result of the scheme, around 16000 weavers and allied workers now have continuous employment, and their income has doubled to Rs 16,000/- month with some active weavers earning up to Rs 20,000/- per month and thereby drastically curbing the suicidal tendencies prevalent among this section.



Textiles Activity and Apparel Sector

The year 2020-21 saw major disruptions in implementation works at development projects in Warangal and Sircilla due to nationwide Covid related lockdown in the first quarter of FY 2020. The implementation works for some of the prestigious projects such as Apparel park, Weaving Park and Common Facility Center at Sircilla as well as the Kakatiya Mega Textile Park at Warangal have picked up pace in the 2nd half of FY 2020-21. Important projects in Chandanvelly, Rangareddy were also flagged off during H2 FY 2020-21.

Foundation stone laying ceremony of Welspun's 2nd investment in Telangana

Hon'ble Minister for Industries laid the foundation stone of Welspun's 2nd investment in Telangana – Advanced Textiles Project. Welspun Group, a US 2.1 billion conglomerate, commenced operations at its 1st project, Carpet tiles manufacturing Plant at Chandanvelly in September 2019. The same was also officially inaugurated by the Hon'ble Minister during the visit. The state-of-the-art facility, set up with an investment of Rs 1150 Cr, completed construction in a record time of 14 months and employs more than 1000 people. The Advanced Textiles Project will be set up with an investment of Rs 415 Cr and will employ 600 persons directly. The plant will use non-woven technologies to manufacture high performance innovative materials, for a wide range of applications including personal protection, medical disposables, hygiene, cosmetic, coating substrate applications to various kinds of filtrations. The plant will be commissioned by Sep 2021.



Ganesha Ecosphere commences construction at Kakatiya Mega Textile Park, Warangal

Ganesha Ecosphere, a greentech player that extracts fibre from used PET (polyethylene terephthalate) bottles commenced construction works at Kakatiya Mega Textile Park (KMTP) in Warangal. The company is setting up two projects under two subsidiaries M/s Ganesha Ecotech Pvt Ltd and M/s Ganesha Ecopet Pvt Ltd. Ganesha Ecopet will set up a Recycled Polyester Filament Yarn plant with an investment of Rs 300 Cr in 30 acres employing 500 persons. The plant will be operational by Oct 2022. Ganesha Ecotech will set up a Washed PET flakes and polypropylene fibre plant with an investment of about Rs 200 Cr in 20 acres employing 500 persons. The plant will be operational by June 2022.



Textiles activity picked up pace at Whitegold Spintex Integrated Textile Park, Ibrahimpatnam

Further to the commissioning of first weaving unit M/s Divya Textiles in Nov 2019, 3 additional units commenced production in FY 2020-21 with 5 more under construction at Whitegold Spintex Integrated Textile Park at Ibrahimpatnam. A total of 13 units including the aforementioned had signed Investment MoUs totaling to Rs 175 Cr of capital investment in the park. The line of activity will be primarily weaving, garmenting and technical textiles.



Apparel park, Sircilla - MoU signed with anchor investor

To create an impetus for the existing powerloom ecosystem in Sircilla, the Government of Telangana is developing a state-of-the-art Apparel park at Sircilla in Pedduru Village. The Apparel Park will encourage value addition by converting fabrics into garments and to diversify the skill base of the women for alternate livelihoods.

In order to kick start apparel manufacturing, the State Government is setting up ready to use factory units with plug and play facilities so that garment manufacturers can start their operations in quick time. The investors are required to invest only in machinery and related equipment. The Apparel Park will also have a Common Effluent Treatment Plant to support garment washing operations, which are critical to certain garment product lines.



The Department of Handlooms and Textiles signed a MoU with M/s Gokaldas Images Private Limited (GIPL) for setting up a 500-machine garment factory at Sircilla. The plant will manufacture knitted innerwear for exports employing 1100 persons, of which 75% will be women. GIPL is one of the first garment exporters from India, established in 1978. The company has 15 factories across India and employs more than 10,000 persons.

Weaving Park, Sircilla

The Government of Telangana is developing a state of art weaving facility by establishing group work shed units for weaving at Peddur Village in Sircilla. The works are in full swing at site for construction of 50 industrial sheds that will house 4416 powerlooms and 60 warping machinery along with other common facilities in 88 acres of land.



Through this project the State Government intends to address the critical infrastructure gaps impeding the growth of the powerloom cluster by addressing the gaps in weaving infrastructure. It will release the weavers from the clutches of master weavers and thus encourage the objective of "Worker to Owner". It would facilitate production of quality fabric and value-added products. This would also encourage the stakeholders to diversify the product base and broad basing of the skill base of the manpower.

Inauguration of Samarth Training center - Sircilla

Under the Government of India Scheme for Capacity Building in Textile Sector (SCBTS), two training centres, at the Gundlapochampalli Apparel Export Park and Textile Park, Sircilla had been commissioned in 2019 each with a capacity to train 720 candidates annually - in Sewing Machine Operations and Embroidery Machine Operations.



Each centre is equipped with machinery pertaining to Sewing Machines Single needle, Double needle, Flatlock, Lockstitch, Cutting, Buttonhole, Buttoning, Steam Ironing and Embroidery machines. Each centre has classrooms, training hall, change rooms and a mini discussion room. The Training Centre at Sircilla was inaugurated by the Hon'ble Minister for Industries in the presence of Commissioner, Handlooms and Textiles and AEPs, and District Collector, Rajanna Sircilla, District. The Hon'ble Minister handed over certificates to the batch of students who completed the course, at a valedictory function.



Policy Initiatives

1. Telangana Apparel and Textile Policy (T-TAP) –In order to help in identifying the right and deserving beneficiaries, for prompt settlements, transparency, tracking of applications and automation, the Department of Handlooms and Textiles & AEPs has launched the T-TAP Online. During the last six months 33 applications were received, out of which 30 have applied as new units and 3 as units under expansion.

2. Guidelines for restarting, transfer of vacant plots in Textile Parks - The Government has issued revised guidelines for issue of letter for restoration and transfer of ownership of allotted plots vide G.O.Rt.No.61, Industries and Commerce (Textile) Department, Dated: 22.04.2021.

Aerospace and Defence

Aerospace sector had a spectacular start in 2020 with the State winning the Best State award from Ministry of Civil Aviation for Aerospace sector. Later during the year, Hyderabad also won international recognition being ranked No 1 in FDI Aerospace Cities of the Future rankings for being the top global Aerospace city in cost effectiveness.

The pandemic and lockdown had a significant impact on the global Aviation and Aerospace industry. During lockdown announced in 2020, several Aerospace and Defence companies have sought exception approvals and limited scale operating permits to complete critical export commitments. Many aerospace companies have also sought permission to use their facility to create ventilator parts, masks, PPE etc. The State Government has promptly supported these requests and the reliability of the supply chain was restored.

While there were significant head-count reductions across Aviation and Aerospace industry in 2020, Hyderabad ecosystem was spared and the growth continued despite the slowdown. Seen as a reliable and cost-effective ecosystem and a global aviation hub, leading Aerospace majors such as Boeing, Safran etc. have announced new manufacturing lines in Hyderabad.

Telangana has over 1000 MSMEs in precision engineering catering to Aerospace and Defence sector. Many of these MSMEs have integrated themselves into global supply chains and are manufacturing and exporting critical components. The defence indigenisation drive and State Government's infrastructure support is a great boon to local MSMEs. A major share of the defence indigenisation goals of the country is expected to be fulfilled by the technically superior Hyderabad based private industry.



Airbus signed an MoU with GMR Airport Hyderabad to explore collaboration opportunities across aviation services, technologies and innovation



The Chairman of SAFRAN Mr Ross McInnes met Hon'ble Minister to discuss on ongoing and future projects of SAFRAN in Hyderabad



Airbus India CEO Mr Remi Martin and his team met Hon'ble Minister to discuss new projects

Notable new projects in the current year include Boeing's new production line to make Boeing 737 Max vertical fin structures at its joint venture Tata Boeing Aerospace Limited (TBAL) in Hyderabad. VEM technologies Ltd established an advanced seeker manufacturing complex in Hyderabad, the first such facility in India in the private sector with indigenous technology.



Boeing has announced a new production line in Hyderabad at Tata Boeing Aerospace Limited, to manufacture complex vertical fin structures for the 737 family of airplanes.

The State ecosystem had significant visibility in Aero India 2021. State officials were invited to give keynote/special address in all major seminars including Defence production corridors, Aero Engines and MRO Services. One on one meetings were coordinated with country heads and international teams of all major foreign and domestic Aerospace and Defence firms including Dassault Aviation, SAFRAN, Raytheon, GE, Airbus, Boeing, TASL, Kalyani Group, Adani Group, L3 Harris, IAI, BAE Aerospace, Thales etc. Boeing and Airbus signed multiple MoUs in presence of State officials for further expanding their footprint in Telangana.

Thus Aerospace and Defence sector in Telangana has managed an impressive growth in 2020 despite the pandemic and most players are planning for further expansion in the State.



Principal Secretary Shri Jayesh Ranjan IAS addressed the Aero India seminars on Defence production Corridors and Aero Engines



Director Aerospace Shri Praveen PA gave a special address on the MRO session at Aero India 2021



Meeting with Dassault Aviation



Meeting with SAFRAN India



Meeting with Raytheon



Meeting with GE



Meeting with Honeywell

The Telangana State Trade Promotion Corporation was incorporated on 27.09.2014 with the objective of promoting trade and industry for the state of Telangana through:

- Trade promotional activities like conducting and participating in national and international trade exhibitions, seminars, providing export guidance to the trade and industry and dissemination of export and import information
- Establishment of Logistics and Trade promotional infrastructure like Container Freight Stations, Inland Container Depots, Cold Storage Plants, Warehouses, Logistic Hubs, Exhibition and Convention Centres
- Manufacture and sale of “Golkonda” brand note books and other paper products to Government and open market

Role of TSTPC

Trade Promotion:

- Conducting workshops, trading programmes on export trade, holding exhibitions
- Bringing out monthly TS Trade Journal
- Conducting Export Awareness Programmes and Workshops and Seminars on export related matters for the Exporters, Manufacturers and Entrepreneurs

Logistic Infrastructure:

- Container Freight Station is established at a cost of Rs. 14.00 Cr. in an area of 7.10 Acres to be operationalized by selecting an O&M Operator through open tender process in 2-3 months
- The Corporation has engaged M/s Grant Thornton Consultants for preparation of DPRs and sourcing funds from TIEs scheme of Ministry of Commerce, Govt. of India for the following projects:
 - Establishment of Hyderabad Trade Centre
 - Establishment of Warangal Trade Fair Complex
 - Irradiation plant, Pack houses, PQ labs, Vapour heat treatment plants etc.

Paper Products Manufacture:

- Manufacturing and selling Golkonda brand student notebooks, plain copier paper, student dairies, scribbling pads and calendars to Government Departments and open market

- The Corporation has achieved a turnover of Rs. 40.00 crores during the financial year 2020-21 in supply of Golkonda Note books, plain copier paper, student dairies, calendars, etc to Government welfare departments and open market



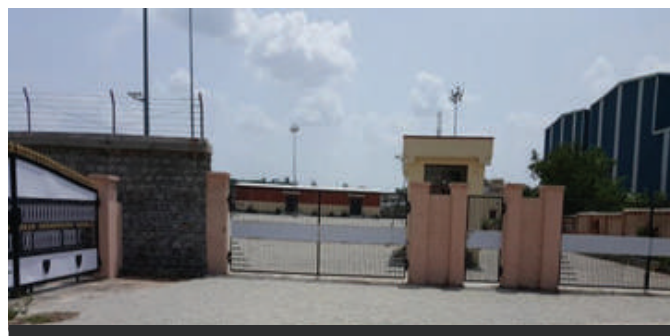
Administrative Building-Paper Products Division



Warehouses-Paper Products Division



Loading of Notebooks-Paper Products Division



Container Freight Station

LOGISTICS

There are 2 ICDs, 2 CFSs, 2 logistic parks and an Air Cargo Complex being operated in the State with 100% capacity utilization.

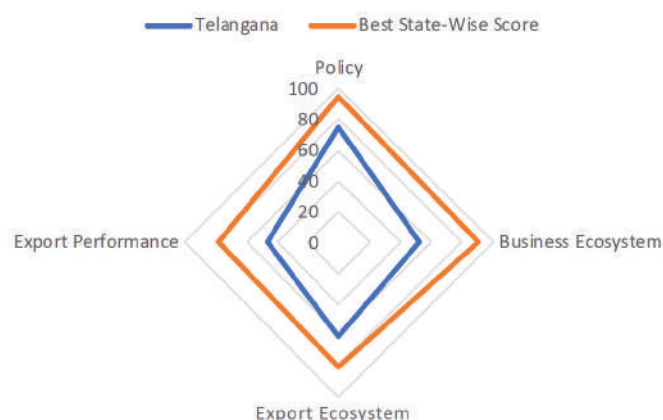
In view of the initiatives taken by the Government of Telangana in attracting foreign investments and industries, many industries are setting up their manufacturing units here, and there is a constant need for increasing the logistics infrastructure to meet the ever growing demand.

Government of Telangana has finalised a draft logistics policy incorporating several incentives and other benefits for the logistic stakeholders with an objective to make Telangana as a Gateway for the trade and industry. The policy is under active consideration of the Government.

In Tune with the Policies of the Department of Commerce, Government of India, Govt. of Telangana has constituted:

- State Level Trade Development and Promotion Coordination Committee to look after the affairs connected with promotion and development of trade and exports from the state
- District Level Exports Promotion Committee in all the districts for implementing the programme to develop each district into an export Hub
- State Logistics Coordination Committee with the Chief Secretary as the Chairman
- State Logistics Cell
- Principal Secretary to Govt. Industries & Commerce Department is the Nodal Officer for the integrated development of the Logistics Sector in the State

LEADS Indicator



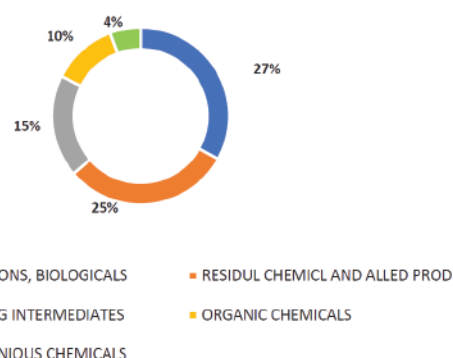
The State has proposed to establish a Multimodal Logistics Park in Nalgonda District catering to the needs of industries like Pharma, Food, Granite etc. to help reduce logistics cost and time boosting exports from the State. There is a lot of interest being shown by private stakeholders to set up MMLP.

The HMDA has proposed development of logistics parks/infrastructure in PPP Mode which will help in consolidation of the cargo for its movement to MMLP. M/s TSRTC has started cargo moving facilities which provide last mile connectivity, helping tier 2, tier 3 towns in moving cargo.

The State is ranked at 6th place in the ranking of Logistics Ease Across Different States (LEADS) and is ranked at 2nd place among the land locked States. The Government of Telangana is taking all the measures required to improve its LEADS ranking which attracts investments in the logistics sector.

Exports from Air Cargo complex

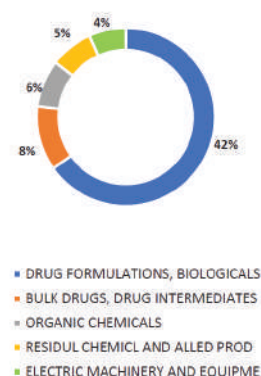
HYDERABAD AIRPORT



The top 5 commodities comprise of 80% share in total exports from Hyderabad airport.

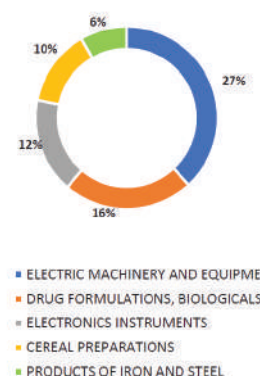
Commodity-wise Exports from ICDs

ICD HYDERABAD



The top 5 commodities comprise of 65% share in total exports from ICD Hyderabad.

ICD THIMMAPUR



The top 5 commodities comprise of 71% share in total exports from ICD Thimmapur.

Automotive and Electric Vehicle

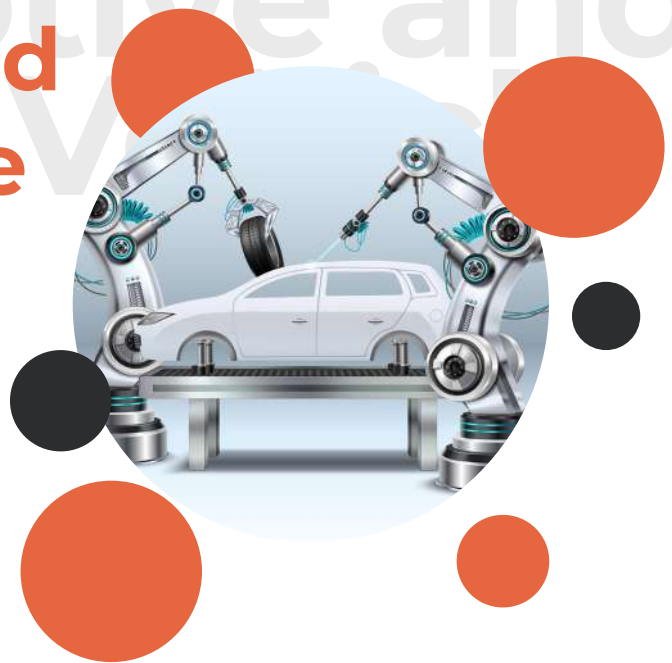
Advantage Telangana for Automotive and EV

- Telangana is strategically located in India where the South meets the North, providing access to market pockets of Chennai, Bangalore, Pune, Mumbai, Vishakhapatnam apart from Hyderabad itself
- Logistic advantage with strong Rail, Road and Air connectivity
- Strong knowledge industry presence with world class Educational and Research Institutes
- Opportunity to create large manufacturing bases with low cost land and labor availability – earmarked manufacturing clusters of 3800 acres of land close to City and Airport
- 178 upcoming and 40 existing charging stations across Telangana
- Synergy with other sectors such as Aerospace and Defense, Electronics and IT
- Progressive State government initiatives
- Preferential market access for Telangana based Manufacturers

Electric Vehicle & Energy Storage Policy 2020 – 2030 launched by Govt. of Telangana in October 2020

The EV and Energy Storage Policy 2020-30 was launched by Government of Telangana in October 2020. Many MoUs were also signed on the occasion:

- Mytrah Energy – Electric Bus manufacturing – Rs. 2000 Cr. Investment – 7000 people employment
- Olectra – Electric Bus manufacturing – Rs. 300 Cr. Investment – 3500 people employment
- ETO Motors – EV manufacturing – Rs. 150 Cr. Investment – 1500 people employment
- Pure EV – EV 2W manufacturing – Rs. 500 Cr. Investment – 1500 people employment
- Gayam Motor Works – EV 3W manufacturing – Rs. 250 Cr. Investment – 1400 people employment
- Etrio – EV manufacturing – new facility to expand its manufacturing footprint in Telangana
- ARAI – to setup a test facility for Electric Vehicle segment



Brief of Electric Vehicle & Energy Storage Policy 2020-2030

This policy builds upon the FAME-II scheme being implemented by Govt. of India to promote adoption and manufacturing of EVs.

Purchase incentives

Road tax and registration fee exemption for the first 200,000 electric 2-wheelers, 20,000 electric 3-wheelers and 5,000 four-wheeler for commercial use (cabs, taxi, tourist cabs) purchased and registered within Telangana. Retrofitment incentive at 15 percent of the retrofitment cost up to Rs 15,000 per vehicle for first 5,000 three-wheeler auto rickshaws.

Exemption of road tax and registration fee for first 10,000 e-3W (goods), e-carriers as well as electric light goods carriers, 5,000 electric cars registered by private users and 500 electric-buses. State Transport Units will be encouraged to purchase electric buses. The government has also waived off road tax and registration fee for electric tractors.

Charging infrastructure

Telangana Government will provide the necessary support to EV ecosystem by facilitating setting up of initial batch of fast charging stations in Hyderabad and other towns in a phased manner, by state entities and private players. The state will provide special power tariff category for EV charging stations. TSREDCO (the state nodal agency) will evaluate to establish public charging stations directly or under licensee/franchise/PPP model at public places such as airports, railway/ metro stations, parking lots, bus depots, markets, petrol stations, malls and electric poles shall be examined for the same.



The policy will also help towards creating a viable business model for private players to set up ARAI compliant EV charging/swapping infrastructure. TREDSCO will coordinate with state DISCOMS to ensure supply of renewable energy for EV charging stations and set up solar rooftop plants as per net metering policy. The captive power plants shall be encouraged as per the TSREC Guidelines.

Manufacturing incentives

Government will incentivize EV and ESS sectors as per the subsidies and incentives available under the Electronics Policy 2016. The government will extend tailor-made benefits to Mega and Strategic Projects on case to case basis. Investment of more than Rs. 200 Cr. in plant and machinery or providing employment to more than 1,000 persons will be categorized as mega project.

Incentives for manufacturers include Capital investment subsidy, SGST Reimbursement, Power tariff discount, Electricity duty exemption, Interest Subvention, Transportation subsidy, Stamp Duty/ Transfer Duty/ Registration Fees Reimbursements, Lease rental assistance, assistance in patent filing, reimbursement of quality, certification costs, cleaner production cost reimbursement, exhibition cost reimbursements, skill development assistance.

HMRL stations and TSRTC Bus depots (across the state) shall provide reserved parking and charging points for two-wheelers in their parking zones to encourage EVs for last-mile commute. Residential Townships with over 1,000 families are encouraged to develop charging station lots. A battery disposal infrastructure model shall be created to facilitate deployment of used EV batteries.

Developing EV and ESS cluster

The Telangana EV Policy has also announced development of mega EV and ESS manufacturing cluster with global standard infrastructure. The EV cluster shall have common facilities for design, prototyping and testing, common infrastructure such as drainage/common effluent treatment plant/sewage treatment plant and utilities. A state-of-the-art business environment with facilities such as Convention and exhibition centers, shared facilities to meet staffing and training requirements, logistics hub to provide with multi-modal transport for safe and efficient handling of cargo shall be made available.

Promoting R&D in Telangana

A dedicated facility shall be developed to house EV R&D centers by domestic and global EV Majors. The state government will utilize Hyderabad's strength in technology

domain to provide quality manpower for such centers. This hub is also expected to attract global R&D activities on other emerging mobility trends such as connected and autonomous vehicles.

The state government will also partner with premier Technical Institutes and research establishments across the state to establish Centers of Excellence for conducting market-focused research on battery technologies, battery management, motors, and controllers.

T- Fund - the government shall offer financial support to start-ups for research and innovation in EV and battery technologies. T-Works Automotive Prototyping Center – recognized as India's largest prototyping centre, T- Works shall have a dedicated wing for prototyping of EV components/ assembly and battery.

FCA Global Digital Hub

Fiat Chrysler Automobiles (FCA) has announced in Dec 2020 that it will invest \$150 million (Rs 1,110 crore) to set up a new Global Digital Hub in Hyderabad, Telangana. The new facility, FCA ICT India, is said to become the company's largest digital hub outside of the company's North America and EMEA – Europe, Middle East and Africa - operations. New Global Technology Hub will create around 1,000 jobs and focus on vehicle programs, artificial intelligence and more.

Mahindra's tractor plant at Zaheerabad to be Hub for new K2 Tractor Series

Mahindra & Mahindra Ltd.'s Farm Equipment Sector (FES), a part of the USD 19.4 billion Mahindra Group, announced in Nov 2020 that they will manufacture a new tractor series called the 'K2', exclusively at the company's tractor manufacturing facility at Zaheerabad.

- New K2 series is Mahindra's most ambitious light-weight tractor program
- With 4 platforms, Mahindra will introduce 37 models in various horsepower (HP) ratings, for both the domestic & international markets
- K2 will bring incremental investments of Rs 100 crore into Mahindra's Zaheerabad facility and double employment in the tractor plant by 2024



Objectives of TSLIPC

- Promotion of Leather Industry in Telangana State
- Skill Upgradation / Training Programme to SC Leather Artisans and Unemployed Youth
- Marketing activities to meet the Leather goods demand of the various Government Departments/ Government Agencies

Armour Leather Cluster in Nizamabad

Under MSME Cluster Development Programme, TSLIPC has applied for final approval of the project to the Development Commissioner and it is under process. Out of the total project cost, Government of India grant is 80% and the remaining 20% has to be mobilized by the State Government, the project impact as follows:

- The total number of plots in the Mini Leather Park would be 150
- The total investment in the park is estimated at Rs. 53.00 Crores
- The project envisages direct employment of 1000 and indirect employment to 500 people

Marketing Activities

TSLIPC Marketing activities involve fulfillment of the demand of leather products / footwear to Government Departments such as Social Welfare/ Tribal Welfare Departments, Telangana Minorities, Police Department, National Academy for Construction (NAC), etc.

S.No	Year	TSLIPC Sales (in Rs.)
1	2015-16	3,06,63,439
2	2016-17	3,86,66,422
3	2017-18	8,60,85,655
4	2018-19	16,44,49,848
5	2019-20	13,00,00,000
6	2020-21	34,00,000

National SC/ST Hub Scheme

The State Government of Telangana has nominated the Telangana State Leather Industries Promotion Corporation Ltd (TSLIPC) as Nodal Agency to implement Government of India Awareness Programmes for SC-ST Hub Scheme in Telangana State. The scheme comprises the following 4 (Four) components i.e.

- Exhibition/Trade Fairs
- Vendor Development Programmes (VDP's)
- Workshops/Seminars/Awareness Campaigns
- Skill Development Training Programmes

TSLIPC has conducted the following programs

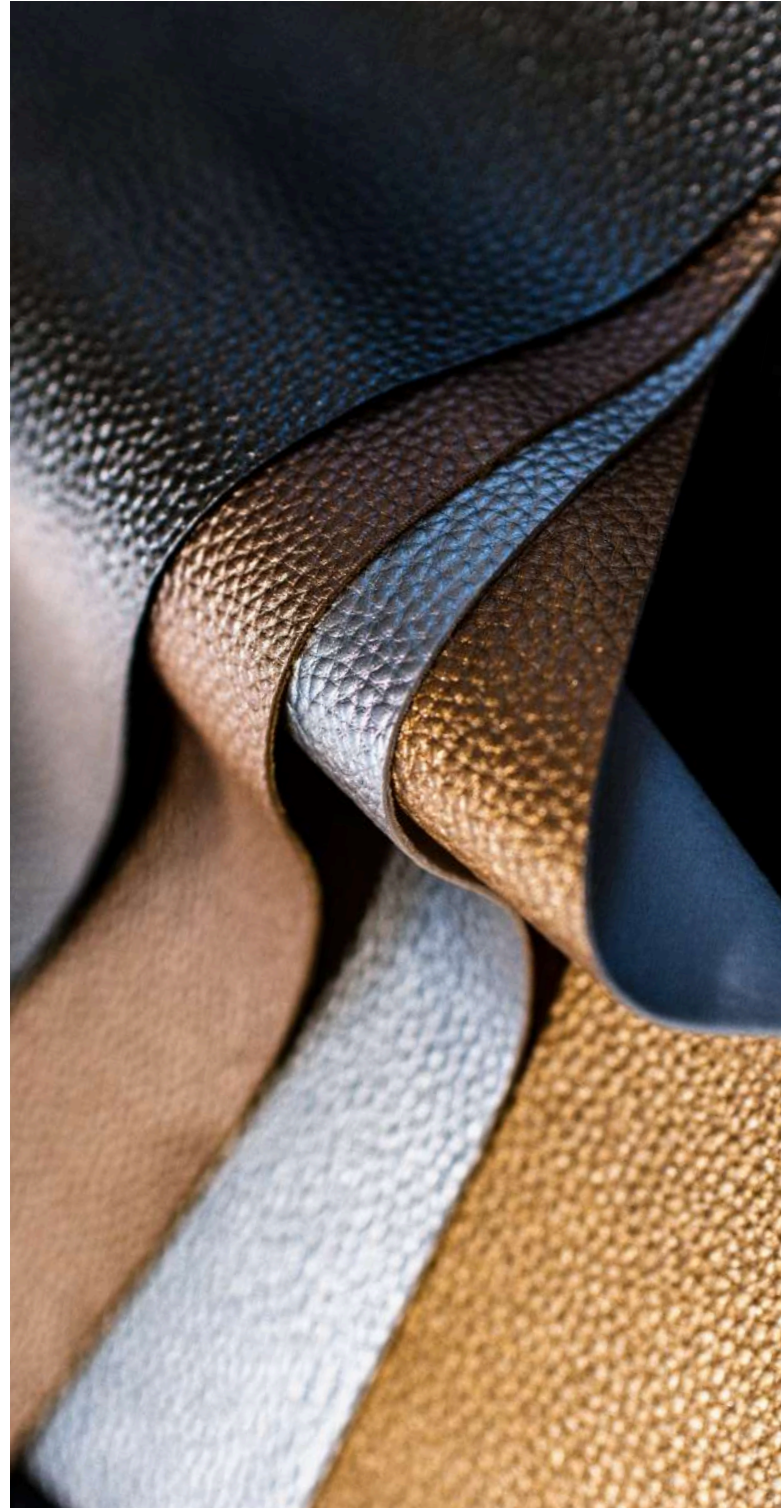
S.No	Scheme Component	No. of Programmes Conducted in 2018-19	No. of Programmes Conducted in 2019-20	No. of Programmes Conducted in 2020-21
1	Awareness Camp	21	9	8
2	Vendor Development Programme	3	4	6
3	Exhibitions	2	0	3
4	Skill Development Training Programmes (EDP, FEDP)	2	5	6

New Innovative Technology in Tanning Process

- **Electro-Oxidation Based Zero Wastewater Discharge Technology and Waterless Chrome Tanning Technology in existing Konoor Leather Park near Bhongir-** The Members of Konoor Leather Park Ltd are ready to enter MoU with Central Leather Research Institute (CLRI), Chennai and CLRI had agreed to provide license for two of the technologies developed and patented by CSIR-CLRI namely Electro-Oxidation Based Zero Wastewater Discharge Technology and Waterless Chrome Tanning Technology to reduce pollution and implement new innovative Technology by which many industries will invest in Telangana State.
- **Upgradation of CETP at Konoor Leather Park-** TSLIPC along with the Coordination of Central Leather Research Institute (CLRI), Chennai has proposed for the Upgradation of Common Effluent Treatment Plant (CETP) at Konoor and Warangal Tanneries and the proposals were sent to GOI.

Future Proposals

- **PPP Model-** TSLIPC would like to develop the Mini Leather Parks at Dendempally (NLGD Dist.), Duddeda (Siddipet Dist.), Polepally (MBNR Dist.), Jammikunta (KMNR Dist.), etc. in coordination with multinational units through Public Private Partnership (PPP) model.
- **Sale Point (Show Room) in every District-** To establish the sale point of Leather Goods at every District in Telangana State for unemployed youth at a cost of Rs.25 lakhs each.
- **Online Footwear Services-** To take up e-commerce online Footwear services by developing the Software similar to OLA/UBER in thickly populated urban towns/cities like Hyderabad, Warangal, Nizamabad, Nizamabad, Khammam etc.
- **Mobile van in each Mandal-** To implement a mobile Footwear Van services in all the Mandals of Telangana State in a phased manner which will provide self-employment to Trained Leather Artisans.
- **CLRI, CLE Extension Centers at Hyderabad -** TSLIPC has requested the Central Leather Research Institute CLRI and CLE for establishment of their extension center/branches and their services at Hyderabad.



Sugar Department

Overview

Sugar Department in Telangana has been working with a holistic approach to strengthen the sugar industry with suitable dynamic measures such as promoting sustainable sugarcane cultivation, promoting diversification of sugar industry by installing / expanding the distilleries with interest subvention schemes, Co-gen power plants and encouraging the ancillary units like Confectionary, beverages, food processing units and also business in transport, farm machinery etc. so as to strengthen the Agro based rural industry and economic growth in the state. The Sugar industry is providing work annually to about 30,000 of rural population including direct and indirect employment. The Sugar Industry is one of the sources of revenue to the exchequers in the form of GST on sugar, Ethanol, Molasses and other by-products besides taxes on industry raw materials.

Status of Sugar mills

Out of Eleven (11) Sugar Factories with installed capacity of 34,450 Tones crushing per day (TCD), co-gen capacity of 136.10 MW and distillery capacity of 260.50 Kilolitres per day (KLPD), one cooperative and three Joint Venture NDSL units are defunct and balance seven (7) sugar mills have been functioning with crushing capacity of 24,700 TCD, 109 MW Cogen, 229 KLPD distillery under private sector.

Sector Performance

- Avg. number of Sugarcane farmers – 31,000
- Area under sugarcane cultivation – 35,000 Hac.
- Sugarcane production – 30 Lakh MTs.
- Crushing production – 20.27 Lakh MTs
- Average sugar production – 2.14 Lakh MTs.

The state requirement of sugar is 7.34 Lakh MTs. (18.5 Kg X 3.644 Cr population), and the balance sugar requirement is being met from the neighbouring states.

During the crushing season 2020-21 about 18,500 farmers cultivated sugarcane in 20,500 Hectares and produced about 14.00 Lakh MTs, out of which Sugar Mills have crushed 11.92 Lakh MTs of Sugarcane and produced 12.31 Lakh Qtls of Sugar; Captive distilleries produced 30,621 Kilo Bulk Litres of Ethanol and supplied 6,837 Kilo Bulk Litres to EBP and 15,668 Kilo Bulk Litres to Liquor manufacturing and for other purposes. Captive Co-gen units generated 65.43 Million units (MU) & supplied 38.79 MU of surplus power to power grid after own industry consumption of 26.64 MU.

The Sugar department enforced various Central and State Acts and Rules and ensured cane price payment. Department encouraged farmers for sugarcane plantation



and achieved 18,700 Hectares as on date and is estimated to reach 25,000+ Hectares for the ensuing 2021-22 crushing season by supplying various inputs and infrastructural developmental activities on subsidy basis through Cane Development Councils in the factory zones. Sugar mills also encouraged farmers with subsidies, incentives, loans etc., to increase the cane areas in the factory zone.

Future prospects

With all the efforts made by the department and Industry, the present installed capacity of Sugar Industry in the state is capable of meeting 50% of the state's sugar requirements and Captive Distilleries of sugar mills are striving to achieve 50% of target fixed by GOI for Ethanol Blending Petrol (EBP) program after meeting the state Pharmaceutical and Liquor industries requirements which is a major source of income to the exchequers. Hence there is lot of scope and need to improve the cane area to enhance the capacities of Sugar/ Distilleries to meet 100% Sugar and Ethanol requirements.

Government of India interventions

During the pandemic, Government of India under Atma Nirbhar program has taken certain policy initiatives for enhancement of production and supply of Ethanol for Ethanol Blending Petrol (EBP) program with an aim to achieve multiple tasks such as minimizing the crude oil imports, conserving foreign exchange, reducing carbon emissions and boosting agriculture sector and has requested all the sugar mills in the country to increase the Production and Supply of Ethanol from captive distilleries to enhance ethanol distillation capacities up to 900 Cr. Ltrs, in order to achieve 20% of Ethanol blending by 2025.

To achieve the above target the Govt of India intervened in the following areas:

- Amended the Industries (Development & Regulation) Act, 1951 and removed the State authority on fuel grade ethanol and molasses used for manufacture of Fuel grade Ethanol
- Reduced GST from 18% to 5% from 2018 on Fuel grade Ethanol of EBP program
- Delegated powers to State Environment Impact Assessment Authorities for issuing EC to molasses based distilleries up to 100 KLPD and 200 KLPD for non-molasses based distilleries. To exempt these projects from Environment Impact Assessment (EIA) study and PH thus saving 5-7 months' time in granting EC
- Announced a new Biofuel Policy by allowing cane juice, B-molasses, Surplus maize, damaged food-grains etc. for production of Ethanol
- Taken initiatives like Fixation of Ethanol procurement price in place of auction price with Calculation of Ethanol pricing formula, with multiple ethanol prices linked to raw material price, and not to crude oil price
- Notified modified interest subvention scheme for setting up new distilleries and expansion of existing distilleries to produce Ethanol from other 1st Generation (1G) feed stock
- GOI informed that Karnataka and few other States have already implemented the amended provisions of IDR Act, 2016, besides state policies, and enhanced their Ethanol production capacity achieving self-sufficiency and fulfilling EBP targets and requested all states to follow suit

GOI intervention suggestions to States for sustaining Sugar and Ethanol Productions

- Complying with the amended provisions of IDR Act, 2016
- Exemption / Remission in stamp duty on registration of land

- Land diversion charges
- Subsidy on capital invested and interest on capital
- Reimbursement of SGST etc.
- Promoting the modified scheme to entrepreneurs and encourage them to participate
- Facilitate in arranging land, to get all clearances for new distilleries

Steps taken by the Sugar Department

- Taken up cane developmental activities through CDC with subsidies
- Motivated industry to encourage farmers by providing inputs, subsidies etc.
- Encouraged / supported Research station by providing budget for development of High Yielding Varieties
- Requested/ coordinated with Agriculture and Horticulture Departments for implementation of Farm mechanization and drip scheme
- Creating awareness among entrepreneurs and encouraging them for establishment / development of sugar complexes with diversification of existing units
- Promoted ancillary units and allied food processing units by utilising the schemes announced by Govt. of India with a vision to achieve the concept of manufacturing hub in the rural areas with an endeavour to generating more employment in the rural agro based industry sector



Manual harvesting of sugarcane



Sugar Factory complex



COGEN- Power Complex



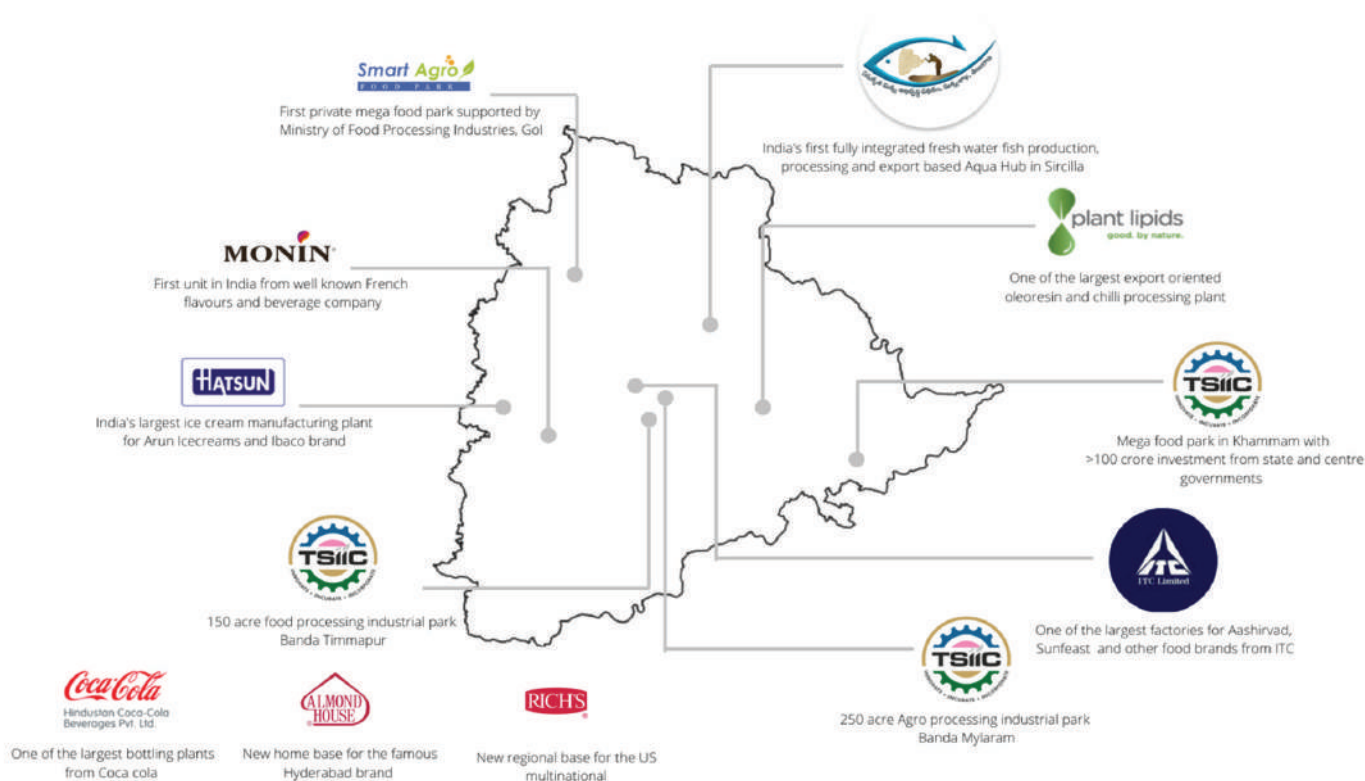
Cane harvester supplied by Govt.



Distillery - Ethanol Complex

Food Processing

Key Highlights



Major food processing projects underway in Telangana

Food processing sector continued to show robust growth even during the pandemic situation. Telangana emerged as a top destination for major multi-national and domestic enterprises. Two new TSIIC food processing parks – Banda Timmapur and Banda Mailaram, which were launched this year are nearly fully occupied generating a total fixed capital investment of approx. Rs 1,500 Crores in these parks for the food processing sector. New superfoods based food processing park in Narmala, Sircilla has also shown significant promise and garnering lot of investor interest based on attractive prices, assured water availability and availability of much improved access and utility infrastructure. Several major projects continue to be under implementation across the state.

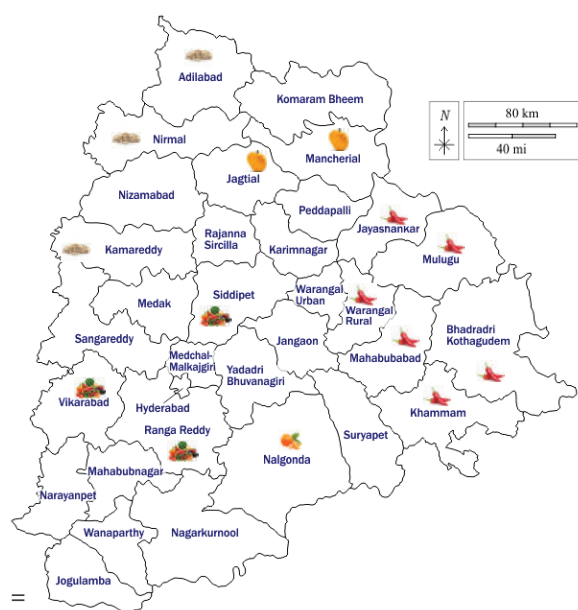


New scheme for formalization of micro enterprises

Telangana is working with the government of India to implement a new scheme to support formalization, upgradation and expansion of already existing micro food processing enterprises across the state. Out of more than 17,000 micro food processing enterprises surveyed, about 5,000 have been identified for upgradation over the next 4 years. Each enterprise will receive 35% grant in aid upto Rs 10 lakhs to upgrade and produce under a common umbrella state brand. More than 70 new products will be produced from these micro food processing franchises. More than 700 such enterprises are already under implementation.

One District One Product

Upto 50% grant-in-aid is being offered for development of common infrastructure and development of marketing and branding for one focus food processing based product identified for each district in collaboration with Ministry of Food Processing Industries, Government of India.





Online

Rice based Products Webinar

Opportunities and Scope for Value addition in Rice based products for MFES

- Thursday, April 29, 2021, 2:00 pm to 4:00 pm



Join the Webex meeting here.



Speakers			
Dr. A. Poshadri Scientist, Food Technology, PITSAD Various technologies and value-added products in rice with relevance to opportunities for MFES Enterprises	Mr. Ramesh MD, Telugu Foods Role of Branding and Marketing in Food Products	Mr. Ravindra Rao MD, Sundhi, Khadi Gramodyog Bhavan Rice based products on a small scale enterprise and success story of Sundhi, Khadi Gramodyog Bhavan	Mr. Praveen Reddy Chairman, MCRIMS Role of PPOs / Cooperatives in establishing Food Processing Enterprises and a brief success story / Journey of Malkajgiri Cooperative Credit & Marketing Society

Online webinars being conducted to impart trainings to identified entrepreneurs

Dedicated training and skill development is underway with 33 district level resource personnel staffed through partner organizations. 66 master trainers with product and enterprise based knowledge have also been deployed (2 per district) to support local entrepreneurs. 4 incubation centres are being built across the state for demonstration and training purposes



Toys Sector

India has set the ball rolling for a self-reliant toy industry. Telangana State has various toy manufactures – Traditional Toys, STEM toys, Electronic toys, Soft toys etc. As the State is the third highest producer of cotton, many soft toy manufacturers have also set up their units here. Telangana is a manufacturing hub and many high quality toy ancillaries can be easily made available for tie up with prospective investors in the sector.

Traditional Toys

In Telangana, importance is given to sustainable toys. Traditional dolls and toys are replicas of things from the surrounding life. These are essential to protect the tradition, cultural values of this region.

Nirmal Toys (Registered GI)

Nirmal toys are world famous traditional wooden toys, exclusively made in the town of Nirmal in Adilabad district of Telangana, India. Nirmal Art is 400-year-old rich tradition that encompasses soft wood toys, occupying its pride and place in the larger world of handicrafts.

Bontapally Toys

Lacquer wooden Toys are special toys which are made in Telangana, these are light weight wood toys which improve physical activity in children. Wooden toys tend to last longer, desired output or designs can be achieved with the help of proper skilling & latest Technology.

Handicrafts and GI toys

These toys made in India are exempted from BIS certification. Import duty on foreign toys has recently been increased. This will provide a protection to the locally manufactured toys and has been an encouraging news for artisans. The department is also planning to submit proposals for these two cluster developments.

The India Toy Fair 2021

Government of India launched 'The India Toy Fair 2021' from 27th February to 2nd March 2021 through the first ever digitally accessible exhibition and platform, where online browsing and purchase of toys was enabled. Participants could also attend online events, activities and network with the various stakeholders of the Toy Industry. Telangana was a state partner in the event and contributed in a big way towards the success of the India Toy Fair 2021. Post event, investors have visited the State and have shown interest in investing here.



Visit to Universal toys



Toy Fair awareness Program – MSME



Visit to Universal toys



Awareness Program for Artisans- EPCH

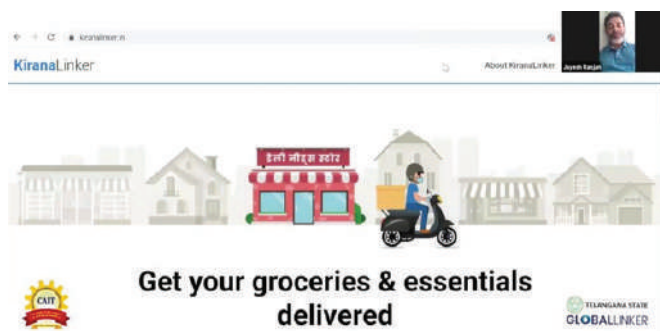
Retail Sector

Retail sector was one of the most affected sectors during the Covid pandemic and the magnitude of impact varied across segments. Organized retailers were heavily impacted by the shutdown of malls and shops while the influence on essential goods retailers was minimum.

Non-essential segments such as apparel, jewellery, shoes and consumer electronics reported major losses due to pandemic. According to a McKinsey India report, both kirana stores and e-grocers had an almost 40% spike in purchases during Covid. Essential segment players therefore faced challenges of a different kind due to spikes in demand and had to cope with supply chain challenges, modifying store operations to maintain safety, shortage of staff etc.

KiranaLinker

Government of Telangana formally announced the launch of www.kiranalinker.in on 3rd May 2020. KiranaLinker initiative was aimed to digitise Kirana traders across the State to supply essential commodities during Covid-19 pandemic. It allowed traditional grocers to create their eStore in a matter of minutes with integrated payment gateway and logistics solutions. This service was particularly relevant during the lockdown, with restricted movement and social distancing becoming the norm. Consumers could stay safe at home while ordering essential commodities online from their local kirana. Within 72 hours of this initiative being launched, over 150+ stores were created and currently 1100+ stores are registered on the portal from across Telangana.



OnePlus opens its biggest Experience store in Hyderabad

OnePlus unveiled a new experience store in Hyderabad. This store is also its largest in the world. Spread across 16,000 sqft, this new experience store called the "OnePlus Nizam Palace" also includes a large customer service center with dedicated glass cubicles for customers to meet and consult service executives.

Addressing the launch, Vikas Agarwal, General Manager, OnePlus India, said, "OnePlus remains committed to achieving long-term growth in India. We chose Hyderabad to open our first R&D centre in the country and today we are proud to be back in the city with our largest experience store."



RAI Retail Leadership Summit 2021

The Retail Leadership Summit 2020, the annual event of Retailers Association of India (RAI) was held online from February 24 to 26, with participation from India and abroad. Prl. Secretary, Shri Jayesh Ranjan, IAS, Industries and Commerce Dept. was the guest of honour for the event. The event witnessed stimulating exchange of ideas between retail industry stalwarts on the way-forward for the Indian Retail Industry into the Next Normal.

During the opening speech, Kumar Rajagopalan, CEO, RAI, said “The year 2020 is a testimony to the resilience of the Indian Retail industry and its capability of innovating on various levels under tough situations. We are grateful to the central and states Governments and local Authorities who supported the industry so that we were able to serve the customers.”

In his keynote address, Sri Jayesh Ranjan, congratulated the Retailers Association of India (RAI) for managing the pandemic situation with fortitude and showing organizational

excellence in how one escalates and follows up on industry concerns.

Sri Ranjan also expressed that the Telangana State Government would like to work with RAI for retail focused initiatives, which the state government is looking at implementing in the near future like the Rural Marts, accelerating Digital Transformation of small stores/kiranas, and Design Strategies for transforming retail experience in the state.

The summit saw participation of about 150 Indian and International retail leaders from companies such as Titan, Reliance Retail, Spencer's Retail, BigBasket, Arvind Ltd., V-Mart, Ikea India, Lakme Lever, Clothing Manufacturers Association of India, Kaya Ltd., Landmark Group, Levi Strauss & Co., Madura Fashion & Lifestyle (MF&L), Aditya Birla Fashion and Retail Ltd. (ABFRL), Shoppers Stop among many others. The 10th edition of 'TRRAIN Retail Awards 2021' were also hosted along with the Top 10 Best Places to work in Retail 2021.

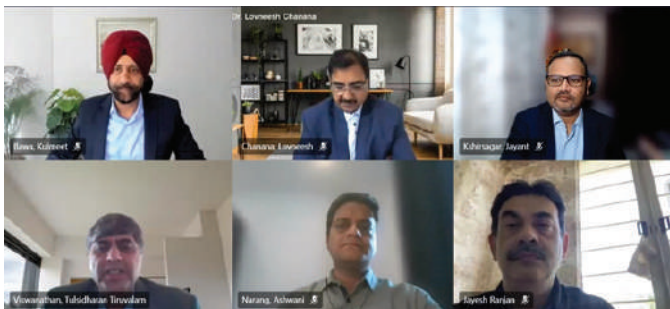


Telangana State has an estimated 26.05 lakh MSMEs with micro-enterprises alone accounting for more than 25 lakh units and the remaining units are small and medium enterprises. MSMEs are the largest employers in the State after agriculture and construction sectors. Hence, the State government has made efforts to support the MSMEs to regain their strength and continue with their operations without much disruption due to Covid pandemic.

Collaborations to support MSMEs

SAP

The Government of Telangana partnered with SAP on 23rd Dec 2020. Under the MoU, the State MSMEs will get easy access to the marketplace, skilling and ERP solutions of SAP. They will have open access to SAP Ariba Discovery where any buyer can post sourcing needs and any of the four million suppliers on Ariba Network can respond with their ability to deliver the goods and services required. The MSMEs will also be provided accessibility to 240 courses, under SAP India's Golden Peacock Award winning digital skilling initiative – Code Unnati. The focus of these courses would be Digital, Financial, Soft Skills and Productivity Technologies that will digitally skill the workforce and help them adapt to the new working environments. MSMEs will be provided with affordable and accessible enterprise technology. With the help of Bharat ERP initiative, they will be able to adopt SAP's world-class ERP, Business One Starter Pack on the cloud. "SAP is committed to align with the nation's digital agenda by supporting MSMEs with the best suite of solutions to embrace innovation and make them globally competitive," said Kulmeet Bawa, President and MD, SAP Indian Subcontinent.



Sapio Analytics

The Government of Telangana along with GlobalLinker, partnered with Sapio Analytics for their Accloud platform on 9th Nov 2020. Under this collaboration Sapio Analytics provided 20,000 free licenses of Accloud software for one

year for the use of local SMEs in Telangana through the GlobalLinker platform. The cloud-based accounting & automation software (Accloud) will help MSMEs in ease of carrying out business functions like sales, purchase, inventory management etc. Mr. Ashwin Srivastava, CEO, Sapio Analytics, said "We are pleased to partner with the Government of Telangana and present this comprehensive and easy to use software to the businesses in the state of Telangana. We believe that this will help businesses digitize their operations and find simple ways to be compliant with GST, while not giving too much time away from the core business."



BSE SME Index

Government of Telangana along with GlobalLinker, signed an MoU with BSE (Bombay Stock Exchange) on 19th Oct 2020. The partnership with BSE, India's premier exchange came into picture to address a vital challenge of access to finance and increasing credibility of the MSME. BSE will provide intellectual & manpower support to create awareness about the importance and benefits of listing. Lack of awareness around this subject has led to a lot of preconceived notions that listing involves increased compliance levels, increased costs and more. Shri. Ajay Thakur, Head BSE SME & Startups, said, "MSMEs are the backbone of the economy and therefore their growth is a prerequisite for the growth of the state and the country. This association will help in creating greater awareness about benefits of listing amongst MSMEs of Telangana."



TS- GlobalLinker Updates

Govt. of Telangana partnered with GlobalLinker portal in March 2019 to create TS-Globallinker, an online free services portal for Telangana MSMEs. GlobalLinker Portal has a total membership of 3.5 lakh MSMEs across India, and other South-east Asian Countries such as Philippines and Thailand. The portal has 7,000+ MSMEs registered from Telangana of which 1800+ new members were added in the previous year.

Telangana State GlobalLinker provides a vast range of services for smooth & efficient functioning of businesses. Ranging from offering free e-commerce stores, enrolling to a special purpose Telangana Mall, saving on business costs, providing legal services at pre-negotiated rates and more. During the crisis, Telangana State GlobalLinker initiated KiranaLinker to help the citizens get essential commodities from their nearest Kirana without any contact & hassle thereby empowering the Kirana's as well. A community was formed with experts & advisors, relevant content was posted to help revive the businesses.

Telangana State GlobalLinker initiated a series called Growth Talks - to spread knowledge and recognize SMEs. This is done in two formats - Webinar & Instagram Live. GlobalLinker Growth Talks brings together the forces of industry specialists and domain experts to share practical knowledge and tips with SMEs, in a series of growth focused webinars. Each webinar is a catalyst for business growth with actionable insights in a crisp, meaningful, and interactive format. Some of the sessions conducted were:

- Packaging Tips for Pharma Products
- Is your startup investor ready?
- How to create your e-store and sell online
- Instagram Live series: In conversation with Himani Gupta, founder of Kritikala - apparel brand in Telangana.

CII MSME Summit

Confederation of Indian Industry organized Telangana MSME Summit, a Conference on 'Empowering MSMEs and Bringing the Growth Back amidst the Changing Trade Dynamics' on 7 Nov 2020.

Mr Jayesh Ranjan, IAS, Principal Secretary, I&C, ITE&C depts, Govt. of Telangana in his inaugural address suggested that making effective use of digitalization, targeting newer domestic as well as export market and collaboration among MSMEs working in same sectors are the three key success mantras to achieve sustainable growth post COVID-19.

Mr Jun Zhang Country Head- India, International Finance Corporation said that the USD 8 billion fund was fast tracked for financing and so far, 4 billion USD has been dispersed to sustain businesses and preserve jobs after the outbreak.



The year for Telangana Industrial Health Clinic has been a progressive year despite of challenges due to Covid-19. TIHCL has adopted a new approach in evaluation considering Covid-19 and its impact on MSEs ecosystem. This year TIHCL focused on consultants and advisory for stressed MSEs.

TIHCL has continued its efforts to engage with Banks and MSMEs spending considerable time in awareness building and identifying potential stressed enterprises. Apart from this, TIHCL also engaged with Industrial association and IALAs.

TIHCL has spread its wings by conducting training session for IPOs and Additional Director of COI department to make them familiarized with Banking terminology which in turn helps MSEs.

A new initiative of Doorstep engagement with the Micro and Small entrepreneurs who are facing stress at the industrial clusters has been started with a view to enhance TIHCL's involvement so that adequate help can be provided. This engagement intends to resolve the issues, financial or non-financial, faced by the businesses at the ground level. The initiative began with Patancheru and Pasamailaram clusters where TIHCL's executives have been visiting continuously.

Additional services have been introduced such as TReds (Trade Receivables Discounting System), Udemmy registration, and GEMs implementation

The company completed 4 years of operations and handled client issues from 275 MSEs, safeguarding Assets worth Rs.95.51 crore and saving employment of 1766.

Performance of TIHCL as on 31.03.2021

TIHCL Progress	No of accounts
Total Applications received	275
Resolved (financial & Non-Financial)	87
In Process	10
Units found to be unviable for revival	20
Units found to be Wilful Defaulters	12
Non-Potential	146
Total Value of funding (Rs in Lacs)	341.43



As per G.O Rt. No.78 dated 14.05.2019, any request for release of pending incentives on priority basis by Micro, Small Manufacturing Entrepreneurs shall be routed through TIHCL and TIHCL to conduct a thorough study of the request of the Unit, in consultation with the concerned GM, DIC and recommend to the Government for Orders. Priority Release cases handled by TIHCL so far are as below

Priority Release Cases handled by TIHCL	No of Accounts
Total Applications received	147
Process completed Cases	73
Returned Cases	49
In process	8
On Hold (for want of details)	4
Under process with DIC	13

Official Launch of Hyderabad Science and Technology Cluster

The Hyderabad Cluster, a Mega Science and Technology (S&T) Cluster initiative of the Office of Principal Scientific Adviser (PSA) to Government of India, was launched by Hon'ble Minister Shri. K.T. Rama and Prof. K. Vijay Raghavan, PSA, in the presence of Mr. Jayesh Ranjan, IAS Principal Secretary, Industries & Commerce (I&C) and IT Departments, Government of Telangana, Dr. Arabinda Mitra Scientific Secretary, Office of PSA, and Mr. Ajit Rangnekar Director General, RICH.

The virtual event, held on 8th January, 2021, was attended by over 200 participants from diverse backgrounds including eminent industry leaders, research and academic institution heads, scientists, startups and government officials.

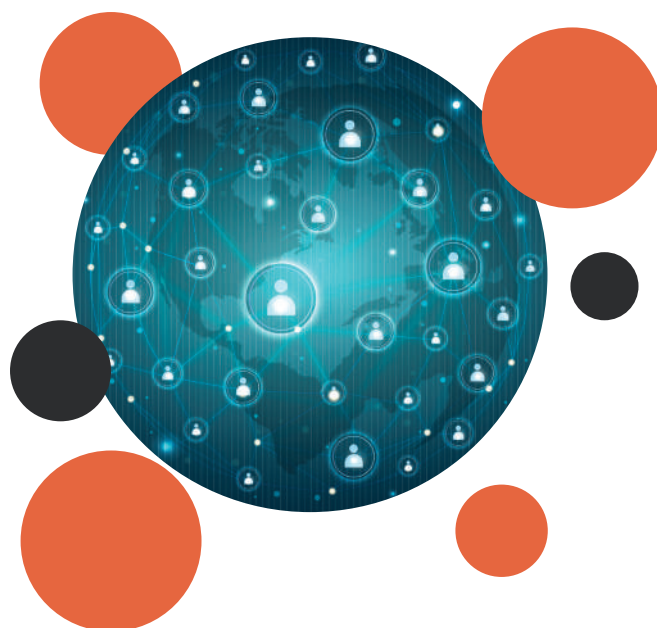
Led by RICH, the Hyderabad S&T Mega Cluster aims to bolster scientific collaboration in the innovation hub of the country – Hyderabad.

The Cluster aims to solve complex local challenges by connecting diverse stakeholders by providing innovative solutions that transform lives. The formation of the Hyderabad S&T Mega Cluster will strengthen the available body of knowledge and drive innovation for addressing key problems at the city and state levels.



Transformational Initiatives

- Hyderabad Reagents Consortium** – The enormous challenge of a severe shortage of CoVid diagnostic testing kits during the pandemic has hampered the country's plans for large-scale testing of the population. The Reagents Consortium program has been launched to fill the gaps in the affordable manufacturing of indigenous diagnostics and reagents. The Hyderabad Chapter is being led by



CSIR-CCMB (Centre for Cellular and Molecular Biology) and supported by RICH.

CCMB has identified 20+ MSME manufacturers of components, reagents and kits, and are actively assisting these MSMEs for quality testing, validation and capacity building. The pilot phase of the program, which concluded in March 2021, has been funded by FIND India (Foundation for Innovative New Diagnostics) with support from Bill and Melinda Gates Foundation.

RICH is also supporting the National Reagents Consortium with Demand Estimation Study to predict the national demand for CoVid test kits to increase the preparedness of the indigenous manufacturers for scaling up.



- Emerging Tech in Agriculture** – RICH conceptualized the project - 'Leveraging emerging Technologies for Agricultural Development in Telangana' in collaboration with the

Department of Agriculture and the Department of Emerging Technologies, Government of Telangana. The project has received funding from the Ministry of Agriculture and Farmers Welfare, e-Government of India, under National e-Governance Plan in Agriculture (NeGPA). This project will identify and demonstrate emerging technology solutions for five major farming challenges including crop planning, irrigation management, soil nutrient management, farm automation, produce quality assaying and traceability.

- **Agricultural Data Standardisation** – Agricultural data has been managed by various stakeholders in isolation and has not been standardized. RICH has collaborated with NASSCOM to develop standard data collection formats for data capturing and data management protocols. These formats will be tested by the Department of Agriculture, Government of Telangana, which will be validated and adopted across the country.

- **Artificial Intelligence for Agricultural Innovation (AI4AI)** – RICH is working with the World Economic Forum (WEF) in developing a global strategy paper on AI4AI.

Institutional Startup Programs

- **CoVid Management** – RICH, along with the other innovation ecosystem players in the state, has been actively supporting the Government of Telangana in its fight against the CoVid pandemic. To bolster the state's efforts, RICH constituted a panel of experts comprising of a diverse group of doctors, public health researchers, VCs, MedTech experts and academicians who helped in the evaluation of the readiness and preparedness level of over 50 innovative technologies and solutions shared by startups across the country. Over 40 startup app solutions in the screening, monitoring and management space, about 8 domestic and international diagnostic companies developing CoVid detection assays and devices, and a few others in the PPE, disinfection, sanitisation and biobanking space were evaluated.

- **Rejig Hyderabad Startup Initiative** – RICH supported the Telangana innovation ecosystem enablers and incubators for the Rejig initiative to bring the select startups the much-required curated support, mentoring and access to industry and investors during the pandemic. RICH was allocated 13 startups (mostly in health tech sector) and 4 mentors to hand hold for the entire month. RICH organised mentoring sessions with the startups and mentors, and a demo day of all startups (125 in total) was scheduled in September 2020 to a larger audience and experts.

International Partnerships

- RICH signed an NDA with LSV Capital, a UK-based early-stage investment and venture studio firm working

exclusively in the field of Lifesciences innovations and digital healthcare. RICH introduced the LSV team to the key enablers to collectively showcase Hyderabad's strengths in the space. Four startups (Cognitive Care, Healthkon, Onward Assist and Statwig) pitched to the LSV team during the meeting.



RICH and LSV Capital teams in a discussion

- RICH collaborated with Viva Bio Accelerator, a Shanghai/US based venture capital firm with a focus on early stage investments in drugs & therapeutics to showcase investment opportunities in this field from the Telangana ecosystem.

Ecosystem Development Activities

- RICH signed an MoU with Vaagdevi Incubation and Business Accelerator (VIBA) of Vaagdevi Colleges, Warangal in October 2020 for mentoring agri start-ups and facilitating establishment of Innovation and Research Ecosystem in the College. RICH and VIBA aim to initiate and implement interdisciplinary research programs.



Mr. Bhubesh Kumar, Director, Food and Agriculture, RICH with the Heads of the Departments of Vaagdevi Group of Colleges

- RICH prepared the first-ever 'Emerging Technology Compendium' for AgriTech solutions featuring about 85 emerging technology companies.

- RICH facilitated the signing of an MoU between Chaitanya Bharathi Institute of Technology (CBIT) and T-works in February 2021 to promote student innovation and entrepreneurship. The MoU will provide students access to mentorship opportunities from industry professionals and access to prototyping facilities at T-works. This initiative includes a specific tailor-made industry training program for students and faculty members with an aim to inculcate design thinking at the grassroots levels.



Mr. Bhubesh Kumar, Director, Food and Agriculture, RICH with the officials of CBIT and T-Works during the MoU signing event

- RICH signed an MoU with Anurag University, Hyderabad in March 2021 for academic collaboration to fuel a robust student innovation ecosystem. Besides enhancing academic and research interaction, the MoU will facilitate capacity-building based on collaborative research projects such as developing a Digital Crop Decision Making System and establishing a Medicinal Plants garden.



Prof. S. Ramachandran, Vice Chancellor, Anurag University and Mr. Bhubesh Kumar, Director, Food and Agriculture, RICH exchanging the MoU

Startup Advisory Services

RICH worked with over 100 startups this year in the Lifesciences (75+) and Agriculture (25+) sector. Some of the highlights are:

- RICH mentored Bynark Engineering to develop the most comprehensive ERP system for the Indian Seed Industry - the 'Agro Stack.io' enabling them to manage all major activities from research to seed sales. Agro Stack will be the first-ever traceability platform using dynamic QR codes. The platform will be implemented in one of the lead seed companies in Hyderabad.

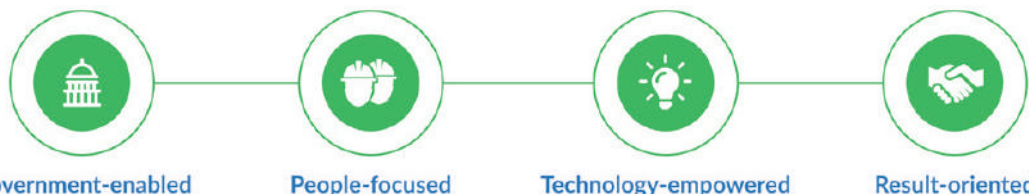
- RICH assisted Nanowings, a company working on research projects in the area of Nano Science and Technology, in connections with PHFI-IIPH on graphene based re-usable face-masks technology for effective thermal inactivation of CoVid. RICH also assisted the company in its business expansion by helping them secure a land/shed (under TSAIDCL Industrial Park in Khammam district), post completion of the prototype work for water-based disinfectant.

- RICH mentored Marut Dronetech to develop and test the country's first-ever Seedcopter drones for sowing seed balls in Veeranapalli forest of Sircilla District. Seedcopters are the next-gen machines for mass afforestation.

- RICH facilitated investment discussions between Bioprime, an agri startup manufacturing nano pesticides and fertilisers, and Prasad Seeds that led to a funding of INR 3 Crores for Bioprime to scale its operations across the country.

- RICH supported 21 emerging technology Agri startups to be incubated at the Ag-hub of Professor Jayashankar Telangana State Agricultural University (PJTSAU), Hyderabad. Ten selected startups have signed MoUs with Ag-hub to conduct field trials in Telangana and will receive financial support from Ag-hub.

DEET - Platform Overview



DEET is an AI & ML powered recruitment app that connects job seekers and employers through demand, talent, location and behaviors through a mobile app and dashboard portal. It is a singular medium for the government to reach out to young citizens and engage them in an activity that matters most to them, through a technology that is most popular amongst them.

Operations during Covid

Vacancies Generated During COVID-19 Lockdown

- DEET B2B team onboarded 250+ new companies during the COVID phase, along with creating 4000+ new job postings and generated 1,35,000+ vacancies to increase the number of opportunities for the job seekers searching for jobs.
- During the COVID-19 lockdown phase (from April'20 to September'20), there were 2500+ interviews scheduled in 30+ companies, which includes Delivery Executives, Telecallers, Health Care Associates, HR Executives, and more roles from E-Commerce, Healthcare, Staffing & Service Industries.

DEET Jobseeker Customer Engagement

- DEET has been actively helping job seekers by connecting them with employers within the DEET Job Search app, and have been helping schedule the Online Video Interviews to ease the hiring process.
- DEET has been promoting a Free Resume Builder Platform across its social media channels, WhatsApp Groups and

Community Groups for the jobseekers, where anyone can build a Resume, CV, and Cover Letter easily, and can be shared easily with unique URL.

DEET Community Groups

- DEET started connecting with job seekers by creating community groups in Facebook, Telegram and WhatsApp.
- 8800+ Job seekers have joined the groups, where DEET shares the Walk-In Interview schedules & Jobs available on the platform.

DEET Jobseeker Awareness Notifications & Opinion Polls

- DEET initiated broadcasting Jobseeker Notifications and Polls feature to share Information about DEET, Job Search Tips, Resume Building Tips, Vacancy Insights, etc.
- More than 300 such informative notifications have been sent on DEET broadcast channel starting from Aug'20.

DEET Online Webinars for Jobseekers

- 20+ Online Webinars were conducted for Jobseekers with an average of 50 participants in each webinar.
- During these Webinars, the job seekers were informed about the tips and tricks to start their job search and resume building.
- Multiple interactive sessions involved direct conversations amongst the participant job seekers with guest HRs.



**One Touch
Apply**



**Location
Enabled Jobs**



**High Relevance
& Matches**



**AI & ML
Powered Results**



**Mobile & Web
Focussed**



**Chatbot &
In-App Chat**



**Schedule
Interviews**



**New Initiatives
& Policy Details**

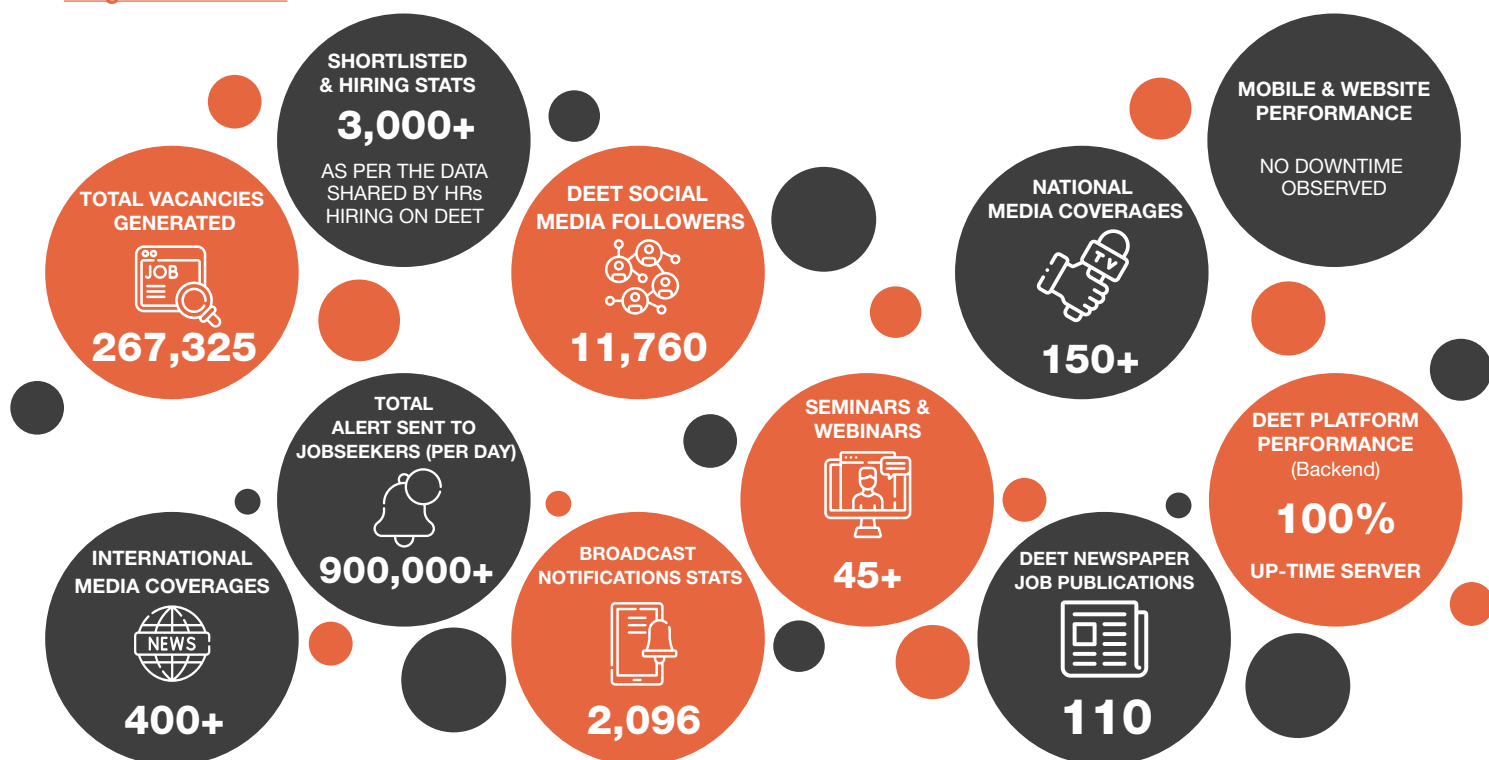


**Real Time Job,
Skill & Training Alerts**



**Advanced
Filters**

Progress Overview



Partnership & Collaboration

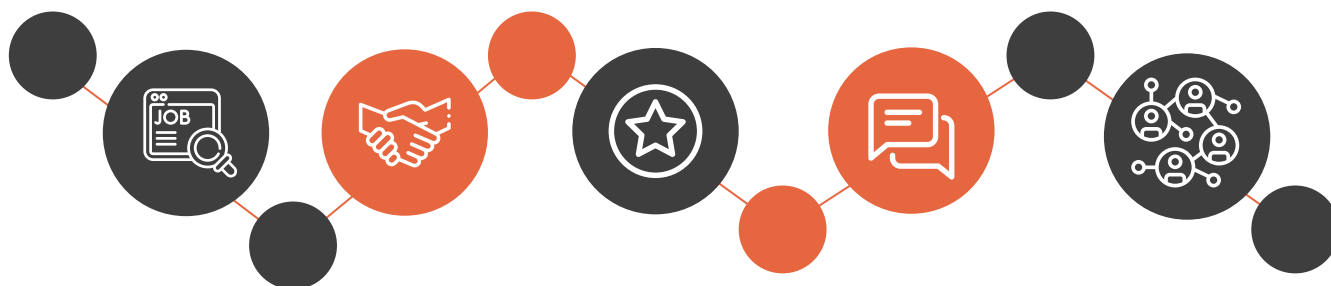
Digital Employment Exchange of Telangana (DEET) officially collaborated with Equifax, the multinational consumer credit reporting agency on 18th December 2020 to provide Employment Verification Services and Credit Reports. With this partnership, DEET aims to streamline the process of employment verification and strengthen its authenticity.

The collaboration of DEET platform and Equifax will enable the latter to have a reach to all types of companies from Micro, Small & Medium Enterprises (MSMEs) to Large Enterprises and DEET will enable companies to hire faster through its highly relevant results. This streamlining will simplify the process and help both the hiring companies and job seekers. Further, the job seekers registered on DEET can leverage this collaboration in getting verified credit reports from Equifax to check eligibility and apply for loans and mortgages.

DEET - Vision for the future

DEET team is currently working on the following three upgrades to realise the Telangana State's vision for a one-stop skill development portal:

- **Surveying Tool**
It will enable simplified data collection for on-ground staff during the household skill gap analysis
- **Skill Development & Job Portal**
In addition, with the existing job search portal, a skill improvement platform will be attached to let users discover & join skill development programmes
- **Executive Dashboard**
It will provide insights about department-wise, district-wise etc. performance to help the Government track progress & identify gaps



Industry Events

CII Make in Telangana Event

Confederation of Indian Industry (CII) in partnership with Government of Telangana organized “Make in Telangana”, a Virtual 2-Day Conference and 90-Day Exhibition with the theme “Invest in Telangana: Opportunities in a Post Covid World” in August 2020.

The conference was inaugurated by Shri. K T Rama Rao, Hon’ble Minister for IT, Industries, MA&UD, Govt. of Telangana. During the inaugural session, the Hon’ble Minister released Nizamabad District Development Plan and a handbook on Make in Telangana. The two-day conference was addressed by 50+ prominent industry leaders spanning 10 technical sessions moderated by sector specialists from Telangana Government in IT, Textiles, Electric Mobility, Defence and Aerospace, Food Processing, Lifesciences, Retail and Real Estate. The sessions were attended by over 1500 participants from Industry and academia, both from India and abroad.



Mr. K T Rama Rao, Hon’ble Minister for IT, Industries, MA&UD, delivering inaugural address; along with Mr Jayesh Ranjan, IAS, Principal Secretary, ITE&C, I&C, Govt. of Telangana



Virtual 90-Day Exhibition

FTCCI Excellence Awards

FTCCI Excellence Awards Function was held on 23rd January, 2021 at Federation House, FTCCI, Hyderabad. The awards were given in recognition of proven excellence /outstanding contribution in the areas of Industry, Innovation,

Research & Development, Association/ Chamber, Individual Achievement viz. Woman Entrepreneur, Science /Engineering, Outstanding self-sustaining effort by a Differently-Abled Person, Social Welfare and Differently-Abled Services.

Sri Ramakanth Inani, President, FTCCI congratulated the Telangana Govt. for their dedicated leadership in promoting the State as most progressive State and ensuring that the State remains at the top in Rankings in the country. He also complimented govt. for doing a commendable job in attending to industry problems always and particularly during the lockdown period.

Sri K. T. Rama Rao, Hon’ble Minister for Industries, Govt. of Telangana said that the State Govt. had allocated Rs 1,500 crore for industrial incentives in 2020 but could not implement that because of the pandemic, but he assured to provide the benefits soon.



FICCI - Special Session with Shri. K. T. Rama Rao

Addressing the special session on ‘Rebuilding and Rebooting Telangana’s Economy Post COVID-19’ organized by FICCI in June 2020, Mr Rao urged the Indian industry to come forward and invest in the state. Using this crisis as an opportunity, Mr Rao said that the state government will start focusing on the investments which are looking to move away from China and other large manufacturing countries. “Telangana is open for business and we are looking for investments in high employment generating sectors like textiles, electronics, life sciences, IT, and we will continue our endeavour to bring more investments,” he added.



The interactive session saw participation of Mr Jayesh Ranjan, Principal Secretary to Govt. of Telangana, I&C & ITE&C Departments along with FICCI Past Presidents Mr Sandip Somany, VC & MD, HSIL Limited; Ms Naina Lal Kidwai, Chairman, Advent Private Equity and Mr Harsh Pati Singhania, Vice Chairman & MD, J K Paper Ltd., Ms Pinky Reddy, Past President, FICCI FLO and Director, GVK Group; Mr Tanmoy Chakrabarty, Chairman, FICCI Committee on Urban Transformation and Group Govt Affairs Officer, Tata Sons Pvt Ltd; Ms V Kavitha Dutt, Chair, FICCI Tamil Nadu State Council & Joint MD, The KCP Ltd and others.

CII Telangana Annual Meeting & T-NEXT Conference

CII Telangana organized its Annual Session & T-NEXT Conference with the theme Reimagining & Catalyzing Growth for a Sustainable Tomorrow on 5th March 2021 in Hyderabad. Shri. K. T. Rama Rao, Hon'ble Minister for IT, Industries and MA&UD, Govt. of Telangana, inaugurated the conference and handed over award mementos for Haritha haram, Inspiring People Practices, IPR Essay competition and CSR to the winners.



In his inaugural address, Shri. K. T. Rama Rao said, "In all these years, the state government has been an enabler for industry and many of the industries in Telangana such as IT, Lifesciences, Defence & Aerospace, Movie, VFX & Gaming and Food Processing are growing. The State continues to attract many investments and renowned organizations from across the world." He also said that the Govt. is strongly committed to promoting industry in the tier-II & tier-III towns and is making lots of efforts in this regard.

World Intellectual Property Day 2020

A virtual Interactive session was organized by CII Telangana Intellectual Property Facilitation Cell in partnership with Govt. of Telangana to commemorate World Intellectual Property Day in April 2020 by discussing the Role of IPs for a Sustainable & Unprecedented World. The theme for the year was 'Innovate for a Green Future'.

Mr. Jayesh Ranjan, IAS, Principal Secretary, I&C and ITE&C, Govt. of Telangana, in his Inaugural address mentioned that the State Government always has high regards for Researchers, Innovators and IP Creators. And for this reason, first of its kind Telangana State Intellectual Property Awards (TS-IPA) was launched.

He mooted the idea of forming a task force to promote and enforce IPRs in the state with CII and other stakeholders. In addition, he also announced to possibly launch a 15 Day IP Refresher course on IP orientation for Research Scholars/PhD Students on IPRs. The Session was also addressed by Dr. H Purushotham, Chairman and MD, National Research Development Corporation, besides others.

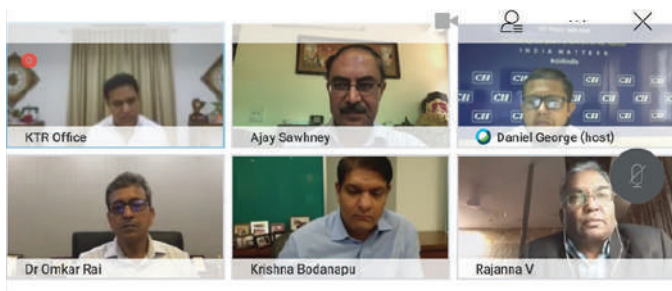


DIGITAL SUMMIT- "Digital Revolution in Post Covid Era"

CII in association with Govt. of Telangana organized the DIGITAL SUMMIT, a virtual conference on "Digital Revolution in Post Covid Era: Touching Lives & Enriching Businesses" in May 2020. "3Ds - Digital Literacy, Digital Infrastructure and Digital Innovation are three key enablers for India to chart Digital Revolution in Post-Covid Era", Hon'ble Minister K. T. Rama Rao said.

Chief Guest, Shri. K. T. Rama Rao further added, "Digital Revolution can only be possible if digital or even non-digital solutions can be accessed by a common man. If India has to grow leaps and bounds, we need to make people digitally literate, create broadband and other necessary digital infrastructure and innovate. It is also critical that Union Government encourages States to collaborate, coexist and compete with Global IT Value Chain as part of Digital India Strategy."

Mr. Ajay Prakash Sawhney, IAS, Secretary, Ministry of Electronics and Information Technology (MeitY), Government of India, congratulated and complimented Team Telangana for achieving 18% growth in IT exports in these challenging times. Addressing the summit, Mr Jayesh Ranjan, IAS, Principal Secretary, ITE&C, Industries & Commerce Dept., Govt. of Telangana, shared an experience on how around 1000+ Local Kirana Stores were empowered through the Digital Platform offered by the State Government in Covid times. He added that the Pandemic has provided a big push to the digital transformation in the country. Dr. Omkar Rai, Director General, Software Technology Parks of India (STPI) in his address spoke about the enabling environment provided by the IT Sector to ensure smooth functioning of Work from Home advisory issued due to Covid Pandemic.



Awards and Recognition

Minister K T Rama Rao receives 'Best Performing IT Minister' Award from SKOCH Group



SKOCH adjudged Minister for IT, K T Rama Rao, as the 'Best Performing IT Minister' in the country for 2020. He excelled in the 2020 rankings for his unwavering focus. He was adjudged the 'Best Performing IT Minister' in SKOCH rankings in 2016 earlier, this makes him the only State Minister so far to be conferred with the award twice.

Also, Telangana State won the best "e-Governance State of the Year" 2020 Award by SKOCH Group. The e-governance award was given to the State for the successful implementation of several government schemes.

Digital India Award for 'Excellence in Digital Governance – District' -2020



The District Website of Kamareddy, Telangana State got Silver Award in Excellence in Digital Governance – District category at Digital India Awards – 2020 Celebrations. The DIGITAL INDIA Awards – 2020 were conferred on Dec 30, 2020 by Honorable President of India Shri Ram Nath Kovind in the presence of Shri Ravi Shankar Prasad, Honorable Union Minister for Law & Justice, Communications, Electronics and IT, Shri Ajay Sawhney, Secretary MEITY and Director General, NIC, Smt. Neeta Verma. The prestigious award was received by Shri. Dr. A. Sharath, IAS, District Collector Kamareddy and Shri. Ravi Bandi, District Informatics Officer, NIC Kamareddy.

Contacts



Mr. K.T. Rama Rao
Minister for Industries & Commerce
Email: min_ktr@telangana.gov.in
Ph: 040 2345 3233 / 2345 0455



Mr. Jayesh Ranjan, IAS
Principal Secretary (FAC)
Industries & Commerce
Email: prlsecy-inds@telangana.gov.in
Ph: 040 2345 4449 / 2345 2985



Ms. Shailaja Ramaiyer, IAS
Secretary (Handlooms, Textiles & Handicrafts)
Commissioner (Handlooms & Textiles & AEPs) (FAC)
Email: tshandtex@gmail.com
Ph: 040 2322 1684



Mr. K. Manicka Raj, IAS
Commissioner of Industries
Email: coi.inds@telangana.gov.in
Ph: 040 2344 1666



Mr. E. Venkat Narsimha Reddy
Vice Chairman & Managing Director
Telangana State Industries Infrastructure Corporation
Email: vcmd_tsiic@telangana.gov.in
Ph: 040 2323 3596



Mr. Bhadru Maloth, ITS
Director (Sugar) & Commissioner (Cane)
commissioner_sugartelangana@hotmail.com
Ph: 040 2324 4293, Mob: +91 94936 03399



Mr. Rajkumar Ohatker
Additional Director
Commissionerate of Industries
Email: addldir.inds@telangana.gov.in
Ph: 040 2344 1626



Mr. V. Madhusudan
Chief Executive Officer-Projects, TSIIIC
Email: ceo_projects@tsiic.telangana.gov.in
Mob: +91 91337 12233



Mr. S. Suresh
Nodal Officer (TS-iPASS) & Joint Director,
Commissionerate of Industries
Email: dydir.sw.inds@telangana.gov.in
Ph: +91 96400 92967



Mr. Venkata Sekhar
IPO, Invest Telangana
Email: invest-telangana@telangana.gov.in
Mob: +91 86886 54321



Ms. Sreeha Reddy
Coordinator – Invest Telangana, Nodal Officer-Toys,
Industries & Commerce (I&C) Department,
Email: co-2prlsecy-inds@telangana.gov.in
Mob: +91 70369 90999



Mr. Ajit Rangnekar
Director General (RICH)
Email: dg-rich@telangana.gov.in
Mob: +91 98480 74662



Mr. D.V. Suresh Kumar
MD & CEO, TIHCL
Email: md@tihcl.org
Mob: +91 90001 85093



Mr. D. Srinivas Naik
Vice-Chairman and Managing Director
TSLIPC
Email: vcmdtslipc@gmail.com
Mob: +91 99493 59339



Mr. K. Venu Madhav
General Manager
Telangana State Trade Promotion
Corporation Ltd
Email: gm-logfin-tpc@telangana.gov.in
Mob: +91 99596 66303



Mr. Shakthi M. Nagappan
Director (Life Sciences & Pharma)
Email: dir_lifesciences@telangan.gov.in
Mob: +91 77027 78077



Mr. Praveen P.A.
Director (Aerospace & Defence)
Email: dir-aero-iic@telangana.gov.in
Mob: +91 96427 30037



Mr. Mihir Parekh
Director (Textiles & Apparel)
Email: dir-megatex-iic@telangana.gov.in
Mob: +91 93230 29190



Mr. Akhil Kumar Gawar
Director (Food Processing)
Email: dir-fp-ind@telangana.gov.in
Mob: +91 96427 30037



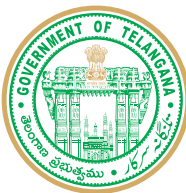
Mr. Rajendra Gaddam
Director (Logistics)
Email: reddygr@yahoo.com
Mob: +91 98665 99337



Mr. Gopala Krishnan
Director (Automotive)
Email: dir-automtv-ind@telangana.gov.in
Mob: +91 63799 68974



Ms. Vatsala Mishra
OSD to Prl. Secy., Director (MSME, Retail)
Industries & Commerce (I&C) Department
Email: dir-osd-ind@telangana.gov.in
Mob: +91 88601 05064



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<https://invest.telangana.gov.in/>
<http://www.industries.telangana.gov.in/>