

Telangana State Trade Journal

EXPLORING NEW TRADE FRONTIERS

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EXPLORING NEW TRADE FRONTIERS

TELANGANA STATE TRADE PROMOTION CORPORATION LIMITED

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Consul General of Royal Thai Consulate **Mr Nitirooge Phoneprasert** met **Sri KT Rama Rao**, Hon'ble Minister for Information Technology, Electronics & Communications, Industries and MA & UD, **Sri Jayesh Ranjan**, IAS Principal Secretary, Industries & Commerce, Information Technology & Communications, Government of Telangana

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Message from the Joint Managing Director's Desk

It is giving me a great pleasure that Telangana State Trade Promotion Corporation (TSTPC) is coming out with a detailed analysis on the new export markets. This analysis will facilitate the exporters from the State to improve their export market both in terms of value of exports and also entering into new markets. The major strength of the exports from the State is Pharmaceuticals sector. During the recent times, **Hyderabad has emerged as the COVID-19 vaccine capital of the world** with the presence of top manufacturing companies like **Bharat Biotech, Biological E Ltd, Dr Reddy's Laboratories, Johnson & Johnson, and Indian Immunological**. Telangana State accounts for 40 per cent of the total Indian bulk drugs and 50 per cent of the bulk drug exports. **Hyderabad is becoming one of the largest logistics hubs** nationally with over 340 logistics companies and over 100 major manufacturing companies spanning FMCG, pharmaceuticals, defence and other sectors.

According to the Analysis published for the top 10 exporting commodities from the State, it is very clear that the global demand for the pharmaceuticals and vaccine is huge. There is a need for the exporters of the State to gear up their export business in the right direction and with the increased quantities. I am happy that TSTPC is guiding the prospective exporters for new markets and new products and preparing critical analysis for the growth of the exports from the State.

Telangana State has become the role model for other states in the country with the overall growth of the State which saw revolutionary progress in the field of agriculture while keeping focus on attracting foreign investors for setting up industries also remained on course to further propel Hyderabad on the global chart.

Sri. KT Rama Rao, Hon'ble Minister for Municipal Administration & Urban Development, Industries, and IT & Electronics has released the report "**Telangana's Year of AI – 2020 and Beyond**" highlighting Telangana's Artificial Intelligence (AI) Framework, which outlines the six-pronged strategy to achieve the vision of positioning Telangana as a global hub for Artificial Intelligence and foster social innovation. **Tourism Department has launched TS-Industrial Project Approval and Self-Certification System (TS-iPASS)** service for speedy processing for issue of various licences, clearances and certificates required for setting up hotels, resorts, travel agents, tourism events and other activities.

I am happy to inform that **the Telangana State Industrial Infrastructure Corporation (TSIIC) has kept nearly 992.67 acres of vacant plots in 52 industrial parks in the State to promote micro, small and medium enterprises (MSMEs). A mini textile park will be set up at Kodakandla** in Warangal district soon with the potential to create new livelihood avenues for about 20,000 weaving families. Further the State is planning to launch **TS Emerging Technologies Corridor**, which will bring various works happening on the emerging technologies, onto a common platform. **T-Hub, India's largest facility for innovation and entrepreneurship** that is backed by the Telangana government will soon grow bigger. The **T-Hub 2.0, which will be ready by March end**, will have 3.5 lakh sqft and is being built at a cost of Rs 276 crore. As many as 30 IT firms have expressed interest to set up their centres at the proposed second phase of the IT Hub in Khammam.

I am happy that the **economic growth of the State is already in 2nd place in the country**. Further, various developments happening in different sectors such as industry, exports, infrastructure, IT&C, Energy, Agriculture etc in the State would definitely make the State as the Best Investment Destination in the country. I appeal to all the exporters to make use of the services of the TSTPC for the growth of their export business.

E. Venkat Narasimha Reddy

Telangana has turned policies into action

Hyderabad : 8th Dec 2020

Merely articulating a policy is not enough. India has many examples where brilliant policies were written but very little action followed on the ground and therefore they have not really taken off as they were expected to be. Telangana as a State has ensured that all of its policies are translated into action. “We in Telangana have made sure that the intent is translated into action by creating multiple institutions to take up this responsibility and drive forward in a professional manner. Over the last few years, we have created some world-class institutions such as the T-Hub, which is one of the shining examples of what a government and private sector can do together,” said Hon’ble Telangana Industries Minister KT Rama Rao.

Addressing the TiE Global Summit-2020 through video conferencing, KTR said, T-Hub which is the country’s largest technology incubator today will become the world’s largest technology space in a couple of months, in the form of Phase II. We-Hub on the other hand is focused on women entrepreneurs and is encouraging them. T-Works, which is India’s largest prototyping facility will be up and running in next one month. “I encourage youngsters who are into creating solutions, particularly into hardware prototypes to come and dabble in this,” he added.

To establish a strong connect between industry and academia in Telangana, institutions such as RICH have been floated. To nurture innovation culture from a very young age, TSIC has been created to foster innovation, and Telangana is among the few States in the country to have a Chief Innovation Officer. Talking about other initiatives, he said, ‘Intinta Innovator’ programme has encouraged several innovations and in the recently held Assistive Technology Summit, several

products and prototypes had been showcased by over 50 innovators, such as prosthetic arms and tools that can help the blind or deaf.

TASK has been helping individuals and companies in skilling, upskilling and reskilling, responding to the entrepreneur’s entire business life cycle. All these institutions today are run by individuals from the private sector. There are at least 100 success stories of these institutions collectively from different spheres and verticals, the Minister noted. “We also realise that there is a huge hidden potential in our rural community to generate useful ideas which can be converted into products and solutions to solve the pressing problems faced by the people of the country,” he further added. He said Telangana Chief Minister always emphasises that technology and innovation should bring social good.

TiE global headquarters

“I am also happy to learn that TiE has decided to set up its global headquarters in Hyderabad. We will work with your office and team in ensuring that it becomes a reality soon. This is a very strong recognition, I believe, of the phenomenal work of all the innovation, entrepreneurship ecosystem and stakeholders led by the government have accomplished in the last six years,” KTR said. Having TiE global headquarters in Hyderabad will further boost all the initiatives by the State government.



MSMEs are the backbone of Indian economy: Gadkari

MSMEs today play a crucial role in the Indian economy, contributing 30 per cent to the GDP and 48 per cent of the overall exports for the country, employing 11 lakh crore people. The government is keen to take the GDP contribution from MSMEs to 40 per cent, export contribution to 60 per cent and add 5 lakh crore jobs to the sector.

Addressing the TiE Global Summit-2020 through video conferencing, NitinGadkari, Union Minister for Road Transport and Highways and MSMEs, said, "Rural economy which is at Rs 80,000 crore today should go up to Rs 5 lakh crore in next two years. To make this happen, we are focusing on agriculture, rural and tribal segments. India has rich heritage in handloom and handicraft to tap export potential, which needs to be tapped."

The government has taken reforms and decisions to support growth of MSMEs. The definition of MSME category has been changed and efforts are on to convert knowledge into wealth. New areas are being explored. Biofuels, food parks and organic farming are some of the areas the government is focusing, headed. The government is planning 22 new greenfield expressways across the country to boost infrastructure. Electricity and water supply projects are also being taken up in additional labour reforms, which together will help MSMEs. The government is also easing registration process for these companies.

Automobile sector has a potential to grow. The sector today has a turnover of Rs 4.5 lakh crore. Ancillary industry is doing well. There is also momentum in the electric vehicle space. The government is also exploring hydrogen fuel cell, where new opportunities will arise.

Hyderabad emerges as the COVID-19 vaccine capital of the world

Hyderabad : Dec 21, 2020

Amid the gloom caused by COVID-19, one sector which provided a ray of hope was life sciences and turning the challenge into an opportunity,

Hyderabad fortified its position as a global force in the world of pharmaceuticals. This southern city, already recognised as a global information technology destination, proved its prowess in the field of pharmaceuticals and biotechnology and emerged as the vaccine capital of the world.

Already known as the bulk drug capital of India, Hyderabad witnessed manufacturing of lifesaving COVID-19 drugs like Remdesivir, Hydroxychloroquine and Favipiravir by some of the top pharma companies based here.

This was followed by hectic efforts in the city to develop COVID-19 vaccine. In fact, Hyderabad has emerged as the nerve centre of all research and development activities in the country for COVID-19 vaccines and has even attracted international attention. Today, almost all the vaccines being developed in the country for the pandemic have a Hyderabad connect.

Four of the six companies developing COVID vaccines in India are based in Hyderabad. Bharat Biotech is currently conducting Phase III clinical trials of India's first indigenous COVID-19 vaccine Covaxin. Covaxin is being developed in collaboration with the Indian Council of Medical Research (ICMR) - National Institute of Virology (NIV). This indigenous, inactivated vaccine is being developed and manufactured in Bharat Biotech's BSL-3 (Bio-Safety Level 3) bio-containment facility at Genome Valley.

According to Bharat Biotech, Covaxin has been evaluated in approximately 1,000 subjects in Phase I and Phase II clinical trials, with promising safety and immunogenicity results.

The Phase III human clinical trials of the vaccine began in November, involving 26,000 volunteers across India. This is India's first and only Phase III efficacy study for a COVID-19 vaccine, and the largest phase III efficacy trial ever conducted for any vaccine in India. "Covaxin has garnered interest from several countries worldwide for supplies and introduction," said Suchitra Ella, Joint Managing Director of Bharat Biotech.

In April, Bharat Biotech announced development of CoroFlu, an intranasal vaccine for Coronavirus. University of Wisconsin–Madison and vaccine company FluGen along with Bharat Biotech began the development and testing of CoroFlu. The Hyderabad based company will produce almost 300 million doses of vaccine for global distribution.

In May, Bharat Biotech and Thomas Jefferson University of Philadelphia signed an exclusive deal to develop a new vaccine candidate for COVID-19 invented at Jefferson. The novel vaccine was developed using an existing deactivated rabies vaccine as a vehicle for coronavirus proteins.

Bharat Biotech claimed to have excellent track record of innovation with more than 140 global patents, a wide product portfolio of more than 16 vaccines, 4 bio-therapeutics, registrations in more than 116 countries and WHO Pre-qualifications. The company has so far developed vaccines for H1N1, Rotavirus, Japanese Encephalitis, Rabies, Chikungunya, Zika and the world's first conjugated vaccine for Typhoid. It has delivered more than four billion doses of vaccines worldwide. It is also the largest Rabies vaccine manufacturer in the world.

Another city-based firm Biological E last month initiated clinical trial of its COVID-19 subunit vaccine candidate in India following approval from the Drugs Controller General of India (DCGI). BE is making the vaccine in collaboration with Dynavax Technologies Corporation (Dynavax), a US-based vaccine focused biopharmaceutical company, and Baylor College of Medicine, a health sciences university in Houston. Biological E has also signed an agreement with Johnson & Johnson to produce the latter's vaccine at its vaccine production facilities and sell them both in India and export across various global markets. Indian Immunologicals, a human and animal vaccines maker, too is developing a vaccine for COVID.

Hyderabad-based pharma major Dr Reddy's Laboratories is conducting clinical trials of

Russian COVID-19 vaccine, Sputnik V. Russian Direct Investment Fund (RDIF), Russia's sovereign wealth fund, has collaborated with Dr Reddy's to conduct clinical trials and distribute the vaccine in India.

Hyderabad was under spotlight with the recent visits by Prime Minister Narendra Modi and ambassadors of more than 60 countries to the facilities of Bharat Biotech and Biological E in Genome Valley. Telangana's industry minister K. T. Rama Rao believes that Hyderabad has cemented its position as the vaccine capital of the world. He pointed out that Hyderabad is already manufacturing more than two billion doses of vaccines every year, which is one-third of the global vaccine output.

The city, with its strong ecosystem, has played a critical role in making India not only self-sufficient in the medicine manufacture but also turned it into the pharmacy capital of the world. It accounts for 40 per cent of the total Indian bulk drugs and 50 per cent of the bulk drug exports. Industry leaders believe that Hyderabad will be an integral part of the global efforts to vaccinate the world against COVID. Even if no vaccine is developed in the city, the city will still have a big role to play in global vaccination efforts with the sheer vaccine manufacturing capacity it houses. Hyderabad has the largest US FDA approved vaccine facilities. They have the capacity to manufacture millions of doses with world-class standards.

"India's vaccine sector will play a critical role in developing and producing vaccine at scale for distribution across the world. Hyderabad's importance in the global vaccine landscape is only growing," K.T. Rama Rao said. Telangana government has assured the companies that it will play the enabling role in global vaccination efforts against COVID-19. The Hyderabad airport announced few days ago that has developed necessary infrastructure to handle the exports. As per the industry insights, most of India's vaccine export will be to Africa, Latin America and Asian destinations.

Hyderabad is already home to more than 800 life sciences companies and the sector employs over 1,20,000 pharmaceutical professionals. It is said to be the only city in the country to house more than 20 incubation centres focused only on life sciences and health-tech. More than 200 start-ups are also working on innovative solutions in healthcare.

Genome Valley is India's first organised cluster for life sciences R&D activities spread across 600 square kilometers. Set up in 1999, it has world-class infrastructure facilities in the form of Industrial / Knowledge parks, Special Economic Zones (SEZs), Multi-tenanted dry and wet laboratories and incubation facilities. It is home to more than 200 companies including presence of the marquee global names like Novartis, GlaxoSmithKline, FerringPharma, Chemo, DuPont, Ashland, United States Pharmacopeia and Lonza.

KTR launches Telangana's 2020 Year of AI success report

Hyderabad: 2nd Jan 2021

Telangana IT minister KT Rama Rao released the report "Telangana's Year of AI – 2020 and Beyond" in Hyderabad. The report highlights Telangana's AI Framework, which outlines the six-pronged strategy to achieve the vision of positioning Telangana as a global hub for Artificial Intelligence and



foster social innovation. "We commemorated 2020 as Telangana's Year of AI last year on 2nd January 2020. Exactly one year later, I am elated to share the success of the Year of AI programme, which did not just survive the pandemic, but also thrived in it. The initiative has been a catalyst, which has today catapulted Telangana to the forefront of the AI race to excellence," said KT Rama Rao.

The government has set up T-AIM (Telangana AI Mission) to drive the implementation of the AI Framework. In all over 120 events were organised throughout the year. The report mentions initiatives and activities launched by a number of partners such as Intel, International Institute of Information Technology (IIIT) Hyderabad, Public Health Foundation of India (PHFI), Centre for 4th Industrial Revolution (C4IR) World Economic Forum, Amazon Web Services (AWS), nVIDIA, Microsoft, Wadhvani AI, Indian Institute of Technology (IIT) Hyderabad, Hexagon, Institute of Electrical and Electronics Engineers (IEEE) Hyderabad, Professor Jayashankar Telangana State Agricultural University (PJTSAU) and many more.

"I take great pride in Telangana's multilateral collaborative approach and take this opportunity to thank the efforts of our active ecosystem partners in Telangana," said Jayesh Ranjan, IT principal secretary.

TS-iPASS to attract more tourism projects in Telangana

Hyderabad: 13th Dec 2020

In a major boost to the hospitality and tourism prospects in the State, the Telangana Tourism launched TS-Industrial Project Approval and Self-Certification System (TS-iPASS) service for speedy processing for issue of various licences, clearances and certificates required for setting up hotels, resorts, travel agents, tourism events and other activities.



Tourism Minister V Srinivas Goud formally launched the portal in the presence of Industries Principal Secretary Jayesh Ranjan, Tourism Secretary Srinivasa Raju and TSTDC MD B Manohar.

Goud said if an entrepreneur plans to set up a hotel, he needs to obtain clearances and approvals from 15 departments, including fire services, pollution control board, municipality etc. All that cumbersome process is now history. Applicants, including those setting up hotels, resorts, travel agencies and event management companies can now apply for permissions in the TS-iPASS portal through online single window system, which is user friendly, the Minister said.

In case if any department fails to clear the application, it will be held responsible for the delay and, after 30 days, the application is deemed to be approved, said Goud. The State government has also issued GOMs 3 to this effect. This shows the commitment of Telangana government in extending all support and making things convenient for entrepreneurs to launch new tourism or hospitality projects, he informed.

Telangana, a role model for other states in the country

Hyderabad: 13th Dec 2020

The TRS government led by Chief Minister K Chandrashekhara Rao which completed two years of its second term has not just sustained the agenda of development of Telangana from the first term but also came up with a host of welfare initiatives that touched the lives of people from all sections of society.



The overall growth of the State which saw revolutionary progress in the field of agriculture

while keeping focus on attracting foreign investors for setting up industries also remained on course to further propel Hyderabad on the global chart. As peace continued to prevail with efficient handling of law and order,

Telangana has turned into a beehive of activity on all fronts of the welfare of citizens. If infrastructure grew like never before, cities and towns were ensured with enhanced basic amenities from the uninterrupted supply of power and drinking water.

Agriculture and farmers welfare

RythuBandhu crop assistance increased from Rs 8,000 per acre to Rs 10,000 per acre from 2019 rainy season. 56 lakh farmers benefit; Rs 12,000 crore being spent on the scheme every year

- RythuBima continued despite increase in premium from Rs 2,271 to Rs 3,556. About 32.73 lakh farmers benefit from the scheme which incurs an expenditure of Rs 1,164 crore per year. 31,654 families got Rs 5 lakh each
- Loan waiver for less than 1 lakh loans for the second time. In the first phase, 5.88 lakh loans, which are below Rs 25,000, were waived. Rs 1,210 crore spent
- On June 21, 2019, Chief Minister K Chandrashekharao inaugurated the Kaleswaram project aimed at making Telangana fertile, providing water for irrigation, drinking water and industrial purposes
- 80 lakh acres getting irrigation water from the project, 3,688 tanks filled and 15 lakh acres are being cultivated under the tanks
- For the first time, under Kaleswaram Project, Godavari waters reached to last ayucut in Suryapet district
- From Jan 2018, 25 lakh agriculture pumpsets given free, quality 24×7 power supply
- With 24-hour free power supply, cultivation increased to 1.25 crore acres in the State
- During the Covid-19 epidemic, dairy farmer loan limit has been increased from Rs 1.6 lakh to Rs 3 lakh
- 3 lakh farmers given Kisan Credit Cards
- The government purchased whole agricultural produce at MSP for the benefit of farmers
- Paddy purchased from farmers at their fields through 6,408 centres. In 2019-20, about 1.12

crore tonnes is procured. In the last six years, purchases increased by 367 per cent.

- Paddy procurement per cent from the State by the FCI is 63 per cent, Telangana is the only State in country which is purchasing the entire paddy grown by farmers
- Rs 256 crore dues on farmers' interest-free loans paid by July 5, 2019
- Land registration through SadaBainamas given up to October 31, 2020, in all the municipalities and corporations.
- Chief Minister launched Dharani portal on October 29 at Muduchintalapalli village in Medchal district
- Tahsildars given the responsibility of registering agriculture lands
- RythuVedikas constructed in 2,604 clusters in the State

Civil Supplies Department

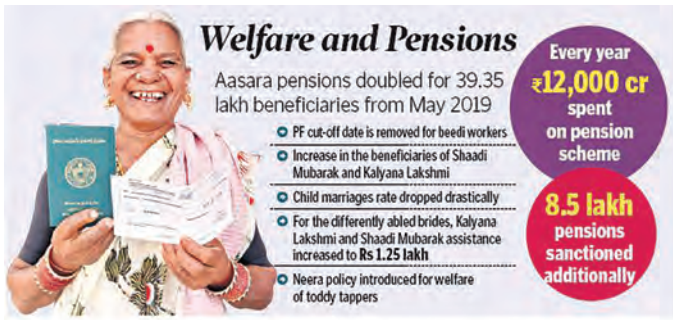
- During Covid pandemic, each person given Rs 12 kg rice per month for four months, 2 kg red gram for three months, 10 kg of ration rice for four months
- In April and May 2020, each family given Rs 1,500 cash assistance
- Through ration portability, facility is given to ration cardholder to draw ration from anywhere in the State
- Taking inspiration from Telangana, the Centre introduced one-nation, one-ration card policy.

Panchayat Raj Department

- New Panchayat Raj Act 2018 implemented successfully and effectively

9,355 new Panchayat Secretaries appointed

- PallePragathiProgramme held from September 6, 2019 for 15 days. Sanitation, works related to power supply, demolition of dilapidated structures, construction of VaikuntaDhamams, dumping yards, setting up of nurseries in every village, Haritha Haram action plan and other works taken up during the period



- Two new districts - Mulugu and Narayanpet - were formed taking the total number of districts to 33
- 30 new revenue divisions formed in addition to the existing 44
- Village sanitation workers salaries increased from less than Rs 5,000 to Rs 8,500 per month.

Local Bodies and Municipalities

- New Municipal Act came into being from 19 July 2019
- Seven new Municipal Corporations formed making the total municipal corporations to 13

76 new municipalities formed

- PattanaPragathi programme organised from February 24
- Mission Bhagiratha: Under the project, pure and safe drinking water is supplied to 95 per cent of houses in the State

'Six-pillar framework to position TS as global AI hub'

Hyderabad: 11th Dec 2020

With the Telangana government declaring 2020 as the year of AI, there are six pillars that have been developed in order to position the State as a global hub for AI. And one of the pillars is the AI-Investment Fund, a humanitarian investment fund dedicated to AI Innovation for Social Good. The other five pillars include Data Exchange Platform, Skilling and Education, Governance, Ethics and Privacy, Research and Innovation, and Enabling Adoption and Community Collaboration, informed Rama Devi, OSD and director – emerging technologies, ITEC Department, Telangana.

Speaking at the AI4All Conclave organised by CII, Ramadevi outlined that Artificial Intelligence is going to impact every sector including the government sector and it can be gauged only through partnerships, execution and policy framework. She added that launching a Centre for Research in Applied AI, a Centre for Deployment of Responsible Technologies in partnership with World Economic Forum and launching AI for AI (Agriculture Innovation) are some of the achievements.

“We also partnered with Wadhvani AI to develop a tool to measure the new born baby’s body weight using smartphone and have established a Telangana AI machine to fast track AI framework,” she informed. Cyient MD and CEO and CII Telangana chairman Krishna Bodanapu said that AI is not a replacement for human beings and it can be a great enabler for decision making for many enterprises. Similarly, STPI director CVD Ram Prasad said that AI can transform many sectors and large number of jobs will be created in AI in the future.

Telangana sets aside 992 acres for MSMEs

Hyderabad: 26th Dec 2020

To promote micro, small and medium enterprises (MSMEs), the Telangana State Industrial Infrastructure Corporation (TSIIC) has kept nearly 992.67 acres of vacant plots available for these enterprises across 52 industrial parks in the State.

They have been made available at just a click of a button on the TSIIC website using GIS (Geographic Information System) mapping indicating the availability of plots of different sizes across different sectors ranging from automotive to textile and aerospace to electronic among others. Spread across nine zones of the Corporation, around 1,163 vacant plots of different sizes measuring a total 992.67 acres are available in the State. Of this, the highest 317.79 acres of land is available under Shamshabad zone, followed by 238.95 acres available in Medchal-Siddipet zone and 204.22 acres in Patancheru zone.

According to the officials, majority of vacant plots



are available in industrial parks of general category while land is also available in industrial parks in sectors pertaining to automotive, food processing, pharma, biotech, textile, aerospace and precision engineering, electronic manufacturing, SME, IT and ITes among others. “Besides the industrial parks, we have more than 1.5 lakh acres available for industrial use. The land is available for major investors of all sizes and sectors,” an official of TSIIC said.

As per the newly introduced GIS mapping feature, the investors can visit the TSIIC website ‘<https://tsiic.telangana.gov.in>’ and access all information pertaining to available vacant lands inside the industrial parks as well as large parcels of land for their industrial needs. Besides vacant plot availability, the applicants can also obtain information about available infrastructure and other resources including industrial effluent treatment plant, power and water supply, road/train/air connectivity. They can also chose the industrial parks based on their categories like red, orange, white and green, which indicate the hazardous emissions allowed within the industrial park.

Mini Textile Park to be set up at Kodakandla: KTR

Hyderabad:5th Jan 2021

A mini textile park will be set up at Kodakandla in Warangal district soon with the potential to create new livelihood avenues for about 20,000 weaving families in the area. Announcing this, IT and Industries Minister KT Rama Rao said the decision was taken after taking into account all the necessary facilities required in the wake of Chief Minister K Chandrashekhara Rao’s directions to ensure welfare of weavers in the State.

Addressing a review meeting here, Rama Rao said thousands of skilled weavers from Kodakandla had migrated to other States for livelihood, but were keen to return to their home town after witnessing the support being extended by the State government for the textile sector. “People especially weavers from Kodakandla have been wanting the mini textile park which will improve their livelihood opportunities in their home town. We will continue to extend further support to them,” he said.

The Minister, who reviewed the progress of various programmes being implemented in the handloom and textile sectors,

said all the welfare programmes being implemented for weavers will continue without any compromise. The State government will continue with the ambitious Bathukammasarees production programme carried out on a large scale every year, especially to support powerloom workers in the State, he said.

Observing that the NethannakuCheyutha scheme had come as a major relief for weavers during the Covid pandemic and subsequent economic crisis, the Minister said with the State government giving exemption and allowing weavers to withdraw their savings along with the government contribution before the prescribed period, about 25,000 weavers' families had received a total amount of Rs 95 crore. He promised to take into consideration the requests from weavers to continue the programme and take up the issue in the Cabinet meeting for necessary action in this regard.

Rama Rao sought a detailed report from the Textile Department officials to pitch for budgetary allocations for the textile and handloom sectors in the upcoming State budget for 2021-22. Panchayat Raj and Rural Development Minister Errabelli Dayakar Rao thanked Rama Rao for his prompt response. Handlooms and Textiles Commissioner Shailaja Ramaiyyer and other officials participated in the meeting.

Telangana to set up Emerging Technologies Corridor and Mobility Cluster: KTR

Hyderabad: 16th Dec 2020

IT Minister KT Rama Rao said Telangana State was keen on adopting emerging technologies and the State was now planning to launch TS Emerging Technologies Corridor, which will bring various works happening on the emerging technologies, onto a common platform. Telangana was using blockchain technology for land and revenue record management, he said. Citing an instance of use of emerging technologies, he said Switzerland-based Novartis, whose centre in Hyderabad is the second largest in the world, is working on digital drug discovery.

Interacting with the media after Jeep maker Fiat Chrysler Automobiles (FCA) announced setting up of its new



Global Digital Hub in Hyderabad, he

said that with focus

on mobility rising, the

State is also planning a Mobility Cluster. With various developments happening in the mobility segment, autonomous vehicles were not very far. "Mobility is a segment that has immense potential," he said adding that cars, which were just hardware and hardly had any software, are now changed. The new-age cars now have a lot of coding in them surrounded by some hardware to offer new features and conveniences to the customers," he said. He asked FCA to be part of the Mobility Cluster by bringing some part of its manufacturing to Hyderabad as well. If it happens, it will benefit the youth of the State. TS will also work to create the required manpower through its Telangana Academy of Skills and Knowledge. The State was working on 3Ds- digitising, decarbonisation and decentralisation. The first two, which are relevant to mobility sector, are the key features of Electric Vehicle Policy, the Minister said.

T-Hub 2.0 to get ready by March-end

Hyderabad: 1st Jan 2021

T-Hub, India's largest facility for innovation and entrepreneurship that is backed by the Telangana government, will soon grow bigger. The T-Hub 2.0, which will be ready by March end, will have 3.5 lakh sqft and is being built at a cost of Rs 276 crore. Once operational,



the building would house more than 1,500 startups, making it the largest startup incubation centre in the world. T-Hub in its five years of existence has helped more than 1,120 startups garner about Rs 1,800 crore as investment and provided employment to over 2,500 people in Hyderabad itself. T-Hub is a partnership between the Government of Telangana, three academic institutes in Hyderabad – the International Institute of Information Technology, the Indian School of Business and the National Academy of Legal Studies and Research, and also the private sector. T-Hub rents out office and meeting space, and offers services such as connections with mentors and investors, to startup companies in the technology sector.



Due to a robust innovation ecosystem that T-Hub and other enablers in Telangana have built, the State has seen a rise in the number of startups from 400 a few years ago to about 2,000 now. It designed and delivered more than 75 innovation programmes in five years and had enabled more than 325 international startup connects.

T-Hub's corporate memberships and partnerships have enabled more than 350 startups to collaborate, raise money or get acquired by large corporates, out of which about 100 startups are from Hyderabad that are engaged in such programmes. About 435 corporates are working with T-Hub and this is expected to touch 600 shortly. It worked with about 70 investors now and that will increase to 300 in a year.



30 IT companies to set up base in Khammam IT Hub

Khammam: 31st Dec 2020

As many as 30 IT firms have expressed interest to set up their centres at the proposed second phase of the IT Hub in Khammam, Transport Minister Puvvada Ajay Kumar revealed. Speaking after launching a newly developed mobile app of Khammam IT Hub here, the Minister said that during an IT summit in Dallas in the US, the companies decided to establish their centres in the city.

Ajay Kumar said the mobile app was designed and developed in just 21 days by Sovereign IT Solutions Private Limited to serve as a source of information about job offers for the youth in the district. He asked the youth to download the app, available for



free downloads, to learn about the activities of the IT Hub. Besides information about the companies with centres at the IT Hub, the app also gives information about the companies at other locations.

The IT Hub has been established with an objective of serving the employment needs of the graduates in the district but not for the benefit of the companies. Non-IT firms should also come forward to offer employment to Khammam youth, Ajay Kumar stated. He asked the officials to make efforts to organise job melas once every three months while suggesting to create a separate window that would give the details of all the programmes that take place at the IT Hub.

District Collector RV Karnan speaking on the occasion noted that the IT Hub App was launched as a New Year gift for the youth in Khammam. The graduates have to upload their mail IDs and mobile numbers to register their details on the app. The graduates could avail training programmes offered by Telangana Academy for Skill and Knowledge (TASK) and to learn about job opportunities with the help of the app, he added.

The minister has also launched several development works worth Rs 1.45 crores in different municipal divisions in the city. He inspected Kalvoddu crematorium and directed the officials to develop it by spending around Rs 90 lakh. MLC, B Lakshminarayana, SUDA Chairman Bachu Vijay Kumar, Mayor G Papalal, his deputy M Murali Prasad, Municipal Commissioner Anurag Jayanthi and others were present.

Hyderabad-based Yitsol bets big on 5G, Internet of Things

Hyderabad : 3rd Jan 2021

Even as the Covid-19 pandemic moved sectors to explore digitisation in a big way, technologies like 5G and Internet of Things (IoT) also paved way for industries like telecom and manufacturing to adopt digital route. These sectors need a solutions provider who can help them with device and telecom network management. One such company is Hyderabad-based Yitsol which provide IoT Device Management Solutions, Telecom Network & Resource Management Solutions to clients such as the Indian Army, AT&T, and Food Corporation of India.

The five-year-old company is now focused on Industry 4.0 wherein it is looking to provide its solutions to not just telecom

and manufacturing but also work with telecom application sectors like edtech. The company has entered the 5G space and is helping telcos with testing and deployment. Similarly, it is working with manufacturing companies to deploy their IoT solutions in their production unit.



“For the last two to three years, there was a lot of discussion around digital transformation and this was heavily fuelled by pandemic. Now, enterprises have realised that they can work remotely and the second catalyst is 5G which is pushing enterprises to prioritisedigitisation. Our major target is mid-size companies who would not go tier-1 solutions and 20 per cent of our focus is on newer technologies with IoT being major area for us,” said Amit Singh, CEO, Yitsol Telecom &IoT Labs.

On their expansion plans, Singh said that the company is planning to hire 10-40 people and is looking to increase its headcount by 50 people in another year. Currently, the company has a headcount of 100 people. In addition, the company is looking at offering its services in the US region as well and is planning to set up satellite offices in different regions. “In terms of clients, we have customers in Europe, Middle East and other regions and are looking at targeting countries like Maldives,” said Singh.

Telangana becoming exports powerhouse

Hyderabad:24th Dec 2020

Telangana is strengthening its efforts to increase its exports across categories. Merchandise exports from the State in 2019-20 were valued at \$7.4 billion, growing at an annual average growth rate (AAGR) of 8.1 per cent between 2015-16 and 2019-20 period, significantly higher than the national AAGR of 4.7 per cent.

The key destinations for the merchandise exports from Telangana are the US (28 per cent), China (six per cent), Russia (four per cent), the UAE (four per cent) and Bangladesh (four per cent). Highlighting that the growth pattern continues, David Rasquinha, MD, India Exim Bank said, “During 2020-21, up to September 2020, Telangana’s exports were valued at \$4.1 billion, registering a year-on-year increase of 14 per cent over the same period in 2019-20.”



Telangana currently has 34 operational SEZs and as of 2020, the State has the third highest number of SEZs, next just to Tamil Nadu and Maharashtra, which have 46 and 37 operational SEZs, respectively. Out of the 34 SEZs operating in Telangana, 24 belong to the IT/ITeS sector. The State can focus on diversifying the SEZs and build sector-specific clusters to create more avenues for economic growth, he noted.

Electronics landscape

Telangana accounts for six per cent of the electronics production in India and has significant headroom for growth. While the State has been pro-active in enacting its own policy to boost the growth of the sector, it could benefit from the Centre's Production Linked Incentive Scheme and Scheme for Promotion of Manufacturing of Electronic Components and Semiconductors.

He said, "Focus should be laid on developing sub-segments that entail relatively higher value addition, like design and manufacturing, instead of assembling. Apart from increasing the State's export revenue, the electronics manufacturing sector can play an important role of integrating the State into the Global Value Chains (GVCs) of downstream industries such as mobile phones, semiconductors and consumer electronics."

"Further, given the large presence of specialised sub-segments such as medical, electronics device, fabless chip design, and emerging industries such as electric vehicle and power electronics, Telangana is uniquely positioned to leverage the export potential across the niche areas," he added.

Food processing

Telangana accounts for substantial agricultural produce ranging from rice, maize, lemon, grapes, mango and soybean. In particular, the State accounted for the highest production of turmeric and sweet orange, third highest production of tea and coffee, and the fourth highest production of marine fish.

"The State could significantly boost its exports from the agro and food processing sectors by focusing on the development of infrastructure and setting up

of agro-processing clusters and food parks, food testing & quality control labs and creating an efficient supply chain," he recommended. Further, there is a huge potential to promote inland fisheries, organised meat processing, greenhouse and exotic vegetable cultivation in the State.

Renewable energy

Telangana is one of the fastest growing States in India in terms of installation of solar power and ranks second in terms of solar power generation, after Karnataka. In order to cater to the growing energy demand and to facilitate faster uptake of renewable energy, Telangana could further expand its network of solar power plants and attract investments for setting up manufacturing of photovoltaic cells, which are mostly imported from China.

Life sciences

Telangana accounts for about 30 per cent of India's pharmaceutical production, 40 per cent of total bulk drugs production and 50 per cent of the bulk drug exports from India in 2019-20. Over the last four years, Telangana has attracted over Rs 10,000 crore investments. Rasquinha added, "The State can focus on integrating its ecosystem into the global value chain by building capacities to export critical inputs for further processing."

Infra for exports

Apart from making the State's exports more competitive in the international markets, development of export-enabling infrastructure can play a crucial role in re-routing the foreign trade flows of neighbouring States via Telangana. The State could develop Inland Container Depots through which hinterland customers can receive port services more conveniently, closer to their premises.

Exim Bank chief further noted, "Telangana has performed almost at par with the coastal States such as Tamil Nadu and Maharashtra in terms of its logistics infrastructure. This reflects the State's efforts to reduce congestion and delays of exports through various transport modes via a system that allows global traders to submit clearance forms at a single

Telangana Shining

Sectors where TS features in the top 3 performing States

Exports (US\$ Million)

2,355.9

Pharmaceutical products

2,246.7

Organic chemicals

8.1

Explosives; pyrotechnic products; matches; pyrophoric alloys; certain combustible preparations

102.5

Tools, implements, cutlery, spoons and forks, of base metal; parts thereof of base metal

6.9

Arms and ammunition; parts and accessories thereof



Merchandise exports of Telangana in 2019-20 above national average

US, China, Russia, UAE and Bangladesh top export destinations

Up to September, Telangana's exports are valued at **\$4.1 billion, 14% higher year-on-year**

State stands first in the production of turmeric and sweet orange in India

Holds strong potential in pharma, healthcare, food processing and renewable energy

Source: DGCI&S, India Exim Bank Research

window and complete all the formalities at the same location. This has also eased the process of customs clearance.”

GI tagging

The State government could further capitalise on its Geographical Indication (GI) tags in the international markets. The State could consider adopting a two-pronged approach – first, identifying new products from different categories which can be conferred the GI status and second, branding the existing GI products to leverage the region-specific specialties (such as Pochampallikat, Cheriya Paintings, Hyderabad Haleem and Gadwal Sarees).

Hyderabad emerging as logistics hub

Hyderabad : 1st Jan 2021

Hyderabad is becoming one of the largest logistics hubs nationally with over 340 logistics companies and over 100 major manufacturing companies spanning FMCG, pharmaceuticals, defence and other sectors. The city holds a lot of potential in outbound shipments because of its cost-arbitrage, demand and supply factors, says an industry expert, who runs a logistics intelligence platform. The freight market in Hyderabad is mature with several large logistics players including some of the country's largest fleet owners having their base and workshops in the greater Hyderabad region.

LogisticsNow founder & CEO Raj Saxena said, “There is a need for greater synchronisation in inbound and outbound flows to enable efficient trucking and rail capacity utilisation for logistics companies in Hyderabad. The city needs to emerge as a larger distribution centre in future. With the cost-arbitrage, the city can have a lot more inflows and outflows, to become the distribution hub for the entire southern India. This also requires Hyderabad to have bulk manufacturing.”

Land, low-cost logistics infrastructure and skilled manpower can be leveraged to make the city a manufacturing hub, which will further drive logistics in the long-term. Hyderabad is



the epicentre of India connecting north and south. It also has become a major consumption centre over the last few years.

“Realising the potential of Hyderabad and Telangana, LogisticNow covers the entire Telangana and has onboarded 250 large and medium transporters in the State. Our platform aims to create a State-level logistics grid for Telangana to benefit the truckers and other stakeholders,” he added.

Cost-arbitrage

The cost variance that Hyderabad offers in transportation is a big plus for the city. Transport costs are typically determined by ‘to’ and ‘fro’ costs as the transporter considers the round trip. There is currently no demand-supply equilibrium in Hyderabad as a lot of load comes from west to Hyderabad than the load that goes from Hyderabad to the west. This means there is a huge untapped outflow from the city that the logistics industry can cater to.

There is a clear cost advantage for Hyderabad. For instance, if a multi-axle truck has to move from Ahmedabad to Hyderabad, it may cost Rs 60,000-65,000, but it costs less than Rs 45,000-50,000 for backhaul (return trip), because of the imbalance of cargo. This imbalance has been there for a long time as Hyderabad has more inflow than outflow, particularly to the western part of India. “While many may see it as a challenge for Hyderabad, I see it as an opportunity. This scenario makes Hyderabad an ideal location for companies to set up manufacturing base to distribute/supply heavy products nationally, as the city offers competitive advantage to manufacturers in multiple ways,” he noted.

Hyderabad has good warehousing space and it is a distribution hub in the northern part of southern India, and for long-haul transportation, the city has significant inflows as it is a regional hub for distribution. Round-tripping or return load is the reason for the lower cost in Hyderabad for long-haul, which the city can leverage. Outflows from Hyderabad too can improve further, backed by manufacturing, observes Saxena.

KTR invited for WEF summit in Japan

Hyderabad : 5th Jan 2021

IT and Industries Minister KT Rama Rao has been invited by the World Economic Forum (WEF) for its Global Technology Governance Summit scheduled to be held in Japan from April 5 to 7. It will be attended by world leaders from different countries including Ministers and dignitaries from business and trade.

Extending the invitation to Rama Rao for the Summit, WEF president Børge Brende said under the Minister’s forward-looking leadership, Telangana had been in the forefront of using emerging technologies for societal benefits. He thanked the Minister for the latter’s support of the AI4AI: Artificial Intelligence for Agriculture Innovation and G20 Smart Cities Alliance. “It will be a pleasure to work together to further deepen their impact,” he said.

“The emerging technologies of the fourth industrial revolution have a vital role to play as countries recover from and rebuild following the Covid pandemic,” he added. The summit will focus on the use of emerging technologies to help the countries recover and progress on the growth path after overcoming the pandemic.

The Global Technology Governance Summit will build on the forum’s pioneering work on global technology governance and bring stakeholders from the government, business, and civil society to identify the way to harness and regulate these technologies to accelerate growth, encourage innovation and build resilience. It will also aim to help further public-private initiatives to nurture the development of fourth industrial revolution technologies while mitigating their risks. It will also discuss how to accelerate growth by overcoming the limitations of these technologies and how to advance innovation in these areas.



SRI K. CHANDRASHEKAR RAO
Hon'ble CM of Telangana



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2021 CA

GENERAL HOLIDAYS

Jan 01 Fri	New Year Day
Jan 13 Wed	Bhogi
Jan 14 Thu	Sankranti/Pongal
Jan 26 Tue	Republic Day
Mar 11 Thu	Maha Shivaratri
Mar 29 Mon	Holi
Apr 02 Fri	Good Friday
Apr 05 Mon	Babu Jagjivan Ram Jayanthi
Apr 13 Tue	Ugadi
Apr 14 Wed	Dr. BR Ambedkar Jayanthi
Apr 21 Wed	Sri Rama Navami
May 14 Fri	Eid ul Fitr (Ramzan)
May 15 Sat	Following day of Ramzan
July 21 Wed	Eidul Azha (Bakrid)
Aug 02 Mon	Bonalu
Aug 15 Sun	Independence Day
Aug 19 Thu	Shahadat Imam Hussain (10th Moharam)
Aug 31 Tue	Sri Krishnaashtami
Sep 10 Fri	Vinayaka Chavithi
Oct 02 Sat	Mahatma Gandhi Jayanthi
Oct 06 Wed	Bathukamma starting day
Oct 15 Fri	Vijaya Dashami
Oct 16 Sat	Following day of Vijaya Dashami
Oct 19 Tue	Eid Miladun Nabi
Nov 04 Thu	Deepavali
Nov 19 Fri	Kartika Purnima / Guru Nanak Jayanthi
Dec 25 Sat	Christmas
Dec 26 Sun	Boxing Day

JANUARY

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SRI K. TARAKA RAMA RAO
Hon'ble Minister for Industries & Commerce,
IT & C & MA & UD



SRI DEVARI MALLAPPA
Hon'ble Chairman, TSTPC

CALENDAR

MARCH

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APRIL

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OPTIONAL HOLIDAYS

Jan 15	Fri	Kanumu
Feb 16	Tue	Sri Panchami
Feb 26	Fri	Birthday of Hazrath Ali (R.A)
Mar 12	Fri	Shab-E-Meraj
Mar 29	Mon	Shab-E-Barat (General Holiday in view of Holi)
Apr 14	Wed	Tamil New Year's Day (General Holiday for Dr. B.R. Ambedkar's Birth Day)
Apr 25	Sun	Mahaveer Jayanthi
May 03	Mon	Shahadat HZT Ali (R.A.)
May 07	Mon	Juma-Atul-vida
May 10	Mon	Shab-E-Qader
May 14	Fri	Basava Jayanthi General Holiday in view of Eid-UI-Fitr)
May 26	Wed	Buddha Purnima
July 12	Mon	Ratha Yathra
July 29	Thu	Eid-E-Ghadeer
Aug 16	Mon	Parsi New Year's Day
Aug 18	Wed	9th Marram (1442H)
Aug 20	Fri	Varalakshmi Vratham
Aug 22	Sun	Sravana Purnima / Rakhi Purnima
Sep 29	Wed	Arbayeen
Oct 13	Wed	Durgashtami
Oct 14	Thu	Maharnavami
Nov 03	Wed	Naraka Chaturdhi
Nov 16	Tue	Yaz Dahum Shareef
Dec 24	Fri	Christmas EVE

JULY

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AUGUST

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DECEMBER

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KTR invited for World Economic Forum summit

Hyderabad : 6 Jan 2021

State IT and Industries Minister KT Rama Rao has received invitation from the World Economic Forum (WEF) for its Global Technology Governance Summit in Japan from April 5 to 7 this year. Hyderabad: State IT and Industries Minister KT Rama Rao has received invitation from the World Economic Forum (WEF) for its Global Technology Governance Summit in Japan from April 5 to 7 this year. Inviting KTR to the summit, WEF president Børge Brende in the letter said "under your forward-looking leadership, Telangana has been at the forefront of using emerging technologies for societal benefits.

(Artificial Intelligence for Agriculture Innovation) and G20 Smart Cities Alliance. It will be a pleasure to work together to further deepen their impact." "The emerging technologies of the fourth industrial revolution have a vital role to play as countries recover from and rebuild following the Covid pandemic," he added. The GTG summit will build on the forum's pioneering work on global technology governance and bring stakeholders from the government, business and civil society to identify how to harness and regulate the technologies to accelerate growth, encourage innovation, and build resilience. The summit will also aim to help scale public-private initiatives to nurture the development of fourth industrial revolution technologies while mitigating their risks.

Navigation test bed at IIT-Hyderabad for adopting UAVs

Sangareddy: 29th Dec 2020

The Department of Science and Technology (DST) has sanctioned Rs 135 crore to the Indian Institute of Technology-Hyderabad (IIT-H) under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS) to set up a Technology Innovation Hub on Autonomous Navigation and Data Acquisition Systems for unmanned aerial vehicles and remotely operated vehicles (UAVs, and RoVs). The Technology Innovation Hub on Autonomous Navigation Systems for UAVs and ROVs at IIT-H will be known as 'TiHAN Foundation'.



The foundation stone for this facility was laid by Union Minister of Education Ramesh Pokhriyal Nishank in the presence of Union Minister of State for Education Sanjay Dhotre, Dr BVR Mohan Reddy, Chairperson, Board of Governors, IIT Hyderabad, Prof BS Murty, Director IIT-H, and other officials. Speaking on the occasion, Nishank said: "TiHAN Foundation, established at IIT-H, will be a multi-departmental initiative, including researchers from Electrical, Computer Science, Mechanical and Aerospace, Civil, Mathematics, and Design with collaboration and support from reputed institutions and industry. It is a great step towards 'Aatmanirbhar Bharat', 'Skill India' and 'Digital India'. With an essential focus on the research and development of interdisciplinary technologies in the specific domain area of "Autonomous Navigation and Data Acquisition Systems," this hub focuses on addressing various challenges hindering the real-time adoption of unmanned autonomous vehicles for both terrestrial and aerial applications."

Congratulating the TiHAN Team, Director IIT-H, Prof BS Murty said: "One major requirement to make unmanned and connected vehicles more acceptable to the consumer society is to demonstrate its performance in real-life scenarios. In general, both UAV and UGV testing may include crashes and collisions with obstacles, resulting in damage to costly sensors and other components. Hence, it is important to test new technologies developed in a safe, controlled environment before deployment".

Highlighting the importance of this facility, Project Director – TiHAN and Professor, Department of Electrical Engineering, Dr P Rajalakshmi said: "Several organisations worldwide have developed testbeds or proving grounds to investigate the functioning of unmanned and connected vehicles in a controlled environment by replicating different scenarios, ranging from frequently occurring to extreme cases that may ensue in real-life traffic operations. At present, there is no such testbed facility in India to evaluate the autonomous navigation of vehicles. Therefore, it is envisioned to address this gap by developing a fully functional and exemplary testbed facility dedicated to Connected Autonomous Vehicles – CAVs in a portion of the beautiful IIT-H campus. The hub's focus sectors include Intelligent, Autonomous Transportation and Systems, Agriculture, Surveillance, and Environmental and Infrastructure Monitoring." The facility will come up in a two acre land within IIT-H campus near Kandi in Sangareddy district. All smart poles are enabled with communication providing technology with some poles designed with sprinklers to test the vehicles' performance during rain. All the industries, R&D labs, academia conducting research and development in the broad areas of autonomous navigation can avail the facility.

Hyderabad-based H-Bots developing robot for warehousing

Hyderabad : 4th Jan 2021

Hyderabad-based robotics company H-Bots Robotics which has developed a humanoid robot earlier for the police department, currently developing an advanced version for use in healthcare, airports and academic institutions, is now seeing opportunities to serve the

warehousing sector, driven by the growing e-commerce and logistics industry.

Hyderabad has seen several large players such as Amazon setting up fulfillment centres and making large ticket investments in warehousing and automation is going to stay to make the operations more efficient.



Kisshhan PSV, founder & CEO, H-Bots, said, "We are coming out with robots for warehouses, where they can be used for inventory management, data monitoring and transporting inventory from one place to another." H-Bots has been working on the prototype for the last six months and the company plans to make either its design or product launch on 26 January. The company continues to invest in innovation, research & development and resources to explore wider applications of robots across verticals.

Technology, especially robotics, will be a game-changer in the warehousing and logistics industry this year. Inventory management, safety & security and processing orders will be assisted by technology for an efficient product cycle and will enable businesses to manage and monitor warehouses remotely.

The growing demand for online shopping is driving e-commerce companies to invest in setting up warehouses at locations that could fast track the delivery process for their consumers. Hyderabad has seen several large players such as Amazon setting up fulfillment centres.

Robotics education

Kisshhan said, "We have seen academia in countries such as France has embraced robotics

where students get hands-on experience and solve real-time problems. In India, robotics in the education sector is still in its nascent stage. The students passing out of colleges don't have practical knowledge."

"To address this gap, we have come out with an initiative in the name of H-Labs, as a part of which we have piloted in four colleges across Telangana and Andhra Pradesh in the last few years. We have set up real-time labs to impart skills and training in robotics," he added.

Kisshhan said the idea is to create trained robotics professionals across the country. The newly formed All-India Robotics Association (AIRA) will also help to take this forward by involving all the stakeholders including governments

Hyderabad centre playing crucial role in 5G development: Oppo

Hyderabad :31st Dec 2020

Global smartphone maker Oppo, which recently opened its first-ever R&D centre outside of China and first 5G Innovation Lab in India at Hyderabad, said the team is playing a pivotal role in the development of 5G technologies. Strengthening the innovation efforts of Oppo, the 5G Innovation Lab at its Hyderabad R&D centre based at Hitec City will deepen the development of core product technologies for the 5G ecosystem and accelerate its rollout and adoption in India.

The company has adopted a niche strategy with focus on technical fields such as connectivity and artificial intelligence. 5G being the latest connectivity breakthrough globally, the Oppo's new Innovation Lab in Hyderabad will contribute to the advancement of technological evolution in the field.

Oppo India vice president and head of R&D Tasleem Arif said, "The Hyderabad R&D centre is Oppo's largest smartphone R&D centre outside China. The R&D team currently has a headcount of more than 300 members. All these members will be focusing on different aspects of our research including network, camera, performance, battery and others." Oppo is

setting up three functional labs dedicated to camera, power & battery, and performance. These labs will be focusing on making the latest and the most advanced technologies for the global markets. Indian team will also be spearheading innovations for Middle East, Africa, South Asia, Japan, and Europe.

"All the three new labs will be a part of Hyderabad R&D centre. We will soon be introducing these additional labs. Currently at our India R&D centre, our team is working relentlessly to support our users with great products and technologies," he added. The Oppo India R&D team is also working closely with industry chain partners such as Jio, Airtel, Qualcomm, MediaTek, and others to realise the dream of a 5G experience soon for every smartphone user in India, Arif informed.

Oppo provides a wide range of smart devices, led by the Find and Reno series. Beyond devices, the company provides its users with ColorOS and internet services such as Oppo Cloud and Oppo+. The device maker operates in over 40 countries and regions, with six research institutes and four R&D centres worldwide, as well as an international design centre in London. In line with Oppo's commitment to 'Make in India', the manufacturing capacity at the Greater Noida plant in Uttar Pradesh has been increased to 50 million smartphones per year.

SCCL ready for expansion, increasing production: N Sridhar

Hyderabad: 23rd Dec 2020

Singareni Collieries Company Limited (SCCL) Chairman and Managing Director N Sridhar said the competition was growing in the country's coal market and to face it, SCCL was ready for business expansion and substantial increase in production. "Singareni are ready to face any challenge," he said.

Speaking on the occasion of the 100th Singareni Emergence Day celebrations at Hyderabad Singareni Bhavan, he said before 1998, Singareni incurred losses for 20 years continuously and was on the way to closure, but thanks to the collective efforts of employees and officials, it came out of the red. For the past 20 years, the company



has been earning profits, particularly after formation of Telangana State, and with the support of Chief Minister K. Chandrashekar Rao, it has grown to be profitable and topped the country, Sridhar said.

Despite the difficult situation due to Covid, employees were paid two types of bonuses amounting to Rs. 540 crore, besides continuing with all welfare activities as usual, he said. He said due to the changed coal market scenario, SCCL was facing competition not just from Coal India but also from private developers and to face such situation, its production cost has to be reduced. "For this, machinery and employees have to work towards increase in production," he said.

Business expansion was being taken up to sustain the same levels for another 100 years, he said, adding that along with the 1200 megawatts thermal power plant, solar plants are also being constructed. Production from two coal blocks in Odisha will also begin and all these business expansion plans are part of the long term plans of the SCCL, he said. Sridhar explained that the setting up of solar power plants at Singareni will be completed by 2021 and 300 megawatts of power production would begin, and apart from these, another 300 megawatts from floating power plants was also being planned. He said that SCCL was at the forefront of welfare activities and was better than any company in the country. "More profits can be generated only by increasing production. With these profits, the company will progress and welfare activities can be taken up," he said. Sridhar felicitated the best employees – DGM (Marketing & Strategy Planning)

Marepalli Venkateshwarlu, DGM (Law) N. Venkateshwar, Law Department PA B. V. Padmavathi, and S&PC Security Gade Hareram.

T-Consult app bags Skoch award

Hyderabad: 22nd Dec 2020

The T-Consult app, a telemedicine service started by Telangana Information Technology Association (TITA) during the lockdown, has received recognition from Skoch Group. TITA had launched the free virtual doctor consultations in Makthal constituency in Naryaranapet district. The special jury at Skoch praised TITA for offering 20,000 free virtual doctor consultations in remote areas in Makthal. TITA trained 39-gram panchayat secretaries of all villages in the mandal, who now act as the nodal officers for the T-Consult App project at Gram Panchayat offices. Accordingly, ANMs and ASHA workers were also trained for the services.

Patients received online prescriptions and consultations for free through the project and services were availed by as many as 20,000 individuals during the lockdown. The e-medicine services rendered by T-Consult received the 69th Skoch Award under the telemedicine category. TITA's initiative bagged the award 'Excellence in Response to Covid' category. The award was presented on December 21.

Kothagudem nominated for Skoch award

Kothagudem: 9th Dec 2020

Bhadradi Kothagudem district has been nominated for Skoch award in 'Excellence in Response to Covid-19' category for the current year, said District Collector M V Reddy. The district has been selected for the nomination by the Skoch committee led by its chairman Deepak Dunjal after presentation of a documentary made on project 'Mission Bhadradi', he said. The Collector, during a recent video conference with the Skoch authorities, explained the measures taken to contain the spread of coronavirus and for treatment of Covid-19 patients.

The Skoch committee members appreciated the district administration for the Covid-19 control



measures presented in the documentary. During the lockdown period, zero cases were reported for nine weeks after the first case was reported in March third week. The district administration has been conscious about the second wave of Covid-19, and activities like awareness meetings, review and assessment of current situation have been taken up, Reddy said.

TSSOCA wins India Seed award as best seed certification agency

Hyderabad : 5th Dec 2020

Telangana State Seed and Organic Certification Agency (TSSOCA) has been presented with the India Seed Award as the best seed certification agency in the country by the Agriculture Today Group. Union Agriculture Minister Narendra Singh Tomar presented the award from New Delhi through virtual conference, in the presence of National Rainfed Area Authority (NRAA) chief executive officer Ashok Dalwai and other officials. TSSOCA managing director K Keshavulu received the award.

The Agriculture Today group presented the prestigious awards under the aegis of the Union Agriculture Ministry, Indian Council of Agricultural Research (ICAR), Protection of Plant Varieties and Farmers' Rights Act (PPVFRA) and Indian seed industries.

The TSSCOA has become a role model for other States in the country with state-of-the-art facilities and equipment, after Telangana State formation. It has introduced online seed certification and international seed certification for the first time in the country. Besides transporting seeds to about 10 States, it is also exporting seeds to several other nations.

24 / Jan 2021

Speaking on the occasion, Agriculture Minister S Niranjan Reddy lauded the efforts of the Agency for winning the prestigious award. He assured all support to the Agency as well as Telangana State Seed Development Corporation for developing Telangana into the seed bowl of the world as envisioned by Chief Minister K Chandrashekhar Rao.

Centre releases Rs 688 cr GST compensation to Telangana

Hyderabad: 21st Dec 2020

In its eighth weekly installment, the Union government released Rs 6,000 crore to all the States to meet the GST compensation shortfall. Accordingly, Telangana State received a total of Rs 688.59 crore so far over the last eight week. The State has already been granted permission to obtain an additional borrowing of Rs 5,017 crore which is 0.5 per cent of Telangana's GSDP.

In the wake of economic slowdown, the Union government has been borrowing loans on behalf of the States and Union Territories through a special borrowing window to meet the estimated shortfall of Rs 1.1 lakh crore in revenue arising on account of GST implementation. So far, the Centre borrowed Rs 48,000 crore over a period of eight weeks through the special borrowing window at an average interest rate of 4.69 per cent and released the amount to the States. Further, the Central government also granted additional borrowing permission equivalent to 0.5 per cent of States' GSDP (Gross State Domestic Product) to the States, including Telangana, for choosing Option-I to meet GST compensation shortfall to help them in mobilising additional financial resources. Permission for borrowing an additional amount of Rs 1,06,830 crore has been granted to 28 States under this provision so far.

KTR seeks Rs 4,070 cr for TS industrial projects in Union Budget 2021-22

Hyderabad: 23rd Dec 2020

IT and Industries Minister KT Rama Rao requested the Union government to allocate at least Rs 4,070 crore as special funds for major projects like Hyderabad Pharma City, National Industrial Manufacturing Zone (NIMZ)-Zaheerabad, National Design Centre (NDC)

TSTPC Trade Journal

and for establishment of an Industrial Corridor in the State. The Minister wrote to Union Commerce and Industry Minister Piyush Goyal in this regard, seeking budgetary allocations for these projects in the Union Budget 2021-22. Thanking the Ministry for including Hyderabad–Warangal and Hyderabad–Nagpur Industrial Corridors in the National Industrial Corridor Development and Implementation Trust (NICDIT), Rama Rao said the estimated project cost for taking up infrastructure development in these two nodes was about Rs 3,000 and Rs 2,000 crores respectively. Pointing out that the State government was keen on developing these two projects on the fast track mode, he sought allocation of funds to the extent of at least 50 per cent of the project cost in the budget estimates for 2021-22.

The Minister said that the State government was developing Hyderabad Pharma City (HPC) as the world's largest integrated pharma park to promote domestic manufacture of pharmaceuticals in line with the 'Make in India' and 'AtmaNirbhar Bharat' initiatives of the Union government and to consolidate the leadership position of India in the pharmaceutical sector. "The project is envisaged to become a first-of-its-kind featuring state-of-the-art infrastructure comprising common facilities including Zero Liquid Discharge (ZLD) based Common Effluent Treatment Plant (CETP), integrated solid waste management facility, district heating and cooling systems, logistic parks, Global Pharma University, regulatory facilitation cells, common drug development and testing laboratories, and Startup/SME Hub, among others," he said.

KTR demands Union govt to set up handloom institute in Telangana

Hyderabad: 25th Dec 2020

Telangana has a rich heritage in handlooms and handicrafts in which a large number of artisans are employed in rural areas, IT and Municipal Administration Minister KT Rama Rao has said. "There are more than 40,000 handloom workers concentrated mainly in Yadadri-Bhongir, Jogulamba-Gadwal, Warangal, Rajanna-Sircilla, and Karimnagar districts apart from about 49,000

power looms in the State out of which 36,000 alone are in Sircilla," he said in a letter to Union Minister for Women Child Development and Textiles Smriti Zubin Irani.

With the strong presence of both handloom and power loom sectors and due to its economic significance, there was a need to strengthen the development of the above sectors in the State by sanctioning the proposals which include sanctioning of Indian Institute of Handloom Technology (I.I.H.T) to Telangana, he said in the letter.

Currently, there was no such institute in the State to offer a course in diploma in handloom technology, and students were forced to go to neighbouring Andhra Pradesh, Odisha, Tamil Nadu and Karnataka to take admissions in IIHT. Keeping in view the potential in the handloom sector and the necessity of creating a skilled human resource, there was a dire need to set up an IIHT in Telangana. This would attract the youth to the handloom sector and generate employment for them, besides contributing to the strengthening of the handloom industry with the latest technological and design interventions, said Rama Rao. Rama Rao said sufficient land with a building was available at the Handloom Park in Pochampally, Yadadri-Bhongir, for the establishment of IIHT. He also sought up-gradation of power looms under In-SITU scheme and sanction of Block-Level Handloom Clusters under the National Handloom Development Programme (NHDP). "We have laid high emphasis on the sector to create jobs for our local population and to contribute to the country's GDP and exports," he said, stressing the impact of Covid-19 on Indian handloom, textiles, and apparel industry.

During the interaction with members of the textile industry, both within the State and outside, the common refrain from them was that the recovery would be very slow and contingent upon western world commencing regular operations, the State Minister said. Several companies had had their orders cancelled and shipments put on hold and were facing zero revenues and cash flows. "I am seriously worried about the sustenance of the industry and the resulting impact on the livelihoods of millions of workers," he said. On the other hand, it was obvious that the large global consumers would have to de-risk their supply chains and reduce dependence on major suppliers such as China. This offers a huge opportunity for India to attract further investments to meet the resurgence in the consumption a

few months down the line, the Minister said.

"In this scenario, we should protect the livelihood of people as well as exploit the emerging opportunities for creating new jobs, and increase our exports," Rama Rao said. He made key suggestions to meet the immediate and medium-term requirements to protect the industry and create more jobs for people. The suggestions include short-term policy support, reassurance to workers on the resumption of operations, banking support, asset classification, incentives to exporters, GST refunds, promotion of manmade fibres, cotton procurement support and attraction of investments by the industry.

Funds for textiles urgent: KTR

Hyderabad: 25th Dec 2020

Telangana has urged the Centre to extend financial assistance for development of handlooms and textiles in the State. Industries Minister KT Rama Rao wrote a letter to Union Minister for Textiles Smritilrani, seeking allotment of funds in the Union Budget 2021-22 for the development of Kakatiya Mega Textile Park (KMTP) and sanction of Mega Powerloom Cluster at Sircilla apart from sanctioning certain proposals for development of handlooms and textiles in Telangana.

Rama Rao said the KMTP at Warangal would take off in the financial year 2021-22 and it is being developed at a total estimated project cost of Rs 1,552 crore of which the core infrastructure works would cost approximately Rs 1,094 crore. "We have aligned our project activities such that major external and internal infrastructure works at KMTP can be taken up immediately upon receipt of proposed financial support under the Mega Textile Park scheme," Rama Rao said. "Under the proposed scheme, we understand that a total of Rs.500 crore capital support is available for a Mega Textile Park. We request that approximately Rs 300 crore of this amount be released at the earliest to kick start major external infrastructure works urgently needed at the park," he said.

As per geo-tagging report, as many as 35,588 power looms exist in Telangana. Of them, majority of power looms – 25,495 alone exist in Sircilla

district. Taking into account the existing power looms into cognizance, the Sircilla district stands best suitable to establish Mega Powerloom Cluster under Comprehensive Powerloom Cluster Development Scheme (CPCDS).

The Telangana government with a unique intention to generate employment for unemployed is setting up a Weaving Park under Worker to Entrepreneur Scheme and an Apparel Park at Sircilla. Further, in order to make Textile Park in Sircilla more viable it is planned to restart the CFC at the existing Textile Park, Sircilla.

Rama Rao requested Smritilrani to sanction Mega Powerloom Cluster at Sircilla in Telangana and sanction an amount of Rs.49.84 crore from out of the projected outlay of Rs 993.65 crore towards filling various gaps and to implement the components including infrastructure gaps, modernisation and expansion of production base, strengthening of value chain, market and skill development, capacity building and administration studies, and project monitoring costs of the Textile Park, Weaving & Apparel Park at Sircilla.

The government is very keen to set up Powerloom Development Corporation to look after various marketing strategies under the powerloom sector. It would be justifiable that the corporation will be the implementing agency and SPV on behalf of the State government. The Telangana government has been contributing a major share of Rs 756.97 crore in the project.

Telangana setting benchmarks with AI-driven govtech projects

Hyderabad: 2nd Jan 2021

Telangana government has been a frontrunner in adopting and encouraging emerging technologies such as Artificial Intelligence (AI) across India. Over the years, the State has emerged as a test bed for innovation, which led to companies choosing the city to set up their innovation labs. Declaring 2020 as the Year of AI, the State led several initiatives with applications ranging sectors such as healthcare, e-governance, agriculture,



surveillance and many more. Telangana IT Minister KT Rama Rao released the report “Telangana’s Year of AI – 2020 and Beyond” in Hyderabad highlighting the strides made by the State.

To meet the pressing need to tackle the Covid-19 pandemic, the State initiated a Covid-19 Data Platform that delivers over 100 dashboards using anonymised government and public datasets. It enabled the government to take timely decisions on augmenting medical capacities and systematic unlocking of specific industries during early phases. Telangana’s official Covid19 app has been designed as a single-source of official information, updates and advisories during the pandemic, with features such as telemedicine module integrated with the app for remote medical consultations as well as AI-based multilingual chatbot for interactive self-assessment.

Real-time digital authentication

Telangana is the first State in the country to build a digital authentication platform, leveraging emerging technologies making Government service delivery efficient, convenient and transparent. As a part of this rollout, over 32,000 pensioners have registered on the T-App Folio to avail annual certificate, out of three lakh registered pensioners. Old age pensioners need not visit the government office or submit a certificate that she or he is alive. This became a powerful service during the Covid-19 pandemic.

AI-based Anthropometry for newborns

AI is empowering ASHA and Anganwadi workers

in Telangana to improve the newborn health space. Wadhvani AI is creating a smartphone-based technology that will allow frontline workers to screen for low-birth-weight babies in rural homes.

This AI-powered visual weighing machine will provide accurate, tamper-proof, geo-tagged measurements on a smartphone, without additional hardware or data connectivity. A controlled setting has been created in Niloufer Hospital, Hyderabad, where the government collected data from over 3,500 newborns for algorithmic training and validation exercises.

AI for agriculture

Another AI solution developed by Wadhvani AI helps detect Pink Bollworm and American Bollworm, two of the most devastating pests for the cotton crop, currently deployed in Adilabad and Rangareddy districts.

The State is piloting a solution in collaboration with NITI Aayog to categorise the produce qualitatively and accurately, ensuring fair compensation for the farmer and ensuring good quality produce for the consumer.

Crowd management solution

A solution developed by a startup was deployed by the government that estimates crowd count in real-time using surveillance cameras (CCTV), and raise an alert when the crowd density numbers cross a threshold. This is particularly effective to predict and prevent stampedes.

Skilling initiative

Telangana Academy for Skill and Knowledge (TASK) along with Telangana State Council of Higher Education (TSCHE) has joined hands with Microsoft and NasscomFutureSkills to implement the March to Million initiative, which aims at skilling one million youth in AI by 2021. For the first batch, about 20,537 students have been enrolled for the programme from 383 colleges covered across 31 districts of Telangana. “I am glad that TASK and TSCHE have partnered for this initiative. The students of our state must make use of this opportunity to skill themselves in emerging technologies,” said KTR.



CM KCR pushes for demand-driven crops

Hyderabad : 7th Dec 2020

Chief Minister K Chandrashekhara Rao directed the officials concerned to promote the cultivation of demand-oriented crops in the State, observing that there was increasing demand for cotton, oilseeds and pulses in the market.

Chandrashekhara Rao pointed out that there was good response from the farmers to the State government's appeal to cultivate market-driven crops under regulated farming. "There is a good demand for cotton, oilseeds and pulses in the market. Vegetables are also in huge demand which must be given priority while the cultivation area of maize and oil palm should be increased to 20 lakh acres and 8 lakh acres, respectively," he said.

In a review on expanding farm operations, the Chief Minister said cotton cultivated in the State had earned the reputation of being the best in terms of quality in the country as well as the world. He pointed out that the length of cotton staple grown in the State was the longest in the country with high-quality firmness. The officials were instructed to identify the unique features

of cotton produced in the State and prepare an action plan accordingly to promote it on a large scale and build a brand image to increase its demand globally.

The Chief Minister suggested that the Agriculture Department organise a conference with experts in the field to promote the high-quality cotton being produced in the State. He wanted the officials to instruct cotton farmers on processing the cotton picked from the fields and packaging it with caution and thus, increasing its demand in the international market.

He said care should be taken so that there would not be any dust, rubble or soil in the cotton produce.

Chandrashekhara Rao said Telangana was the second-largest cotton-growing State in the country, with the cultivation taken up in about 60 lakh acres. "Cotton yields are good when it is cultivated under irrigation canals which are available adequately in Telangana due to the construction of several irrigation projects by the State government. Hence, if the cotton is grown under these canals, it will be beneficial for farmers," he said. He listed out several measures taken by the government to create a good market for cotton. He pointed out that the number of ginning mills in the State was increased from a mere 60 to 300 since the

State formation by setting up more of them in areas where the cotton cultivation was high. “Many modern methods have emerged besides the arrival of new plant varieties. The cultivation of one-time-pick cotton should be promoted in the State,” he added.

Agriculture Minister S Niranjan Reddy, Chief Secretary Somesh Kumar, Principal Secretary for Agriculture B Janardhan Reddy, Principal Secretary for Finance K Ramakrishna Rao, Telangana State Civil Supplies Corporation chairman MareddySrinivas Reddy, Principal Secretary for CMO S NarsingRao, Secretaries V Seshadri, SmitaSabharwal and Bhopal Reddy also attended the meeting.

Paddy purchase gains steam in Telangana

Hyderabad : 10th Dec 2020

The ongoing procurement of Vaanakalam (kharif) paddy crop this year has already registered a sharp increase of 30 per cent over last year’s figure of purchase till December 8, this despite the Covid impact.

The officials procured 29.5 lakh tonnes of paddy worth about Rs 5,568.16 crore, against 20.83 lakh tonnes in the corresponding period last Vaanakalam. The target set for this monsoon season is at least 85 lakh tonnes through 6,298 procurement centres opened across the State. Of the total paddy purchased so far by the Telangana State Civil Supplies Corporation



(TSCSC), about 20.93 lakh tonnes are of coarse variety and the remaining - 8.56 lakh tonnes - of fine variety. About 28.75 lakh tonnes have already been shifted to mills. Nizamabad district witnessed the highest paddy purchase with about 5.43 lakh tonnes procured so far, followed by Kamareddy (3.67 lakh tonnes).

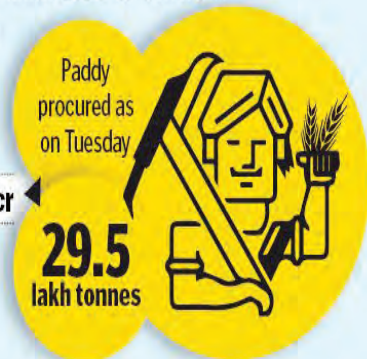
As against about Rs 5,568 crore worth paddy purchased from more than 6.61 lakh farmers, about Rs 4,098.52 crore has been paid to around 3.66 lakh farmers. Similarly, about 1.79 lakh tonnes of Custom Milled Rice (CMR) has been delivered to the Food Corporation of India (FCI) as also the State Civil Supplies Corporation, while arrangements are being made to deliver another 17.97 lakh tonnes. With paddy cultivated in about 52.77 lakh acres during the Vaanakalam season, a whopping yield of 1.25 crore tonnes is expected. The State is all set to create new records with paddy production expected to breach the one-crore-tonne mark in a single season for the first time, registering an increase of 33.36 lakh tonnes over last Vaanakalam’s production of 91.74 lakh tonnes.

The paddy is being purchased at the minimum support price (MSP) of Rs 1,888 per quintal for A-grade paddy as per the guidelines of the Food Corporation of India (FCI). Though Chief Minister K ChandrashekharRao promised to release an additional incentive over and above the MSP to paddy farmers in the State, the same has not been done due to the restrictions imposed by the FCI, which has refused to purchase paddy procured for more than the MSP. The State government has already assured purchase of paddy grains discoloured due to damage caused by the recent rains.

Bountiful Vaanakalam

ESTIMATED PADDY YIELD: **1.25 cr TONNES**

- Procurement target for Civil Supplies Corporation: **85.69 lakh tonnes**
- Value: **Rs 5,568.16 cr**
- Funds released to farmers: **Rs 4,098.52 cr**



CBIC introduces liberalised Authorised Economic Operator package for MSMEs

NEW DELHI : 07 Jan 2021

The Central Board of Indirect Taxes & Customs (CBIC) on Thursday said it has introduced liberalised Authorised Economic Operator package for micro, small and medium enterprises (MSMEs) for swift customs clearances.

In order to attract MSMEs to become Authorised Economic Operators (AEOs) and avail various benefits, the CBIC has relaxed the compliance criteria provided the MSMEs have a valid certificate from their line-ministry.

The relaxed requirements allow MSMEs who have filed minimum 10 customs clearance documents in one year and who have a clean compliance record over 2 years to apply for the scheme, the CBIC said in a statement.

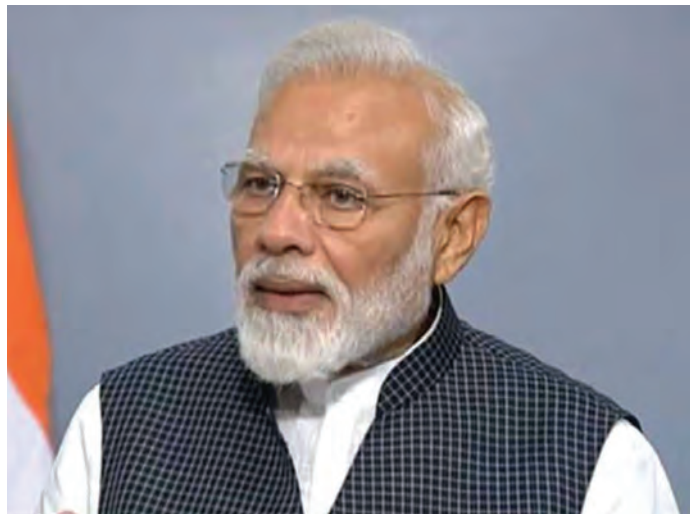
"The documentary requirements have also been appreciably simplified. Another feature is that the CBIC commits to take a decision on an application for grant of AEO status within only 15 days from electronic submission of complete documents for AEO Tier 1. Additional benefits, like further reduction in Bank Guarantee requirements, have been introduced for MSMEs, and will be expanded subsequently," it said.

CBIC's flagship 'Liberalised MSME AEO Package' scheme is a voluntary compliance programme which enables swifter Customs clearance for accredited stakeholders in the global supply chain namely importers, exporters, logistic service providers, custodians etc, it said. The approved AEOs derive various benefits including the facility of Direct Port Delivery (DPD) of imported containers, Direct Port Entry (DPE) of their Export Containers, high level of facilitation in customs clearance of their consignments thereby ensuring shorter cargo release time, exemption from bank guarantees, as well as a Client Relationship Manager at the customs port as a single point of interaction.

Modi, UK foreign secy launch virtual vaccines hub to fight Covid 19, future pandemics

New Delhi; 17th December 2020

In a step towards strengthening collaboration on tackling Covid-19 pandemic, Prime Minister



Narendra Modi and British foreign secretary Dominic Raab announced a virtual UK-India vaccines hub which will see experts from India and the UK joining forces to deliver vaccines for coronavirus and other deadly viruses. "Scientific cooperation has made breakthroughs on coronavirus vaccines at record-breaking pace and the UK-India vaccine hub will now build on these innovations, to bring this crisis to an end and protect us all against future pandemics," said Raab who met with Modi to signal a closer UK-India partnership through a 10-year roadmap and enhanced trade partnership. The vaccines hub is aimed to enable British and Indian experts to share knowledge and best practices on clinical trials and regulatory approvals and enhance cooperation on development and distribution of coronavirus vaccines. The hub will also build partnerships to develop innovation 'moonshots' that can define vaccine delivery over the next decade and beyond. With India already supplying 25% of UK's National Health Service's generic drugs, closer UK-India cooperation on medicines and vaccines approvals will ensure speedy access for the UK to Indian-produced pharmaceuticals and help safeguard future supplies to the NHS.

In another new agreement between India's Central Drugs Standard Control Organisation and the United Kingdom Medicines and Healthcare Products Regulatory Agency, the two agencies decided on more frequent discussions on UK-India vaccine and pharmaceutical regulations, improving standards and sharing information to control against the trade of unlicensed products.

India's GDP may shrink 7.7% this fiscal year, says govt; projection in line with street estimates

New Delhi: Jan 07, 2021

The Ministry of Statistics and Programme Implementation (MOSPI) today said that India's GDP may contract by 7.7 per cent in the current fiscal year 2020-21. Real GDP at constant prices in the year 2020-21 is likely to attain a level of Rs 134.40 lakh crore, as against the Provisional Estimate of GDP for the year 2019-20 of Rs 145.66 lakh crore, it added. The government's first advance estimates are in line with the estimates of the Reserve Bank of India and various rating agencies. RBI has predicted India's economy to shrink by 7.5 per cent in FY21 while rating agencies ICRA and Crisil have predicted it to contract by 7.8 per cent and 7.7 per cent respectively. Are Ratings has estimated the GDP to fall in the range of 7-7.9 per cent this year.

After the coronavirus pandemic hit the Indian shores, the government had imposed a strict nationwide lockdown to arrest the spread of the virus. However, it brought the wheel of the economy to a standstill and consequently, India recorded a record contraction in the country's GDP in the fiscal first quarter, which was 23.9 per cent. However, as the unlock phase began in June, the GDP revived sharply to a contraction of only 7.5 per cent in the second quarter.

Though a significant amount of recovery was seen during the festive season after Q2, it is unlikely to have been reflected in the first advance estimates as it is based on projections from a seven month period (April–October), using a mix of the corporate results, agriculture production data, transport and freight estimates, the index of industrial production, bank credit and deposits, and various other indicators. Nevertheless, the second advance estimates will be released by the end of February and will be based on a more comprehensive set of data.

Meanwhile, from GST collections to passenger vehicle dispatches to dealers, and from the Manufacturing Purchasing Managers Index (PMI) to other macro indicators, the wheels of the economy appeared to be recovering in December. However, the recovery in the economic figures has not helped the employment condition improve. The unemployment rate shot up to 9.1 per cent in the last month, according to the Centre for Monitoring Indian Economy (CMIE).

Centre releases Rs 429.45 crore to TS to meet GST shortfall

Hyderabad : 10th Dec 2020

The Union Finance Ministry released the weekly installment of Rs 6,000 crore to the States to meet the GST compensation shortfall, with Telangana State getting Rs 429.45 crore to meet the shortfall in GST collections in the State. Further, the State has also been granted permission to obtain an additional borrowing of Rs 5,017 crore equivalent to 0.5 per cent of its Gross State Domestic Product (GSDP).

The Union government is borrowing loans on behalf of States and Union Territories through a special borrowing window to meet the estimated shortfall of Rs 1.1 lakh crore in revenue arising on account of GST implementation. So far, the Centre has borrowed Rs 36,000 crore over a period of six weeks through the special borrowing window at an average interest rate of 4.7106 per cent and released the amount to the States. In addition, the Central government also granted additional borrowing permission equivalent to 0.5 per cent of GSDP to the States including Telangana for choosing Option-I to meet GST compensation shortfall to help them in mobilising additional financial resources. Permission for borrowing an additional amount of Rs 1,06,830 crore has been granted to 28 States under this provision so far.



Analysis on top 10 Export products from Telangana during 2019

Identification of new Markets

Rs in Crores

S. No.	HS Code	Export Product	Value of Exports
1	300490	Other medicine put up for retail sale	12104.08
2	293399	Other Heterocyclic Compounds with Nitrogen Hetro Atom (S) Only	2132.24
3	300220	Vaccines for human medicine	1272.13
4	300420	Containing other Antibiotics	1089.58
5	251611	Granite Crude or Roughly Trimmed	1037.44
6	711319	Articles of Other precious metal whether or not plated or clad with precious	941.76
7	300410	Medicaments containing Penicillins / Derivatives thereof, with a penicillanic acid structure (300410)	846.34
8	294110	Penicillins and their derivative with a pencillanic acid structure; salts thereof	497.82
9	520100	Cotton, Not Carded or Combed	390.45
10	720230	Ferro-Silico-Manganese	211.47

Total exports from the state of Telangana during 2019 Rs. 52242.45 Crores

Note : The World Bank (World Integrated Trade Solution) export, import data is updated till 2019 and it provides only 6-digit HS Code (Export Commodity Code). Hence the comparative analysis for the new market is done based on these parameters.

Product 1: Other medicine put up for retail sale (300490)

Rs in Crores

Exports from Telangana during 2019		Top Importing countries in the World during 2019	
Country	Value of Exports	Country	Value of Imports
U S A	7,680.95	USA	4,47,143.86
Russia	740.36	European Union	2,68,742.94
U K	267.35	Germany	1,95,360.14
Thailand	261.48	Belgium	1,38,054.90
Malta	233.04	Switzerland	1,15,096.36
Canada	210.69	China	1,07,910.46
South Africa	209.36	Japan	1,01,793.19
Brazil	192.54	Italy	91,908.58
Ukraine	131.61	France	86,077.14
China	130.30	UK	85,737.36
UAE	107.19	Spain	62,704.97
Germany	98.81	Russian Federation	55,582.87

Analysis outcome :

- 1) Global Demand is huge when compared to the products being exported from the State. State should improve export quantities
- 2) State should focus on the top importing countries like Belgium, Switzerland, Japan, Italy, France, and Spain. These are the new markets that need to be explored.

www.dgciskol.gov.in

Product 2 : Other Heterocyclic Compounds with Nitrogen Hetro Atom (S) Only (293399)

Rs in Crores

Exports from Telangana during 2019		Top Importing countries in the World during 2019	
Country	Value of Exports	Country	Value of Imports
USA	252.96	European Union	31486.22
Egypt	210.78	Switzerland	19723.99
U K	138.32	United States	16921.96
Turkey	118.49	China	11497.94
Japan	112.98	Spain	11375.95
Spain	85.13	Italy	10146.49
Bangladesh	83.26	Singapore	9736.56
Germany	68.29	Germany	5410.93
China	65.67	Belgium	5120.16
Bulgaria	63.85	Brazil	4479.40
		Ireland	4325.57
		Japan	4321.01

Analysis outcome :

- 1) Global Demand is huge when compared to the products being exported from the State. State should improve export quantities
- 2) State should focus on the top importing countries like Switzerland, Italy, Singapore, Belgium, Brazil, Ireland. These are the new markets that need to be explored.

Product 3: Vaccines for human medicine (300220)

Rs in Crores

Exports from Telangana during 2019		Top Importing countries in the World during 2019	
Country	Value of Exports	Country	Value of Imports
Pakistan	235.00	Belgium	56505.33
Bangladesh	132.93	United States	53224.19
Congo D. Rep.	72.89	European Union	17722.25
Ethiopia	53.95	United Kingdom	15039.96
Afghanistan	52.49	China	10987.79
Nigeria	50.21	Germany	8951.76
Uganda	46.18	France	5449.80
Tanzania	45.98	Brazil	5324.31
Philippines	45.06	Poland	5153.58
Angola	38.41	Italy	4120.03
		Canada	3880.52
		Spain	3749.35

Analysis outcome :

- 1) Global Demand is huge when compared to the products being exported from the State. State should improve export quantities
- 2) State should focus on the top importing countries like Belgium, USA, UK, China, Germany, France, Brazil, Poland, Italy, Canada and Spain. These are the new markets that need to be explored.
- 3) Exports from the State should be aligned with the World trade trends.

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Product 4: Containing other Antibiotics (300420)

Rs in Crores

Exports from Telangana during 2019		Top Importing countries in the World during 2019	
Country	Value of Exports	Country	Value of Imports
U S A	742.02	United States	21687.54
Russia	115.61	Switzerland	14296.98
Ukraine	42.32	China	11757.62
Kazakhstan	35.18	European Union	10433.35
Malta	18.11	Belgium	6590.64
France	14.81	Russian Federation	4547.09
Colombia	13.47	France	3718.91
U K	10.66	Japan	3363.50
		Germany	3358.33
		Hong Kong,	3203.61
		United Kingdom	3028.05
		Slovenia	3007.93

Analysis outcome :

- 1) Global Demand is huge when compared to the products being exported from the State. State should improve export quantities
- 2) State should focus in the top importing countries like Switzerland, China, Belgium, Germany, Hong Kong and Slovenia. These are the new markets that need to be explored.
- 3) Exports from the State should be aligned with the World trade trends.

Product 5: Granite Crude or Roughly Trimmed (251611)

Rs in Crores

Exports from Telangana during 2019		Top Importing countries in the World during 2019	
Country	Value of Exports	Country	Value of Imports
China	1020.15	China	6229.42
Taiwan	3.60	European Union	1987.36
Kuwait	3.26	Italy	1006.57
Hong Kong	3.29	United Kingdom	401.48
		Spain	335.24
		Other Asia, NES	327.99
		Poland	313.96
		Belgium	126.57
		Germany	109.36
		France	106.29
		Switzerland	96.14

Analysis outcome :

- 1) Global Demand is huge when compared to the products being exported from the State. State should improve export quantities
- 2) State should focus on the top importing countries like Italy, UK, Spain, Poland, Belgium, Germany, France and Switzerland. These are the new markets that need to be explored.
- 3) Exports from the State should be aligned with the World trade trends.

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Product 6: Articles of Other precious metal whether or not plated or clad with precious metal (711319)

Rs in Crores

Exports from Telangana during 2019		Top Importing countries in the World during 2019	
Country	Value of Exports	Country	Value of Imports
U A E	547.16	Switzerland	119678.68
U S A	315.40	United Arab Emirates	108044.09
Hong Kong	46.49	Hong Kong, China	93882.10
Singapore	14.40	United States	53236.25
Qatar	13.09	European Union	46734.21
		France	42713.57
		United Kingdom	28994.84
		Singapore	21795.97
		China	15491.96
		Japan	13529.77
		Turkey	11480.87
		Italy	10924.60

Analysis outcome :

- 1) Global Demand is huge when compared to the products being exported from the State. State should improve export quantities
- 2) State should focus on the top importing countries like Switzerland, France, UK, China, Japan, Turkey and Italy. These are the new markets that need to be explored.
- 3) Exports from the State should be aligned with the World trade trends.

Product 7: Medicaments containing Penicillins / Derivatives thereof, with a penicillanic acid structure (300410)

Rs in Crores

Exports from Telangana during 2019		Top Importing countries in the World during 2019	
Country	Value of Exports	Country	Value of Imports
U S A	512.33	United States	4161.62
Malta	74.04	China	1230.03
Finland	34.97	Russian Federation	1191.21
U K	24.77	Germany	1115.54
Canada	23.43	Italy	995.92
Russia	22.50	France	974.30
Brazil	16.64	Japan	928.17
Hong Kong	15.98	Vietnam	809.54
		Belgium	704.89
		Austria	686.45
		United Kingdom	613.43
		Brazil	464.38
		Philippines	455.55

Analysis outcome :

- 1) Global Demand is huge when compared to the products being exported from the State. State should improve export quantities
- 2) State should focus on the top importing countries like China, Germany, Italy, France, Japan, Vietnam, Belgium, Austria, and Philippines. These are the new markets that need to be explored.
- 3) Exports from the State should be aligned with the World trade trends.

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Product 8: Penicillins and their derivative with a penicillanic acid structure; salts thereof (294110)

Rs in Crores

Exports from Telangana during 2019		Top Importing countries in the World during 2019	
Country	Value of Exports	Country	Value of Imports
China	259.89	European Union	1883.00
Turkey	50.31	Italy	1374.89
Egypt	39.55	United States	836.83
Indonesia	35.30	United Kingdom	567.21
Taiwan	14.50	Belgium	534.36
Ireland	13.00	Spain	454.66
		France	407.95
		Thailand	386.83
		Indonesia	363.83
		Brazil	339.57
		Vietnam	295.00
		Portugal	288.12
		Turkey	245.50

Analysis outcome :

- 1) Global Demand is huge when compared to the products being exported from the State. State should improve export quantities
- 2) State should focus on the top importing countries like Italy, USA, UK, Belgium, Spain, France, Thailand, Brazil, Vietnam, and Portugal. These are the new markets that need to be explored.
- 3) Exports from the State should be aligned with the World trade trends.

Product 9: Cotton, Not Carded or Combed (520100)

Rs in Crores

Exports from Telangana during 2019		Top Importing countries in the World during 2019	
Country	Value of Exports	Country	Value of Imports
Bangladesh	373.83	China	26040.75
Vietnam	9.98	Vietnam	17521.32
China	5.89	Turkey	11576.39
		Indonesia	8158.83
		Pakistan	5172.09
		Thailand	2682.13
		Malaysia	2113.52
		Korea	1956.79
		European Union	1526.92
		Other Asia, NES	1350.12

Analysis outcome :

- 1) Global Demand is huge when compared to the products being exported from the State. State should improve export quantities
- 2) State should focus on the top importing countries like Turkey, Indonesia, Pakistan, Thailand, Malaysia, and Korea. These are the new markets that need to be explored.
- 3) Exports from the State should be aligned with the World trade trends.

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Product 10: Ferro-Silico-Manganese (720230)

Rs in Crores

Exports from Telangana during 2019		Top Importing countries in the World during 2019	
Country	Value of Exports	Country	Value of Imports
Japan	207.24	European Union	4462.96
Malaysia	1.26	United States	3302.28
		Japan	2147.33
		Germany	1747.21
		Turkey	1553.30
		Italy	1453.91
		Russian Federation	1398.54
		Korea	787.78
		Other Asia, NES	682.21
		Poland	622.73
		Malaysia	542.58
		Indonesia	486.14

Analysis outcome :

- 1) Global Demand is huge when compared to the products being exported from the State. State should improve export quantities
- 2) State should focus on the top importing countries like USA, Turkey, Italy, Russia, Korea, Poland and Indonesia. These are the new markets that need to be explored.
- 3) Exports from the State should be aligned with the World trade trends.

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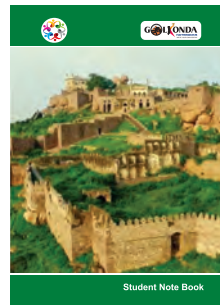
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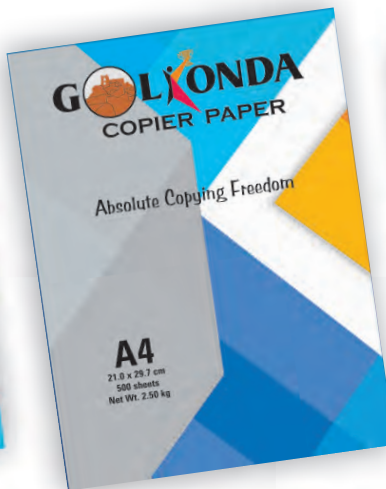
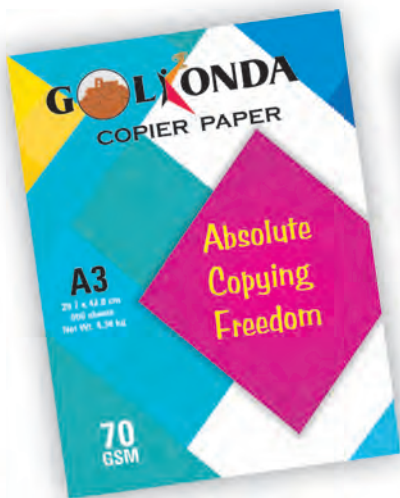
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