

# Telangana State Trade Journal

EXPLORING NEW TRADE FRONTIERS

VOLUME - 5

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## TSTPC

EXPLORING NEW TRADE FRONTIERS

**TELANGANA STATE TRADE PROMOTION CORPORATION LIMITED**

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A leadership team from Airbus headed by **Sri Rémi Maillard**, Airbus India President met **Sri KT Rama Rao**, Hon'ble Minister for Industries & Commerce, IT & C & MA & UD, **Sri Venkat Katkuri**, Head of Defence & Space, **Sri Ashish Saraf**, Head of Airbus Helicopters, **Sri Jayesh Ranjan**, IAS, Principal Secretary, Industries & Commerce, IT & **Sri Praveen PA**, Director Aerospace were present.

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# MONTHLY TRADE JOURNAL

## Telangana State Trade Promotion Corporation Limited.

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### CONTENTS

Telangana planning industrial park exclusively for South Korean investors: KTR	3
French dairy firm to invest more in Telangana	4
Indian Immunologicals to set up new unit in Telangana	5
AGI Glaspac to up investments in Telangana	6
Oorja to set up manufacturing unit in Telangana	7
Telangana govt providing assistance to women entrepreneurs	8
KTR to soon lay foundation stone for IT park at Kompally	9
Rs 20 cr sanctioned for 2nd phase of IT Hub	10
More perks for Telangana industries hiring locals	11
TS-iPASS advantage for industries	12
More benefits for IT firms: KTR	13
Electronics, food processing, textiles sectors to be key for Telangana in next decade: KTR	14
Telangana to focus on food processing: KTR	15
Telangana excelling in pharma sector: KTR	16
Telangana growth-bound, more reforms on cards	17
Artificial Intelligence rescues cotton farmers	18
Telangana bags 'Agriculture Today' awards	19
TS Fisheries dept wins recognition for inland fish cultivation	20
Online Certificate Course in Export Import Management	21
Schemes for Food Processing Sector in India	22-34
Food Testing Laboratories in Telangana eEstablished with Assistance of MoFPI and NABL / FSSAI Notification Status	35
Consolidated list of Approved Cold Chain Projects in Telangana as on 30.11.2020	36

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## Message from the Joint Managing Director's Desk

It is heartening to note that the Telangana State Industrial Project Approval and Self-Certification System (TSiPASS), the State government's super-quick single window clearance system for industrial clearances, has turned out to be quite the doctor's prescription for a **healthy investment flow into the State, having clocked Rs 2.24 lakh crore with total 13,804 companies and 14.48 lakh employment opportunities in the past 6 years.** Highest investments in the sectors of IT and Realty with Rs 56,900 crs and employment of 8.34 lakhs. Single largest FDI done by Amazon of Rs 20,761 crs. **About 80% of the investments promised have been operationalized.**

The current investment projects include.. investment by Netherland-based **Trouw Nutrition**, a company involved in feed specialties, feed additives, premixes and nutritional services for the animal nutrition industry, made its maiden manufacturing foray in India with a production facility at Jadcherla, near Hyderabad with an investment of Rs 89 crores. Setting up a **Korean Industrial Park** by the State Government exclusively for firms from that country which invest in Telangana, said IT and Industries minister KT Rama Rao. He assured full support to investors from the East Asian country. **GroupeLactalis**, a family-owned French dairy company and the largest cheese manufacturer in the world, is strengthening its base in India, through its arm Lactalis India through their plant at Gungal in Ranga Reddy District of Telangana, they currently make tetrapak milk products with long shelf-life and other processed dairy products. **AGI Glaspac**, packaging products arm of HSIL, is going for a major expansion at Bhongir, Telangana with an investment of Rs 220 crore with an employment of 4,000 jobs. The company has so far invested Rs 1,500-1,600 crore in the State. Hyderabad-based **Oorja Cleantech**, which is into providing heating and cooling solutions to industries and commercial places, plans to set up a new manufacturing unit near FabCity to make pipes and radiant cooling baffles with an investment of Rs 100 crs in two years. Gurugram based **Navia Life Care**, a health-tech startup is looking to expand its presence in Telangana and Hyderabad by on-boarding 1,000-1,500 doctors with 350-500 coming from the city itself in the next few months. About **13 Hyderabad-based tech startups**, out of 26 incubated startups in WE-Hub, had an opportunity to showcase their products which included solutions from health tech, infratech, life sciences, pharma, logistics, and FMCG sectors. Rajiv Gandhi International Airport at Hyderabad has introduced **Internet of Things - enabled Smart Baggage Trolleys, becoming India's first airport** to deploy IoT for tracking and maintaining the availability of baggage trolleys.

In respect of exports, the State has strong sectors of software, Pharmaceuticals, Bulk drugs, chemicals, Granite, Gems and Jewelleries including pearls and diamond, aerospace & defence, automobile, seeds, meat and spices. **Telangana State Trade Promotion Corporation (TSTPC) is facilitating all the prospective exporters in respect of new or innovative products and new markets from time to time.** I am happy to state that TSTPC has been sponsoring to conduct Certificate Course in Export Import Management by Federation of Telangana Chambers of Commerce and Industry (FTCCI).

Various schemes and guidelines for promoting food processing sector in the State are covered in this Trade Journal for the use of prospective investors. I am so happy that the investment climate in the State is very pleasant and encouraging in spite of on-going COVID-19 situation and its second wave.

E. Venkat Narasimha Reddy

## Telangana planning industrial park exclusively for South Korean investors: KTR

Hyderabad : 11th November 2020

The state government is planning to set up a Korean Industrial Park exclusively for firms from that country which invest in Telangana, said IT and Industries minister KT Rama Rao. He assured full support to investors from the east Asian country .

Rama Rao, who participated in the India-Korea Business Forum along with South Korean industrialists and officials from the South Korean embassy, said, "Telangana has enjoyed a successful relationship with several reputed Korean organisations. Telangana will provide complete assistance to the South Korean industries who come forward to invest in Telangana." Rama Rao sought help from embassy officials of Korea and India in this regard.



The minister also said that the Telangana government will provide training to the local youths at its own cost to provide skilled labourers to the Korean companies which invest in the state.

Talking about the TS-iPASS, Rama Rao said Telangana has its unique and progressive industrial policy in the form of Telangana State Industrial Project Approval and Self-Certification System (TS-iPASS). He added that this policy has been attracting major investments to Telangana and is appreciated by various industry leaders across the globe. He stated that investment of about \$30 billion has come to Telangana since TS-iPASS came into functioning.

The minister said that YoungOne, a Korean company, has come forward to invest in Telangana. The State government had entered into a partnership with South Korea's Gangwon Techno Park (GWTP) for technology and cluster cooperation in the space of med-tech devices, Rama Rao further said.

Hyundai India has set-up its only state-of-the-art R&D Center in Hyderabad which is the largest Hyundai R&D Centre outside Seoul. Telangana has a stable government and all other natural resources suitable for setting up industries such as availability of water and uninterrupted supply of electricity, the minister added.

## Netherlands-based Trouw commissions animal nutrition products facility at Jadcherla

Hyderabad : 2nd Dec 2020

Trouw Nutrition, a company involved in feed specialties, feed additives, premixes and nutritional services for the animal nutrition industry, and part of the Netherland-based Nutreco Group, made its maiden manufacturing foray in India with a production facility at Jadcherla, near Hyderabad.

The company has invested 10 million euros (about Rs 89 crore) into the facility, which is spread across four acres. Trial and commercial production at the site is in progress with commercial operations scheduled to begin within a week.

The one of its kind manufacturing facility, set to be inaugurated by Marten Van den Berg, the Netherlands Ambassador to India, on December 7, has high-end technology designed to deliver premix for customers in South Asia.

The 20,000 MT modern plant will primarily produce vitamins, mineral premixes, mineral blends and feed safety solutions for all species. The entire manufacturing process is automated right from raw material handling to bagging at the plant so that the final product is completely untouched by hands.

The unit will cater to the market needs of the entire South Asia and is expected to clock full capacity utilisation by 2025. The facility will primarily cater to South Asian markets such as Sri Lanka, Bangladesh and Nepal in addition to India.

In addition to this facility, the company is also setting up a second unit in Surat, Gujarat, which will be commissioned by 2021-22. The unit is being set up with an investment of 10 million euros (about Rs 89 crore). Trouw Nutrition is currently present in over 175 locations globally with over 70 manufacturing facilities.

## **French dairy firm to invest more in Telangana**

*Hyderabad : 13th Nov 2020*

Groupe Lactalis, a family-owned French dairy company and the largest cheese manufacturer in the world, is strengthening its base in India, through its arm Lactalis India. The company has significantly invested in local facilities across the country, with processing facilities spread across Telangana, Andhra Pradesh, Tamil Nadu and Maharashtra. There will be more investments in future in India, including Telangana.

Rahul Kumar, MD, Lactalis India said, “We have a plant at Gungal in Ranga Reddy District of Telangana where we currently make tetrapak milk products with long shelf-life and other processed dairy products





catering to both Hyderabad and key nearby cities such as Warangal. Telangana remains a key market for us and we constantly see opportunities to expand existing facilities and add new facilities in future.”

Lactalis has been aggressive in its inorganic growth. The company acquired Thirumala Milk Products in 2014 which has presence in Telugu States, followed by acquisition of Anik Dairy having footprint in northern and eastern parts of India and Prabhat with operations pan-India, in 2016 and 2018, respectively. Lactalis has so far invested Rs 4,000 crore in large ticket acquisitions in the last six years.

The company continues to grow both organically and inorganically. There will be 70 per cent organic growth and 30 per cent inorganic growth in future, Kumar informed. The company has rolled out ghee, butter, cheese and milk brands in India, in addition to several value-added fermented products. The company has just rolled out its global ultra-heat treatment milk brand Lactel in India, which is sold in over 50 countries. This product could be made both in Telangana and Maharashtra, going forward.

Kumar added, post-Covid, the company will draw out fresh expansion plans. The company has been witnessing a capex of over Rs 100-110 crore every year, primarily into procurement, testing, machinery and other facilities. Lactalis with a focus on R&D is looking at a range of new products that have nutritional value, particularly aimed at women’s and children’s health. On the retail front, the company has a large offline base with about 500 stores across India. There are plans to add at least 300 stores every year from now on. Kumar says, India is a large market and can accommodate many retail stores for the value-added products that the company is targeting.

## Indian Immunologicals to set up new unit in Telangana

Hyderabad : 25th Nov 2020

Hyderabad-based biologicals company, Indian Immunologicals Ltd (IIL), announced the ground-breaking of a new viral antigen manufacturing facility in Phase III of Genome

Valley, Karkapatla, Ranga Reddy District, Telangana. With this investment of Rs 75 crores in the upcoming facility, the company expects to increase its capacity to supply additional quantities of vaccines.

The new facility will be specially designed as a multi-product facility and will cater to the need for viral vaccines in the pipeline that includes Dengue, Zika and Varicella. The company also plans to utilise the facility to manufacture Covid-19 vaccines post completion of its R&D with Griffith University, Australia. Spread across 2,000 square meters, the new plant will be designed with Biosafety Level 3 suite and complement Indian Immunologicals’ existing operation adding more equipped and high-speed production.

The company also inaugurated a new sterile



filling facility that was commissioned last year at an additional investment of Rs.75 crores. This facility will increase IIL’s capacity to supply lifesaving vaccines such as the Anti-Rabies Vaccine (ARV) – Abhayrab. As a part of the expansion plan, Indian Immunologicals will add over 150 new positions, bringing its total staff strength close to 1,500. The new facility will boost the production capacity by over 35 per cent and increase the supply capacity to key markets where rabies vaccine is critically needed.

Dr K Anand Kumar, MD, Indian Immunologicals said, “As we mark as one of the major players in the pediatric and rabies vaccines, this expansion of our manufacturing facility is our commitment to securing a healthy and

sustainable future. The total investment of over Rs 150 crore is in the same direction of our vision to increase the production capacities to ensure a reliable and affordable supply of high-quality vaccines to larger communities.”

## **AGI Glaspac to up investments in Telangana**

*Hyderabad : 30th Nov 2020*

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

The company has two manufacturing facilities, one at Moti Nagar Hyderabad and the other at Bhongir engaged in the manufacture of glass containers for the packaging needs of food, pharmaceuticals, soft drinks, spirits, and other beverage industries. The company which established its Bhongir facility in 2009 saw further expansion in 2012. The company currently has a capacity of 1,000 tonnes of soda ash glass per day

in its existing Bhongir unit. Rajesh Khosla, president & CEO, AGI Glaspac said, “Through the new facility, we see a big opportunity across pharmaceuticals and biotechnology, cosmetics, perfumery, personal care and other sectors. We will be making vials for vaccines including the Covid-19 vaccines currently under development by Indian biotech companies. We are in active talks with them. There is going to be a recurring demand in the vaccines space in the coming 2-3 years, which will boost glass business.”

“Telangana government has ensured stability and has been very enterprising. The bureaucracy has been supportive and the State has ensured clarity in its industrial policies. The government has provided uninterrupted electricity, water and other amenities. There is also a lot of quality manpower available in the State. The quality of life here has helped us attract senior professionals from across the world.”

### **Capacity building**

With an in-house design facility, mould manufacturing and ACL (Applied Ceramic Labeling) facilities, AGI has fully integrated operations. With the Hyderabad and Bhongir facilities put together, AGI today melts around 1,600 tonnes of glass per day, from 80 tonnes per day capacity in 1972.

The company is focusing on R&D in the areas of inputs, processes, metallurgy and products using both in-house and external capabilities and support from across the world. India’s total container glass capacity is estimated at 8,000 tonnes per day, of which AGI accounts for 20 per cent of the capacity.





## Geographic footprint

Apart from catering to multinationals which comprise a part of AGI's domestic market (contributing 90 per cent), the company exports to North America, Europe and Africa. He informed, "We are seeing fresh opportunities in Australia and New Zealand. Due to the pandemic, several nations are looking to disengage with China, and once those countries stabilise, we will have more new markets to foray. Food and liquor are the key segments for exports." HSIL as a group has been making significant investments in Telangana in plastic pipes & fittings, security closures, polymer and sanitary-ware segments.

## Oorja to set up manufacturing unit in Telangana

Hyderabad : 18th Nov 2020

Hyderabad-based Oorja Cleantech, which is into providing heating and cooling solutions to industries and commercial places, plans to set up a new manufacturing unit near FabCity to make pipes and radiant cooling baffles. The proposed unit will see an investment ranging Rs 50-100 crore in about two years, said Madhusudhan Rao, Founder and MD of Oorja Cleantech. Some part of the material required is now manufactured at Cherlapally and some is secured from OEMs in Germany. Radiant cooling baffle can deliver cooling (of one tonne capacity) for every about 300 sqft. Cost of this installation will work out to 200-300 per sqft for large commercial projects, he said. "We embed pipes while construction or use radiant baffles, which are like false ceiling panels. We use treated water to flush the heat out of the building," he said adding that the power use reduces by 30 to 90 per cent, depending on the module adopted.

India's electricity consumption for cooling is set to increase from the current 25 GW (accounting for about two per cent of the global cooling market) to nearly 850 GW (accounting for 25 to 30 per cent of the global demand) in 30 years. India's current power generation capacity now is a little less than 400 GW. It implemented its solution for a hostel at Raipur as installing split ACs is not viable. "We want to use this in commercial buildings too and we are talking to some developers to implement this," he said adding that the concept is in its infancy.

In case where water is used to cool the structure, it will need about six litre per hour per tonne capacity of cooling. In this case, the power demand is cut by about 90 per cent but the comfort level is not the same as temperature is about 26 deg to 30 deg, which is still comfortable when compared to outside temperature of above 40 deg. Both these solutions intended for different markets, he said. "A premium apartment will need 6 to 8 tonne cooling capacity. For an apartment of 300 units, we will need 2.4 MW connected load. Since all of that is not operated at the same time, there is a lot unnecessary capacity that is locked in. But if we use a central system, the electrical capacity drops significantly," he said.

## Navia Life Care to on-board docs in Telangana

Hyderabad : 22nd Nov 2020

Navia Life Care, a health-tech startup from Gurugram, is looking to expand its presence in Telangana and Hyderabad by on-boarding 1,000-1,500 doctors with 350-500 coming from the city itself in the next few months. Currently, the startup has about 400 doctors from this region. All over India, the 2016-founded startup has on-boarded 8,000 doctors from 400 cities with about 60-65 per cent of them coming from tier-2 cities and beyond. The startup uses digital tools and artificial intelligence to help doctors and patients connect better and work with hospitals on providing digital prescriptions and electronic health records. Besides, it also has digital solutions for the front office of the hospital and helps patients by providing medicine reminders and remote monitoring service once the patient gets discharged.



“When we started in 2016, we saw many loopholes and gaps in the way digital technologies were being adopted by healthcare institutions and that is when we came up with solutions that are not just easy for doctors and hospitals but also for patients as well. We have an ambitious vision to enable more than 250,000 doctors and over 200 million patients in over 10 countries by our digital health platforms by 2025. However, currently, we are focused on expanding our presence in different specialisations through specific solutions. We are planning to have our products in the hands of about 45,000 doctors in the next 12-15 months,” said Gaurav Gupta, co-founder, Navia Life Care.

The Telangana and Hyderabad markets are extremely important for the startup as it sees a lot of traction and a high rate of adoption for its digital solutions from this region which has a huge presence of hospitals and the healthcare sector. It offers its prescription output in Telugu and has options in nine regional languages on the platform. Post the pandemic, Navia has seen tremendous growth and traction for its platform as there was a growing demand for digital healthcare service.

## Telangana govt providing assistance to women entrepreneurs

Hyderabad : 25th Nov 2020

Telangana government-led incubator for women entrepreneurs WE-Hub startups were guided on receiving government's assistance during their transitional process from a startup to a SME during a recent visit by IT and Industries department principal secretary Jayesh Ranjan. The 26 startups which are part of the second cohort of



incubation are from across 15 cities in India and in the past five months of virtual incubation, startups have seen progress through various interventions along with raising funds in this adverse situation. About 13 Hyderabad-based tech startups, out of 26 incubated startups, were part of an interaction session arranged at WE-Hub with Ranjan. The startups had an opportunity to showcase their products which included solutions from health tech, infratech, life sciences, pharma, logistics, and FMCG sectors.

The startups were encouraged to take numerous benefits of being incubated at a government led incubator like WE-Hub and were guided on support mechanisms for manufacturing benefits from government to convert startups to SME. Preferential procurement access for services and products of homegrown startups, relevant to the government without going through the cumbersome procurement policy of bidding and tenders was also assured by Ranjan.

“With the goal of promoting innovation and entrepreneurship for women, the State government has established WE-Hub. Startups need to leverage the make use of the infrastructure, government policy, mentorship support and international opportunities WE-Hub is leveraging through its strong network of collaborations with premier entities across Telangana and around the world,” he said.

## Hyderabad airport gets IoT-enabled Smart Trolleys

Hyderabad: : 27th Nov 2020

In a significant step towards becoming a Smart Airport, the Rajiv Gandhi International Airport here has introduced Internet of Things- enabled Smart Baggage Trolleys, becoming India's first airport to deploy IoT for tracking and maintaining the availability of baggage trolleys for passengers in real time.



According to an official communiqué, RGIA has deployed the Long Range (LoRa) IoT platform for the Airport Baggage Trolley Project. The entire fleet of 3000 baggage trolleys has been enabled with IoT, which will translate into substantial reduction

in waiting time of passengers for baggage trolleys and will ensure availability in sufficient number in real time. Trolley management and replenishment will be based on the requirement at various areas across the airport, officials said. Smart Baggage Trolley management will address challenges of trolley retrieval and replenishment by locating trolleys at the right time and at the right spot. It also helps tackle theft of trolleys and empowers the airport to meet passenger requirements on a real time basis. The Smart Trolley Management system has the capability to plan baggage trolleys according to the predictive analyses of estimated departure and arrival passenger loads, they said, adding that with an inbuilt alert mechanism, in case any trolley is taken out of a 'no airport zone' area, it generates an alert message tipping off the location for necessary action which can then be taken to retrieve.

## Hon'ble Minister KTR to lay foundation stone for IT park at Kompally

Hyderabad : 6th Dec 2020

IT and Industries Minister KT Rama Rao will soon lay the foundation stone for the much-awaited IT park in Kompally area in Hyderabad. As part of the Growth in Dispersion (Grid) policy of the State government, the Telangana State Industrial Infrastructure Corporation (TSIIC) has identified necessary land in association with the Revenue Department and the Hyderabad Metropolitan Development Authority (HMDA).



In a review meeting on the IT and Industries departments here, the Minister directed TSIIC Managing Director E Narasimha Reddy to expedite the land acquisition for the Kompally IT park and to make arrangements for the foundation-laying ceremony. Pointing out that there was good response from the IT firms for the GRID policy, he enquired about the ongoing works of the IT parks in the industrial areas of Uppal and Nacharam. Rama Rao also telephoned Chief Secretary Somesh Kumar and asked him to provide necessary support to the companies which were keen on developing IT parks and also to establish their IT companies under the GRID policy. He said several companies were coming forward to invest in Divitipalli area of Mahabubnagar district.

Issues pertaining to the IT industry's expansion to Tier-II cities were also discussed. While several companies have already commenced their operations in Warangal, many including major companies were keen on kick-starting their activities in the second phase scheduled to commence soon. The Minister is scheduled to inaugurate an IT tower in Khammam. Commissioner of Industries Manick Raj briefed the Minister on the efforts by the department to top the Ease of Doing Business (EoDB) rankings. Observing that the State's rank



had slightly gone down last year due to technical issues, Rama Rao wanted the authorities not to repeat the mistakes committed earlier and ensure that all the departments concerned coordinate with each other in this regard. TSIIC chairperson Gyadari Balamallu and others were present.

## Rs 20 cr sanctioned for 2nd phase of IT Hub

*Khammam: 7th Dec 2020*

IT and Industries Minister KT Rama Rao announced the sanction of Rs 20 crore for establishing the second phase of IT Hub in Khammam. The Minister made the announcement after inaugurating the first phase of IT Hub here, following a request made by Khammam MLA and Transport Minister Puvvada Ajay Kumar. He also sanctioned Rs 30 crore for the development of roads in Khammam city.

Addressing a gathering, Rama Rao said Khammam has been witnessing rapid growth and was placed top in development. He said it was the desire of Chief Minister K Chandrashekhar Rao to decentralise the IT industry in tier-II cities.

Following the Chief Minister's instructions, IT Hubs were being set up in places like Siddipet, Karimnagar, Khammam and other places. In the past the IT industry was limited to Hyderabad alone, he noted. Rama Rao expressed pleasure at four product development companies setting up their centres in the IT Hub while urging the youth in tier-II cities to grab the opportunities available locally to build up their career. He also wanted them to engage themselves in upskilling and reskilling constantly and draw inspiration from former prime minister late PV Narasimha Rao, who used to learn new skills always.



The IT Minister suggested to the authorities of the Telangana Academy for Skill and Knowledge (TASK) Centre in the city to expand their operations towards the promotion of other industries, not just IT. Rama Rao stated that the Chief Minister wanted special food processing zones to be set up in Telangana and was planning to promote food processing industries in Khammam after completion of irrigation projects in the district.

Showering praise on Ajay Kumar and the district administration for ensuring development of Khammam in a rapid manner, he said Khammam Municipal Corporation was the best among all the municipal bodies in the State.

Each municipal body should get inspired from one another in developing their towns. The municipal elected members from other towns would be sent to Khammam on a study tour. Steps to develop Bhadradi Temple would be made to promote it at global level, Rama Rao added.

## TS & Welsh govts sign MoU to strengthen research and education exchange

*Hyderabad : 11th Nov 2020*

In a move to strengthen higher education and research, Telangana and Welsh (UK) governments have entered into Memorandum of Understanding (MoU). The agreement facilitates developing mutually beneficial programmes which strengthen education, research, student and faculty mobility, linkages to employability skills and social links. The MoU to be in effect for three-years was exchanged virtually by Telangana Education Minister, P. Sabitha Indra Reddy and Welsh Government Education Minister, Kirsty Williams MS.

Under the agreement both the governments will work in areas including entrepreneurship and innovation, employability and skills, technology and management. They will also work towards university partnerships, sustainability and opportunities for staff and student mobility. Other key areas of interest include transnational education, quality assurance and comparability of qualifications.

Sabitha Indra Reddy said, "The MoU will improve students' access to quality education, skills and employability, by providing them with the right research and entrepreneurial skills. I am confident this bilateral partnership will be able to foster a brighter future for Telangana's students."



"Through this MoU and our strategic partnership with Global Wales, I see real scope for developing research partnerships, student and academic exchanges that will mutually benefit both Wales and Telangana, now and in future," Kirsty Williams said

British Council in India director Barbara Wickham said this first of its kind partnership between an Indian state and Wales, would help strengthen international exchange between the higher education sectors of India and the UK. Telangana State Council of Higher Education (TSCHE) chairman, Prof. T Papi Reddy pointed out that in tune with industry requirements, the universities must impart skills to students and enhance their employability quotient. The MoU will certainly help improve skills of Telangana students that are needed by the global market, he added.

TSCHE vice-chairman Prof. R Limbadri said the TSCHE in collaboration with the British Council will soon launch a curriculum development programme in the areas of liberal arts and social sciences at UG level.

## **More perks for Telangana industries hiring locals**

*Hyderabad: 14th November 2020*

In a bid to promote local employment, industries in Telangana is set to get VAT/CST or State GST reimbursement for a period of five years and other additional incentives such as power cost reimbursement, investment subsidy under the T-IDEA/T-Price scheme.

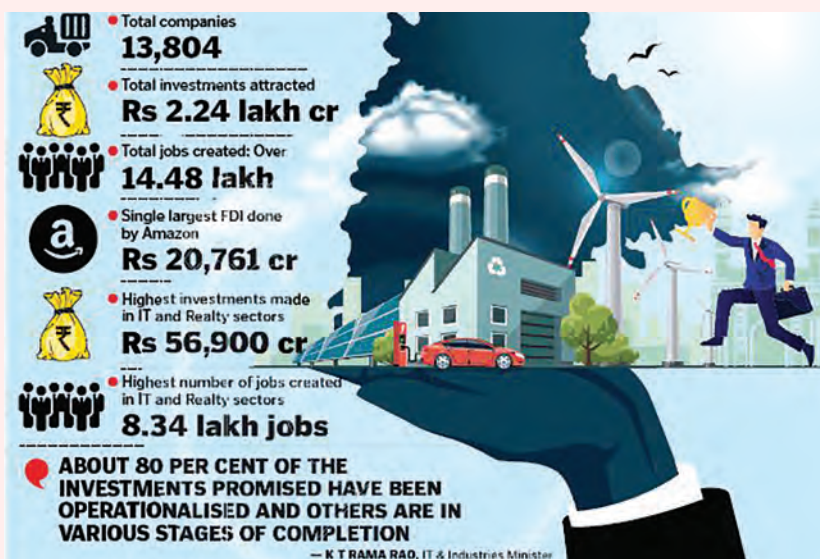
These incentives will be applicable for those industries under Category 1: with 70 per cent semi-skilled local workers and 50 per cent skilled local workers, and under Category II: with 80 per cent local semi-skilled workers and 60 per cent skilled workers.

For industries under Category I, the State government is providing additional power cost reimbursement at `50 per unit for 5 years for all new micro and small enterprises. For medium and large industries, the additional power cost reimbursement has been set at `0.75 per unit for 5 years. For those looking to expand their micro and small enterprises, an additional investment subsidy of 5 per cent of the fixed capital investment will be provided. Apart from that the State government is also providing incentives for skill upgradation, said a government order signed by Industries Principal Secretary Jayesh Ranjan.

## TS-iPASS advantage for industries

Hyderabad : 4th Dec 2020

The Telangana State Industrial Project Approval and Self-Certification System (TSiPASS), the State government's super-quick single window clearance system for industrial clearances, has turned out to be quite the doctor's prescription for a healthy investment flow into the State, having clocked Rs 2.24 lakh crore in the past six years. Not surprisingly, the Information Technology sector takes the pride of place in attracting investments to the State, with the realty sector, playing a complementary role in terms of providing office space, keeping pace with the IT growth.



The two sectors account for about Rs 56,900 crore of the total investments that have flowed into the State till October end. Interestingly, the solar and renewable energy sector is in the second position followed by pharmaceuticals and chemicals industry.

In all, about 13,804 companies have invested about Rs 2.24 lakh crore in Telangana State over the last six years under TS-iPASS. All the companies are expected to create direct employment for more than 14.48 lakh people. Tech giant Amazon's cloud-based service Amazon Web Service is set to make the single largest foreign direct investment (FDI) of Rs 20,761 crore in the State.

The State's investment portfolio covers a wide range of sectors – from IT to pharma, realty to renewable energy, fertilizers to textiles and plastics apart from research and development as well as food processing sectors. "About 80 per cent of the investments promised have been operationalised and others are in various stages of completion," IT and Industries Minister KT Rama Rao announced recently.

Officials said that investment in IT sector alone is estimated to be around Rs 38,000 crore. As a result, IT exports from the State have shot up from Rs 57,000 crore in 2015 to an estimated Rs 1.28 lakh crore during the last fiscal of 2019-20. Meanwhile, the realty sector too has attracted huge investments of over Rs 18,000 crore. Together, about 172 IT and realty companies are investing in the State to create about 8.34 lakh jobs. "Investments of IT and realty sector are clubbed together since major real estate investments are made to provide office space for IT sector," said an official of Telangana State Industrial Infrastructure Corporation (TSIIC).

In solar and renewable energy sector, about 201 companies are investing about 17,944 crore with potential for about 6,697 jobs. The pharma and chemical industry accounts for investments worth Rs 12,028 crore where about 872 companies are being established to provide around 68,682 jobs. However, textiles industry turns out to be the second largest employer with 2.01 lakh jobs next only to IT and realty sectors. About 534 textile companies are investing Rs 3,915 crore. However, the largest number of industrial units were established in engineering sector (2,721), food processing (2,152), cold storage and agro-based industries (1,636), cement and flyash bricks (1,266), and granite and stone crushing industry (1,113). Officials stated that most of these units were micro, small and medium enterprises (MSMEs) having a combined job potential for about 1.6 lakh jobs.



## More benefits for IT firms: KTR

Hyderabad 5th Nov 2020

IT companies setting up offices towards Uppal, Pocharam in the eastern, Kompally in the north and Shamshabad in the southern part of the city will get a slew of benefits including 30 per cent rental rebate for the SMEs. The companies with more than 500 employees in the Growth in Dispersion (GRID) regions will get a custom incentive package under the GRID policy, said IT and Industries Minister KT Rama Rao. "We are doing the ground breaking for the Kompally tower next week. And we already have more than 200 SMEs interested in taking space here. We will also be opening a new cluster in Kollur in the north west part of the city. This is to disperse the IT around the city," he said.

Speaking at an awards function organised by industry body Hysea, he said the State has opened IT towers in Karimnagar and are running to full capacity. There is already demand for phase II. "We are opening towers in Khammam, Nizamabad, and Mahabubnagar later this year. Our IT tower in Warangal is running to full capacity. Cyient has a modern facility there. Tech Mahindra is utilising Government incubation space and will soon expand to their own facility," he said. "Even though the work from home is in vogue now, we believe that campuses and workplaces are there to stay in the long-run," he said while talking about the impact due to Covid.

"Too many things have happened this year and as we speak we do not know who the American President is. The Covid has affected all of us directly and indirectly. Government, individuals, institutions and everybody has been impacted. There are people who have lost their lives, there are people who have lost their livelihoods and there are many instances where the misfortune of millions of people has been highlighted. We all remember the millions of migrant labour walking on the national highways during this year. I can say this has been an emotional year. The State finances have gone dry. There was tremendous pressure on the healthcare systems in the State to tackle the situation," he said.

### Resilient IT

In the midst of all this gloom and pandemic, one industry that is offering hope and the one industry that is doing very well is the IT sector, inspite of the fact that it has to switch gears and adapt to changes, the Minister said. About Rs 100 crore donations have been raised by the IT industry bodies and that was used to procure the Covid testing equipment for the Government hospitals in Telangana. These machines will come to use for the poor people



who visit the Government hospitals, he said adding that several companies also collaborated with the NGOs on the ground for distributing ration and cooked food.

The Software industry of Hyderabad had shown its resilience during the Covid time. There were no major layoffs due to Covid. The Government's Layoff Redressal Committee counselled many companies and employees and ensured that their concerns were addressed during the Covid times, he said. The State Government has created an SME Advisory committee to ensure that a good portion of the Government software work goes to the SMEs. "Several SMEs have been empaneled and they are supporting the Government with the software for the Ease Of Doing Business Application," he said.

### Exports

On State's IT exports, he said they grew at 18% for the last financial year. This is more than double the national average of 8%. "This is an incredible story for us to tell the rest of the world that Hyderabad is the place to come and invest," he said. Real estate consultancy Knight Frank has used the acronym WFH – Work From Hyderabad to demonstrate that Hyderabad is clearly on the growth path. "We have moved from 6th place to 2nd place over the last 6 years in office space consumption. We are happy but not satisfied. We have set our targets at much higher plane," the Minister said.

### Floods

"When we thought the Covid situation is coming to an end, we had the flooding. Hyderabad had seen its highest rainfall in about 120 years. We were not exactly prepared for such a situation. A lot needs to be done holistically, we are on the drawing table on that," he said. Several IT companies have come forward and donated for the flood relief as well. Among others, Infosys has come forward and is taking up several works in Peerzadiguda, near its Pocharam campus. The Government is also working with developers to ensure that the second largest employer, the real estate industry, continues to thrive.

The Minister asked HYSEA to partner with the State's innovation platform T Hub. A lot of companies are engaged with T Hub with the corporate innovation programme but there is a lot HYSEA can do here. It can also partner with TASK and create the necessary skill set required for the industry here.

## Electronics, food processing, textiles sectors to be key for Telangana in next decade: KTR

*Hyderabad: 22nd November 2020*

Over the next 10 years, there is a major potential of attracting investments in the electronics, food processing, textiles and logistics sectors, IT and Industries minister KT Rama Rao said. Rama Rao, who was addressing techies, investors and entrepreneurs in the Brand Hyderabad conference organised by Hyderabad Software Enterprises Association (HYSEA), said that in the next few decades the aim would be to digitise, de-carbonise and de-centralise.

For de-carbonising, he said that the state government has come up with the electronic vehicles policy. "After Covid-19 everyone is more conscious about health, clean city, air quality. And electric vehicles will definitely play a part in it," he said.

In the food processing sector, he reiterated CM K Chandrasekhar Rao's plan of establishing special food processing zone in various districts. "Telangana is surplus in terms of food processing. The State can cater to the needs of other States. We can also start talking about exporting processed foods," he said.

In the logistics sector, Hyderabad's geographical position comes as a great advantage and which will play furthering investments, he added. While talking about the aerospace sector, he pointed out that the cabin for the US President's chopper is made in the Telangana. However, in a lighter tone he asked, "Although I do not know who the current, correct President is -- Biden or TRump?"

As for the city's infrastructure, Rama Rao reiterated the government's plan to decongest the city, and assured action on improving the city's drainage facilities. He admitted that in the past few years, there has been institutional neglect in dealing with encroachments on water bodies and nalas, but promised to turn the situation around in the coming years. Meanwhile, he indirectly criticised the BJP and its state president Bandi Sanjay and urged techies to vote for the Telangana Rashtra Samithi in the upcoming GHMC polls to ensure Hyderabad's development.

## Telangana to focus on food processing: KTR

Hyderabad : 26th Nov 2020

Telangana envisions four revolutions that include green revolution in the form of agriculture, blue revolution with the scope in aquaculture and fisheries, pink revolution with the number of sheep doubling in the State and white revolution by encouraging dairy sector, ultimately opening doors for a larger opportunity in food processing, said Telangana Industries Minister KT Rama Rao.

Speaking at an interactive meeting on 'Transforming Hyderabad into a global city' here, he said food processing is going to be a key sector for the State, which will enhance the exports potential. The proposed Food Processing Policy due to be approved is going to be a major game changer.

Hyderabad which was a major nutraceuticals hub earlier still has a lot of opportunity in this space and needs to be revitalised with focused strategies, he pointed out.

## TS firms to play major role in defence, says Jayesh Ranjan

Hyderabad : 25th Nov 2020

Hyderabad for the last one decade has been developing and serving global markets with defence components, systems and sub-systems. While there are some large companies that have excelled, small and medium companies also need to scale up by developing specialised capabilities, to be ready to grab major opportunities in the defence sector in the coming 3-4 years.

Speaking at the fourth edition of Telangana Defence Conclave organised by CII Telangana, Jayesh Ranjan, principal secretary, Industries, Government of Telangana, said, "To achieve self-reliance, small and medium companies in the defence spectrum should strive for specialisation. It is important to improve the companies in the bottom of the pyramid."

He added, "Industry should look at specialisation by understanding the need gap in aerospace and defence that will help in achieving import substitution. The 800-odd small and medium companies





in the State should invest and use technology that will enhance productivity and quality. CII can evolve a strategy to help the companies in the bottom of the pyramid to excel on all fronts."

Though the Government of India has opted to create defence corridors in the States such as Uttar Pradesh and Tamil Nadu, the evolved aerospace and defence ecosystem in Telangana will certainly make it the national hub with fruitful collaborations among the government, industry and the DRDO. The lion's share of future opportunities in the sector will certainly come to companies here, he added.

Telangana aerospace and defence industry, which has been part of the global supply chain, despite the pandemic-induced crisis, has maintained its global commitments, which shows the ability of the industry. "Safran India CEO has complemented the efforts of Telangana government for easing the operations and logistics in the State even during the pandemic, leaving no room for any roadblocks," Ranjan added.

## Telangana excelling in pharma sector: KTR

Hyderabad : 26th Nov 2020

Pharma hub Hyderabad's life sciences sector currently has a revenue base of \$50 billion, which will be doubled by 2030. Projects such as Hyderabad Pharma City and Genome Valley 2.0 and Medical Devices Park are going to attract investments in future. Medtronics has recently announced a major investment in city while Sahajanand Medical Technologies is going to set up Asia's largest stent manufacturing facility.

Speaking at an interactive meeting on 'Transforming Hyderabad into a global city' here, Telangana Industries Minister K T Rama Rao said, "Hyderabad today accounts for 35 per cent of the country's bulk drugs production. We are also a major vaccines supplier. We will double revenues as well as generate jobs."

### Opportunities in tourism

The tourism sector is a job multiplier and enabler of economic growth. Telangana certainly has opportunities

in adventure tourism, wildlife and religious tourism. The State can even explore bringing sea planes and there are opportunities in water sports as well. Biggest names in tourism will be attracted.

### Women empowerment

Responding to a query on the measures taken by the government on empowering women economically, KTR said, Telangana government has created WE Hub to incubate startups led by women entrepreneurs, dedicated industrial parks for women entrepreneurs. For safety, SHE teams have been created which have played a key role all these years. For women's safety, drone policing will also be explored.

### Music & culture

There are plans to create a culture and theatre district and works could be explored at an opportune time in Ibrahimbad near Taramati Baradari.

### Community healthcare

KTR said that the government is expanding its Basti Dawakhana initiative with a comprehensive approach. So far, 224 centres are opened and this will go up to 1,000 soon. The idea is to have a Dawakhana within the reach of every 10,000 people.

## Innovators, NGOs to discuss product solutions for PwDs in Telangana's Assistive Technology Summit

Hyderabad: 18th November 2020

Telangana State Innovation Cell (TSIC) is organising the first-ever State-led Assistive Technology Summit 2020 on December 3, 2020, which marks the International Day for disabled persons.



The summit will bring together researchers, innovators, investors, social enterprises, NGOs, expert users, and

government organisations from all over the country, to discuss building affordable solutions, easing the access to solutions for Persons with disabilities (PwDs), and collaborations to sustain the ecosystem further.

IT and Industries Principal Secretary Jayesh Ranjan during the poster launch of the summit, said, "In the last few decades, there has been a substantial advancement in technology, and knowledge regarding aids and appliances for the PwDs. Telangana is attempting to motivate innovators to design more such products and solutions for the benefit of PwDs. We hope to showcase the best of the lot in the Assistive Technology Summit."

## Telangana growth-bound, more reforms on cards

Hyderabad : 23rd Nov 2020

The Telangana government has brought in several progressive, positive and development-oriented policies in the last six years and through its single-window system, has provided corruption-free governance and is keen on bringing more reforms, MA&UD Minister KT Rama Rao has said. Speaking at the Telangana Builders Federation (TBF) Annual General Body meeting in Hyderabad, Rama Rao said the government had introduced initiatives such as Dharani and TS-bPASS to streamline registrations and mutations, and to bring systemic institutional changes.

Though the new systems could initially have teething

issues, he promised that the government would soon discuss with builders and all stakeholders to bring out a user-friendly system by sorting out issues the builders might have. In addition to the infrastructure and the economic development, the Minister said the State government had ensured law and order and safety for its people. The government under the leadership of Chief Minister K Chandrashekhar Rao had brought the needed turnaround in the State, bringing improvements in electricity, drinking water, roads and other civic amenities.

### All-round growth

Rama Rao said, "From a power-deficit State, Telangana became power-surplus within just six months of the State formation. It has not only expanded power generation capacity from 7,000 MW to 16,000 MW in six years but also increased its solar portfolio to 4,500 MW in 2020."

The government had invested in waste management and now could manage 6,000 tonnes of waste compared with 3,500 tonnes in 2014. The government was establishing collection and transfer stations across the city, and about 90 such stations were coming up and 50 vehicles deployed, the Minister said.

On the lines of the Strategic Road Development Programme, a Strategic Nala Development Programme was also being taken up. By December, all the review reports for the new GHMC Act would be in place, the Minister said. "We should not take things for granted. We





should remember where we were in 2014 and where we are now. We should not forget the strides we have made despite several obstacles,” he added. He appealed to the builders to participate in the voting process and choose deserving candidates. TBF president C Prabhakara Rao said the federation would back the TRS in the GHMC elections which had brought growth to the city.

## Artificial Intelligence rescues cotton farmers

Hyderabad 3rd Dec 2020

Venkatesh, a cotton farmer from Ranga Reddy District of Telangana, didn't know what pests were infesting his crop not until he caught them in the trap. It was the first time he sprayed anything for these pests. His one-acre plot, which typically yields 10 quintals of cotton, gave out just five in 2019. He wasn't sure what had gone wrong. It is not until a year later when he used Wadhvani Institute for Artificial Intelligence's (Wadhvani AI's) pest management solution did he realise that he had faced an attack by the Pink Bollworm. This season his yield was 13.5 quintals.

Wadhvani AI, an independent not-for-profit research institute focused on developing artificial intelligence (AI)-based applications, is helping thousands of cotton farmers like Venkatesh in Telangana and other States to increase crop yield by early detection of pests and rationalising the pesticide usage.

The organisation has signed an MoU with the Telangana

government, which has declared 2020 as the year of AI and is carrying out pilot studies involving 4,000 farmers in Ranga Reddy District and 3,500 farmers in Adilabad District in collaboration with the agriculture department. A dashboard has been provided to the department to see if the crops have infestation and identify severity. Wadhvani AI lab set up in Mumbai University has been working with various government departments and farmer communities pan-India by addressing major pain points in agriculture besides bringing disruptive use cases in other sectors such as public health, smart cities, financial inclusion and education.

Rajesh Jain, senior director-Programs, Wadhvani AI, said, “We looked at the critical issue of farmer suicides in India and decided to trace a cotton farmer's journey to identify the challenges in increasing crop yield and doubling income for smallholder farmers.” In 2017, cotton farmers in States such as Telangana, Maharashtra, Karnataka and Madhya Pradesh experienced 70 per cent losses, which triggered the need to address problems arising from Pink Bollworm and American Bollworm. The magnitude of the problem was really large. Smartphone-based solution

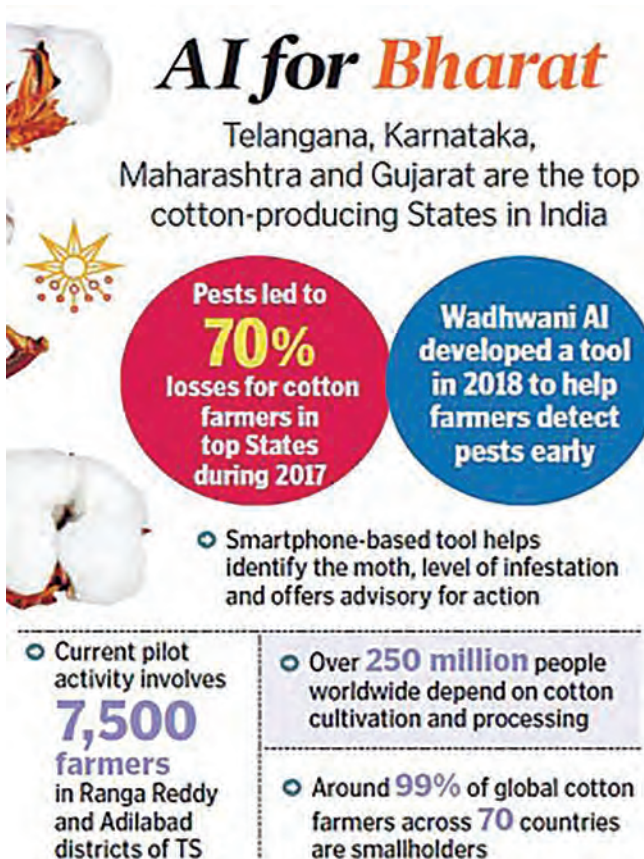
An AI tool has been built which runs on a basic smartphone to classify and count pests based on images taken by farmers and agriculture programme workers. As research showed that all the lead farmers and 70 per cent of farmers have access to smartphones, developing a solution that can be easily accessed through the device, became an obvious choice. Jain added, “We didn't want to reinvent the wheel but wanted to focus on filling the existing gap by mapping the stakeholders' problems and needs. We studied whether AI is the real solution, and is it affordable and scalable.”

### Farmer-friendly initiative

Wadhvani AI has been working with lead farmers in all the major cotton farming States to extend advisory, and







help detect early bollworms in the crop. Farmers using the AI tool take a picture of the moth in the farm, which identifies what the moth is and counts how many moths there are, which further gives advisory based on the moth and count, in the form of a signalling system. 'Green' indicates that there is no vulnerability while 'yellow' indicates caution suggesting moths are visible, and 'red' calling for immediate action.

Having made the tool available in seven Indian languages so far, Wadhvani AI is rolling out an offline app that is voice-based through which a farmer can speak as well as listen to the advisory, aiding those who cannot read or write. This is expected to help the bottom-of-the-pyramid farmers. Pilot studies have shown farmers with red alerts using the advisory have seen 24 per cent economic gain. There are plans to make the app available in Google Play Store in the next 1-2 years. Feature phone users will also get advisory through SMS in future so that more farmers will get benefited.

### Aiming for maximum reach

The research effort of Wadhvani AI won the Google AI Impact Challenge grant in 2019 and has the

potential to develop a template that can be replicated in large-scale agriculture programmes, worldwide. This AI solution can be used to provide millions of farmers with timely, localised advice, reducing crop loss and over-use of pesticides by improving the timing of usage.

Wadhvani AI has partnered with Better Cotton Initiative, IDH Cotton Program, Welspun Foundation, Deshpande Foundation, IGS and others to build and test this solution and is presently being used by over 18,000 farmers across Telangana, Maharashtra and Gujarat.

## Telangana bags 'Agriculture Today' awards

Hyderabad : 8th Dec 2020

Indian Council For Agriculture Research (ICAR) has selected Telangana State for two 'Agriculture Today' awards for its agriculture policy.

Telangana State Seed Certification Authority was adjudged as the best in the country. The Agriculture Policy award was given to Telangana Seeds Corporation Managing Director Keshavulu. These awards were presented at a function held in New Delhi recently. The Chief Minister congratulated Keshavulu for bagging the awards, at Pragathi Bhavan.

## Telangana ensuring quality power supply round-the-clock

Hyderabad.: 28th Nov 2020

There was a time when inverters and generators were almost mandatory in every households and commercial outlets in Hyderabad. The demand was such that companies came up with different models to suit the requirements of domestic and commercial customers. The crisis often saw industry managements staging protests at Indira Park demanding quality and uninterrupted power supply. Unable to ensure quality power supply, power holidays were declared twice in a week.

All that is history now. Inverters and generators are gathering dust at most places and have nearly become obsolete in Hyderabad ever since the TRS government came to power and overhauled the entire power supply

system. In the GHMC limits, there are 51,49,699 consumers i.e. 53 per cent of total consumer base in TSSPDCL. For operational convenience, GHMC is monitored by TSSPDCL through nine circles, 26 divisions, 65 sub-divisions and 189 operational sections.

Power supply to the entire GHMC is fed from 465 33/11KV substations, of which 132 were installed after the formation of Telangana. To maintain uninterrupted and reliable supply, several infrastructure works have been taken up besides focusing on future growth, with an expenditure of Rs 2414.93 crore. Industries Minister KT Rama Rao had repeatedly said at many events that Telangana has come a long way in the power sector. The State, which was once power deficit, is now power surplus. In the past, quality power supply made news but these days power cuts make news, he points out.

### Recent rainfall

During the heavy rainfall in October, the power supply infrastructure in GHMC area was severely affected. The electrical infrastructure damages included 1,299 electric poles (including LT and HT) and 1216 distribution transformers being affected. TSSPDCL has completed the thorough repair work on a war footing across the GHMC area within a week. These works were executed with a total expenditure of Rs 3.4 crore.

Apart from ensuring quality power supply, the State government offered many benefits, especially waiver of surcharges in GHMC area. The waiver of CC Charges and Surcharges in GHMC area in March 2016 is one such initiative. The benefit is extended to consumers of GHMC at an amount of Rs 5,365.65 lakh towards waiver of 100 per cent CC Charges arrears of below 100 units consumers and an amount of Rs 566.48 lakh towards surcharge of consumers whose consumption is above 100 units taking total amount of benefit extended to Rs 5932.13 lakh.

Meanwhile, small scale enterprises welcomed the Chief Minister's move to waive the minimum demand charges. "We thank Chief Minister K Chandrashekhara Rao for his gesture and waiving the minimum demand charges for HT, LT industry, businesses for the pandemic period," K Koteswara Rao, Convenor, Forum for MSME said. "This has been our demand to bail out the commercial sector.

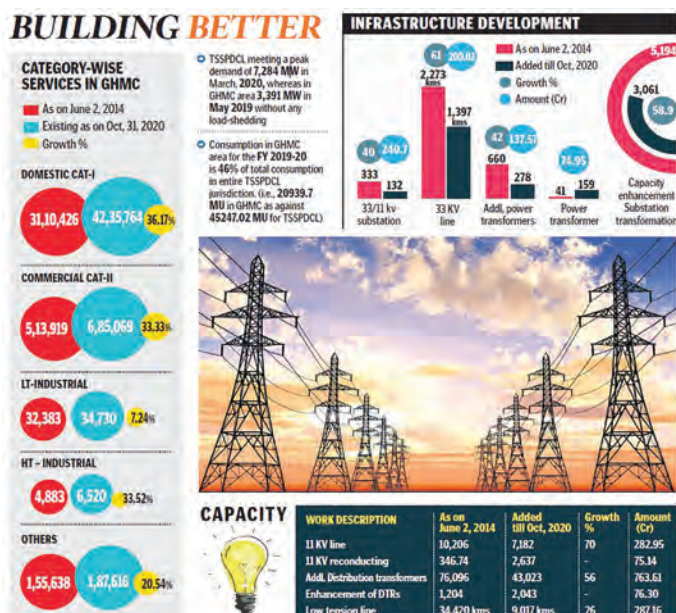
It is indeed laudable to give free power supply to partisan entrepreneurs like barbers and dhobhis. It will go a long way in bettering their living conditions," he added.

## TS Fisheries dept wins recognition for inland fish cultivation

Hyderabad 27th Nov 2020

The State government initiative to release fishlings in the State's water bodies free of cost, a brainchild of Chief Minister K Chandrashekhara Rao to benefit the fishermen community, has won another major recognition from the Union Fisheries Ministry. The Telangana State Fishermen's Cooperative Societies Federation Limited has won the first prize as Best Inland Quasi organisation under Inland category from the Centre on the occasion of World Fisheries Day.

The federation received a memento, a certificate and Rs 5 lakh cash prize from the Union government as part of the award. Chief Secretary Somesh Kumar congratulated the Fisheries department on its achievement and said inland fish cultivation gained huge potential with increased water-spread in the State due to major irrigation schemes like Kaleshwaram Lift Irrigation Scheme and regular availability of water in tanks revived under Mission Kakatiya. He asked the officials to continue with the same spirit in the future endeavours and for effective implementation of government initiatives. Animal Husbandry and Fisheries Secretary Anita Rajendra and other officials





## Online Certificate Course in Export Import Management

5th December, 2020

The Federation of Telangana Chambers of Commerce and Industry (FTCCI) commenced the 3rd batch of Certificate Course in Export Import Management from 5th December, 2020. The program is being organized with the support of Government of Telangana, Telangana State Trade Promotion Corporation Ltd., and Yes Bank Limited. The inaugural session was held on 5th December, 2020.

Mr. K. Bhasker Reddy, Senior Vice President, FTCCI stated that the Export/Import Certificate Course is a specialized program that supports the needs of companies working with clients and suppliers worldwide. The businesses will also be able to take advantage of the many import- export business opportunities for both purchasing and marketing as well as make use of business systems that can help to achieve a maximum advantage in the international market. Learn how to effectively trade worldwide and manage an international business, from negotiating contracts to resolving cross-border disputes.

Mr. Rajendra Agarwal, Chair, International Trade Committee, FTCCI informed that Certificate Course in Import and Export Management encompasses the overall International Business fundamentals and will provide an insight for entering into export/import business. The global market scenario has undergone a drastic change over the years and has opened up new avenues in the export import sector.

Mr. E.V. Narsimha Reddy, Joint Managing Director, Telangana State Trade Promotion Corporation Limited mentioned that Telangana State has the strong exporting sectors of Pharmaceuticals, Bulk Drugs, Chemicals, Granite, Gems and Jewelleries including pearls and diamond, aerospace, defence and automobile components, Software, seeds, meat and spices. The State has plenty of

resources like Agriculture, Horticulture, livestock, Mines and minerals and handicrafts. Telangana State Trade Promotion Corporation (TSTPC) is facilitating all the prospective exporters in respect of new or innovative products and new markets from time to time. This is a good opportunity for the prospective exporters from the state to boost its export performance by strengthening its domestic manufacturing.

He mentioned that TSTPC has been playing proactive role in catalyzing growth of industry, trade, investment and technology transfer by organizing trade promotional activities, creating logistic and trade promotional infrastructure and offer facilities of world standard. He appreciated the initiative of FTCCI and hoped that the course will help all the participants in expanding and starting new ventures and exploring business opportunities more particularly of export and import.

Mr. Sanil Chorinchath, Group Executive Vice President, Yes Bank Limited, Mr. C.V. Anirudh Rao, Co-Chair, International Trade Committee and Ms. Khyati Naravane, CEO of FTCCI also participated and addressed on this occasion.





# Schemes for Food Processing Sector in India

## PMKSY Scheme

Government of India (GOI) has approved a new Central Sector Scheme – Pradhan Mantri Kisan SAMPADA Yojana (Scheme for Agro-Marine Processing and Development of Agro-Processing Clusters) with an allocation of Rs. 6,000 crore for the period 2016-20 coterminous with the 14th Finance Commission cycle. The scheme will be implemented by Ministry of Food Processing Industries (MoFPI). Pradhan Mantri Kisan SAMPADA Yojana:

PM Kisan SAMPADA Yojana is a comprehensive package which will result in creation of modern infrastructure with efficient supply chain management from farm gate to retail outlet. It will not only provide a big boost to the growth of food processing sector in the country but also help in providing better returns to farmers and is a big step towards doubling of farmers income, creating huge employment opportunities especially in the rural areas, reducing wastage of agricultural produce, increasing the processing level and enhancing the export of the processed foods.

The following schemes will be implemented under PM Kisan SAMPADA Yojana :

- I. **Mega Food Parks**
- II. **Integrated Cold Chain and Value Addition Infrastructure**
- III. **Creation/ Expansion of Food Processing/ Preservation Capacities (Unit Scheme)**
- IV. **Infrastructure for Agro-processing Clusters**
- V. **Creation of Backward and Forward Linkages**
- VI. **Food Safety and Quality Assurance Infrastructure**
- VII. **Human Resources and Institutions**
- VIII. **Operation Greens**

### I. Mega Food Park

The Scheme of Mega Food Park aims at providing a mechanism to link agricultural production to the market by bringing together farmers, processors and retailers so as to ensure maximizing value addition,

minimizing wastage, increasing farmers income and creating employment opportunities particularly in rural sector. The Mega Food Park Scheme is based on “Cluster” approach and envisages creation of state of art support infrastructure in a well-defined agri / horticultural zone for setting up of modern food processing units in the industrial plots provided in the park with well-established supply chain. Mega food park typically consist of supply chain infrastructure including collection centers, primary processing centers, central processing centers, cold chain and around 25-30 fully developed plots for entrepreneurs to set up food processing units.

The Mega Food Park project is implemented by a Special Purpose Vehicle (SPV) which is a Body Corporate registered under the Companies Act. State Government, State Government entities and Cooperatives are not required to form a separate SPV for implementation of Mega Food Park project. Subject to fulfillment of the conditions of the Scheme Guidelines, the funds are released to the SPVs.

Proposals for seeking assistance under the scheme are invited through Expression of Interest from time to time.

So far following **21 Mega Food Parks are operational:**

1. Srimi Mega Food Park, Chittoor, Andhra Pradesh
2. Godavari Mega Aqua Park, West Godavari, Andhra Pradesh.
3. North East Mega Food Park, Nalbari, Assam.
4. Gujarat Agro Mega Food Park, Surat, Gujarat.
5. Cremica mega Food park, Una, Himachal Pradesh.
6. Integrated Mega Food Park, Tumkur, Karnataka.
7. Kerala Industrial Infrastructure Development Corporation (KINFRA) Mega Food Park, Palakkad, Kerala.
8. Indus Mega Food Park, Khargaoan, Madhya Pradesh.
9. Avantee Mega Food Park, Dewas, Madhya Pradesh.

Source: [www.mofpi.nic.in](http://www.mofpi.nic.in)

TSTPC Trade Journal

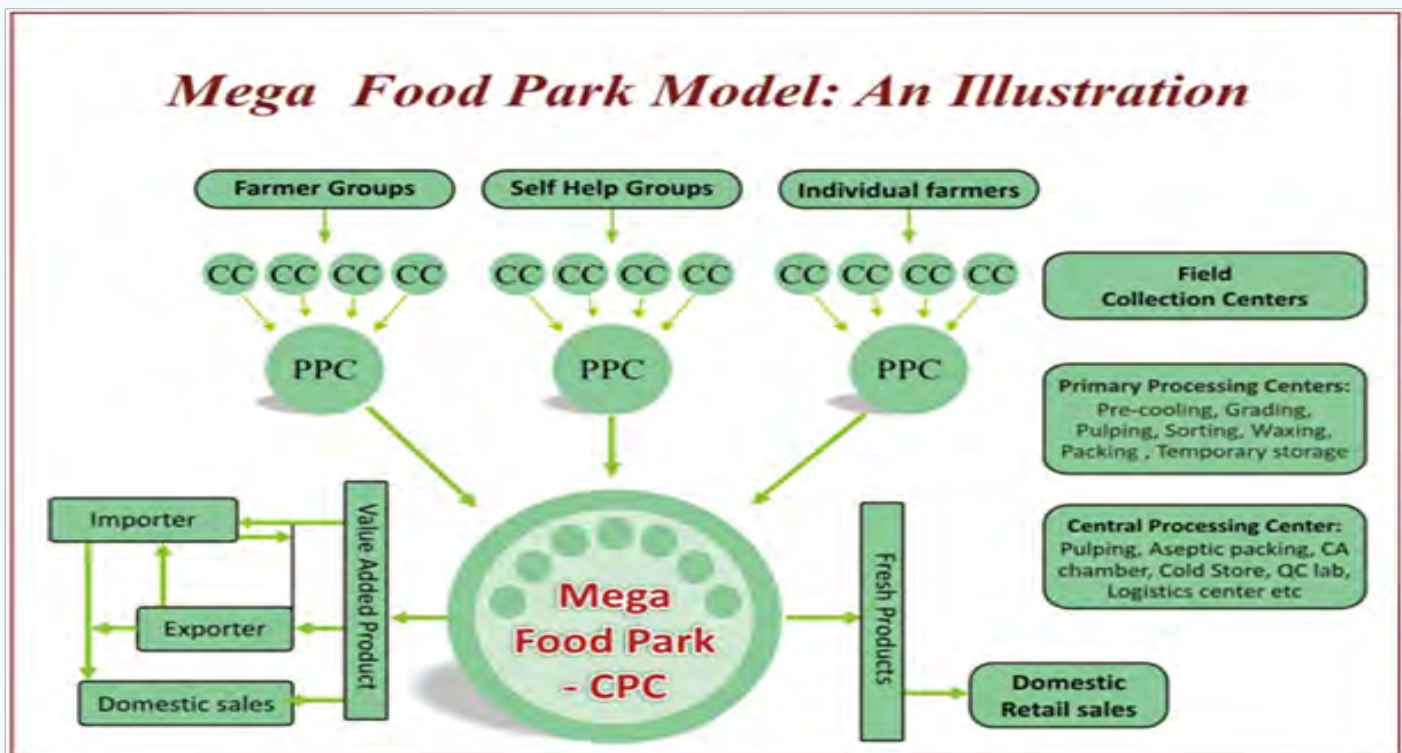
10. Paithan Mega Food Park, Aurangabad, Maharashtra
11. Satara Mega Food Park, Satara, Maharashtra.
12. Zoram Mega Food Park, Kolasib, Mizoram.
13. MITS Mega Food Park, Rayagada, Odisha.
14. International Mega Food Park, Fazilka, Punjab
15. Sukhjit Mega Food Park, Kapurthala, Punjab.
16. Greentech Mega Food park, Ajmer, Rajasthan.
17. Smart Agro Mega Food Park, Nizamabad, Telangana.
18. Tripura Mega Food Park, West Tripura, Tripura.
19. Patanjali Food and Herbal Park, Haridwar, Uttarakhand.
20. Himalayan Mega Food Park, Udham Singh Nagar, Uttarakhand.
21. Jangipur Bengal Mega Food Park, Murshidabad, West Bengal.

### Project Components

- The scheme aims to facilitate the establishment of a strong food processing industry backed by an efficient supply chain, which includes Collection

Centres (CCs), Primary Processing Centers (PPCs), Central Processing Center (CPC) and Cold Chain infrastructure.

- Collection Centers and Primary Processing Centers (PPCs): These components have facilities for cleaning, grading, sorting and packing, dry warehouses, specialized cold stores including pre-cooling chambers, ripening chambers, reefer vans, mobile pre-coolers, mobile collection vans etc.
- Central Processing Centers (CPC): This Includes common facilities like Testing Laboratory, Cleaning, Grading, Sorting and Packing Facilities, Dry Warehouses, specialized storage facilities including Controlled Atmosphere Chambers, Pressure Ventilators, variable Humidity Stores, pre-cooling Chambers, Ripening Chambers, Cold Chain Infrastructure including Reefer Vans, Packaging Unit, Irradiation Facilities, Steam Sterilization Units, Steam Generating Units, Food Incubation cum Development Centers etc.
- The extent of land required for establishing the CPC is around 50- 100 acres, though the actual requirement of land would depend upon the business plan, which may vary from region to region. The land required for setting up of PPCs



and CCs at various locations would be in addition to land required for setting up the CPC.

- It is expected that on an average, each project will have around 25-30 food processing units with a collective investment of Rs.250 crore that would eventually lead to an annual turnover of about Rs.450-500 crore and creation of direct / indirect employment of about 5000 persons. Each MFP on being fully operational will also benefit about 25000 farmers.

### **Pattern of Assistance**

- The Scheme shall provide a capital grant at the rate of 50 percent of the eligible project cost\* in general areas and at the rate of 75 percent of eligible project cost in difficult and hilly areas i.e. North East Region including Sikkim, J&K, Himachal Pradesh, Uttarakhand and ITDP notified areas of the States subject to a maximum of Rs. 50 crore per project.
- The eligible project cost is defined as total project cost but excluding cost of land, pre-operative expenses and margin money for working capital. However, interest during construction (IDC) as part of preoperative expenses and fee to Project management consultant (PMC) up to 2% of the approved grant would be considered under eligible project cost.
- In the interest of expeditious implementation of the projects, a Program Management Agency (PMA) is appointed by the Ministry to provide management, capacity building, coordination and monitoring support. For meeting the cost of the above and also other promotional activities by the Ministry, a separate amount, to the extent of 5% of the overall grants available, is earmarked.

### **Release of Grant**

- The grant-in-aid under the scheme is released in four installments of 30%, 30%, 20% and 20%, subject to other scheme parameters, as per the following schedule:
- First Installment of 30% of total grant under the scheme is released after ensuring expenditure of at least 10% of the eligible project cost on the project components;

- Second installment representing 30% of approved grant assistance is released after proportionate expenditure by SPV from term loan and equity equivalent to the grant amount released as first installment;
- Third installment representing 20% of approved grant assistance is released after proportionate expenditure by SPV from term loan and equity equivalent to the grant amount released as second installment;
- Fourth and final installment representing 20% of approved grant assistance is released subject to successful completion of project and commencement of operations after ensuring expenditure of 100% envisaged contribution of SPV including term loan and equity on the approved project components.

## **II. Cold Chain**

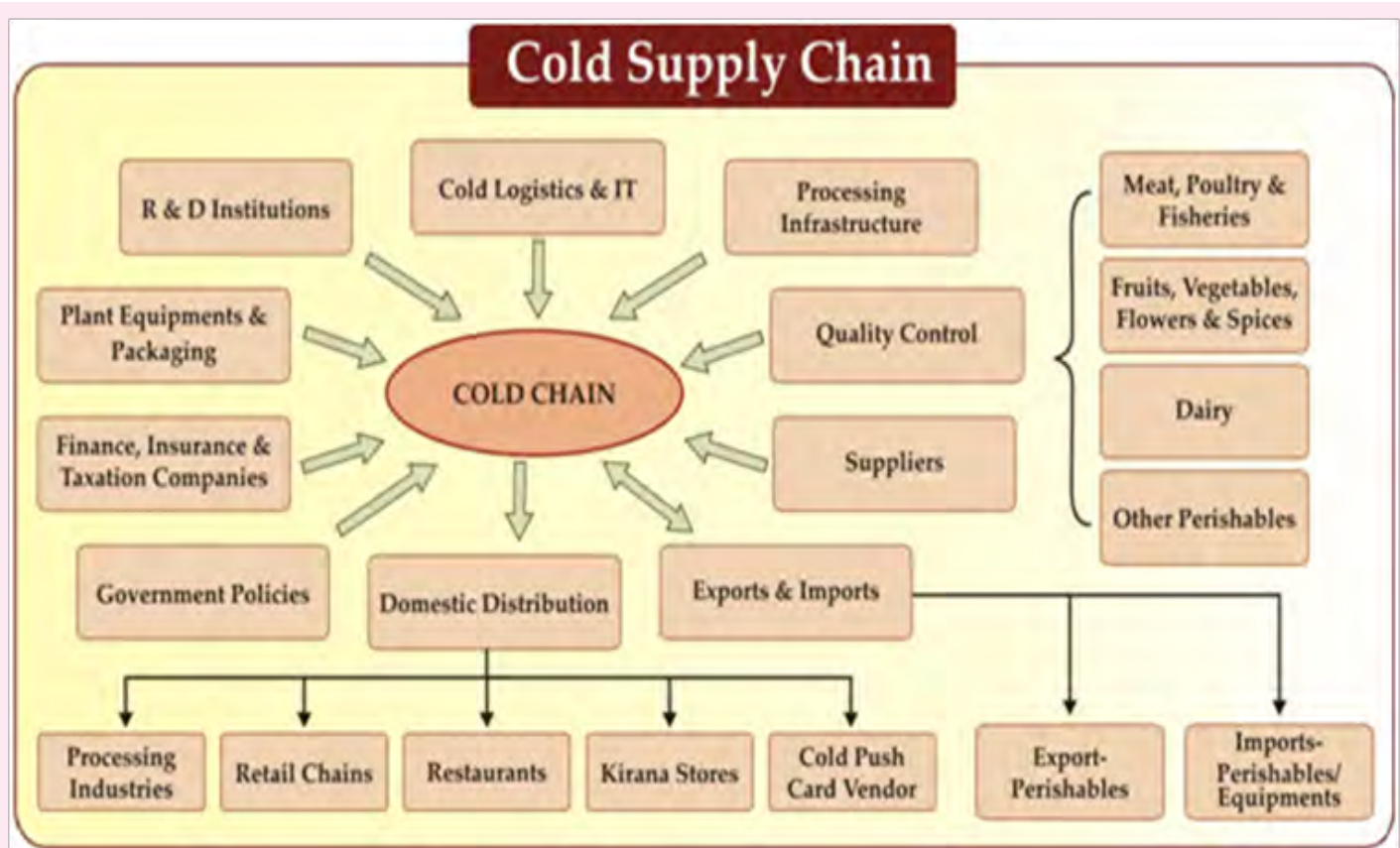
The objective of the Scheme of Cold Chain, Value Addition and Preservation Infrastructure is to provide integrated cold chain and preservation infrastructure facilities, without any break, from the farm gate to the consumer. It covers creation of infrastructure facility along the entire supply chain viz. pre-cooling, weighing, sorting, grading, waxing facilities at farm level, multi product/ multi temperature cold storage, CA storage, packing facility, IQF, blast freezing in the distribution hub and reefer vans, mobile cooling units for facilitating distribution of horticulture, organic produce, marine, dairy, meat and poultry etc. The scheme allows flexibility in project planning with special emphasis on creation of cold chain infrastructure at farm level.

The integrated cold chain project is set up by Partnership / Proprietorship Firms, Companies, Corporations, Cooperatives, Self Help Groups (SHGs), Farmer Producer Organizations (FPOs), NGOs, Central / State PSUs, etc. subject to fulfilment of eligibility conditions of scheme guidelines.

The scheme is under implementation since 2008.

*Source: www.mofpi.nic.in*





### Project Components

The scheme aims to facilitate the establishment of a strong cold chain facility for agricultural, horticultural, dairy, fish & marine, poultry & meat products by establishing linkage from farm gate to the consumer, end to end, to reduce losses through efficient storage, transportation and minimal processing. The different components of the Cold Chain projects are as under:

- Minimal Processing Centre at the farm level and centres is to have facility for weighing, sorting, grading waxing, packing, pre-cooling, Control Atmosphere (CA)/ Modified Atmosphere (MA) cold storage, normal storage and Individual Quick Freezing (IQF).
- Mobile pre-cooling vans and reefer trucks.
- Distribution hubs with multi products and multi Control Atmosphere (CA)/ Modified Atmosphere (MA) chambers/ cold storage/ Variable Humidity Chambers, Packing facility, Cleaning in Process (CIP) Fog treatment, Individual Quick Freezing (IQF) and blast freezing.
- Irradiation facility.
- Pattern of Assistance

### Pattern of Assistance

Financial assistance (grant-in-aid) under the scheme is limited to a maximum of Rs 10 crore per project in relation to technical civil works and eligible plant & machinery subject to the following:

- For storage infrastructure including Pack House and Pre cooling unit, ripening chamber and transport infrastructure, grant-in-aid @ 35% for General Areas and @ 50% for North East States, Himalayan States, ITDP Areas & Islands, of the total cost of plant & machinery and technical civil works will be provided.
- For value addition and processing infrastructure including frozen storage/ deep freezers associated and integral to the processing, grant-in-aid @ 50% for General Areas and @ 75% for North East States, Himalayan States, ITDP Areas & Islands, will be provided.
- For irradiation facilities grant-in-aid will be provided @ 50% for General Areas and @ 75% for North East States, Himalayan States, ITDP Areas & Islands.

Source: [www.mofpi.nic.in](http://www.mofpi.nic.in)

## Release of Grant

The grant-in-aid under the scheme is released in three instalments of 25%, 40% and 35% as per following schedule:

- 1st installment of 25% of the total grant under the scheme is released after ensuring that 25% of the promoter's contribution and 25% of the term loan has been spent on the project;
- 2nd installment of another 40% of the total grant is released after ensuring that utilization of first installment of grant, 65% of promoter's contribution & 65% of term loan;
- 3rd and final installment of remaining 35% of the grant assistance is released after ensuring utilization of the second installment and 100% of promoter's contribution and 100% of term loan.

## III. Creation/ Expansion of Food Processing/ Preservation Capacities (Unit Scheme)

The main objective of the Scheme is creation of processing and preservation capacities and modernisation/ expansion of existing food processing units with a view to increasing the level of processing, value addition leading to reduction of wastage. The processing activities undertaken by the individual units covers a wide range of post-harvest processes resulting in value addition and/or enhancing shelf life with specialized facilities required for preservation of perishables. While expansion of processing capacity is necessary to increase the level of processing and reduce wastage, the induction of modern technology is intended to make a clear difference in terms of process efficiencies as well as improving the quality of the end product. The setting up of new units and modernization/ expansion of existing units are covered under the scheme.

Scheme is implemented through organizations such as Central & State PSUs/ Joint Ventures/ Farmer Producers Organization (FPOs)/ NGOs/ Cooperatives/ SHG's/ Pvt. Ltd companies/ individuals proprietorship firms engaged in establishment/ upgradation/ modernization of food processing units.

Proposals for seeking assistance under the scheme are invited through Expression of Interest from time to

time. To view notice inviting proposals and to submit proposals online.

## Project components

Eligible project components for grant includes the cost of plant & Machinery and Technical civil work. Cost of 'Utilities' essential for the plant i.e. Water pipeline, DG set, Boiler, Solid waste treatment plant, ETP etc. are also considered under eligible project cost subject to restriction of above cost being maximum 25% of the total project cost.

## Pattern of Assistance

The Scheme envisages grants-in-aid @35% of eligible project cost in general areas and @50% of eligible project cost in the North East States including Sikkim and difficult areas namely Himalayan States (i.e. Himachal Pradesh, Jammu & Kashmir and Uttarakhand), State notified ITDP areas & Islands subject to max. of Rs. 5.00 crore per project.

## Release of Grant

Grant is released in two instalments each @50% of grant in the following manner:

- The first installment of grant is released after the firm has utilized 50% of the term loan as well as 50% of promoter's contribution and on production of the required documents.
- The second instalment is released on the commencement of commercial and submission of documents regarding utilization of 1st instalment of grant and 100% of Term Loan as well as 100% of Promoter's contribution.

## IV. Agro Processing Cluster

The scheme aims at development of modern infrastructure and common facilities to encourage group of entrepreneurs to set up food processing units based on cluster approach by linking groups of producers/ farmers to the processors and markets through well-equipped supply chain with modern infrastructure. Each agro processing clusters under the scheme have two basic components i.e. Basic Enabling Infrastructure (roads, water supply, power supply, drainage, ETP etc.), Core Infrastructure/ Common

*Source: www.mofpi.nic.in*

facilities (ware houses, cold storages, IQF, tetra pack, sorting, grading etc) and at least 5 food processing units with a minimum investment of Rs. 25 crore. The units are set up simultaneous along with creation of common infrastructure. At least 10 acres of land is required to be arranged either by purchase or on lease for at least 50 years for setting up of Agro Processing Cluster. To view Indicative list of identified agri-horti production clusters (fruits & vegetables) and visit Geo-Sampada on spread & depth of agri-resources.

Agro processing clusters set up by Project Execution Agency (PEA)/ Organisation such as Govt./ PSUs/ Joint Ventures/ NGOs/ Cooperatives/ SHGs/ FPOs/ Private Sector/ individuals etc. and are eligible for financial assistance subject to terms and conditions under the scheme guidelines.

The Project Execution Agency (PEA) which is responsible for overall implementation of the projects undertakes various activities including formulation of the Detailed Project Report (DPR), procurement/ purchase of land, arranging finance, creating infrastructure, ensuring external infrastructure linkages for the project etc. PEA may sell/ lease plots in agro-processing cluster to other food processing units but the common facilities in the cluster cannot be sold or leased out.

### **Project Components**

**Basic enabling infrastructure:** Includes site development, development of industrial plots, boundary wall, roads, drainage, water supply, electricity supply including power backup, effluent treatment plant, parking bay, weigh bridges, common office space etc.

**Core infrastructure:** Includes food testing laboratory, cleaning, grading, sorting and packing facilities, steam generation boilers, dry warehouse, cold storage, pre-cooling chambers, ripening chambers, IQF, specialized packaging, other common processing facilities, etc.

### **Pattern of Assistance**

- The Scheme envisages grants-in-aid @ 35% of eligible project cost in general areas and @50% of eligible project cost in the North East States including Sikkim and difficult areas namely

Himalayan States (i.e. Himachal Pradesh, Jammu & Kashmir and Uttarakhand), State notified ITDP areas, Islands and SC/ST entrepreneurs subject to max. of Rs. 10.00 crore per project.

- The grants-in-aid is credit linked but not back-ended.

### **Release of Grant**

- First installment of 35% of the total approved grant is released to the PEA after incurring an expenditure of 35% of the bank term loan and 35% promoters contribution/ equity;
- Second installment of 40% of the total approved grant is released after incurring an expenditure of 75% of the bank term loan and 75% of promoters' contribution / equity;
- Third installment of 15% of the approved grant is on 90% completion of the project and submission of requisite documents.
- Fourth / Final installment of 10% of the approved grant is on completion of the project and submission of requisite documents.

### **V. Scheme for Creation of Backward and Forward Linkages**

The objective of the scheme is to provide effective and seamless backward and forward integration for processed food industry by plugging the gaps in supply chain in terms of availability of raw material and linkages with the market. Under the scheme, financial assistance is provided for setting up of primary processing centers/ collection centers at farm gate and modern retail outlets at the front end along with connectivity through insulated/ refrigerated transport.

The Scheme is applicable to perishable horticulture and non-horticulture produce such as fruits, vegetables, dairy products, meat, poultry, fish, Ready to Cook Food Products, Honey, Coconut, Spices, Mushroom, Retails Shops for Perishable Food Products etc. The Scheme would enable linking of farmers to processors and the market for ensuring remunerative prices for agri produce. The scheme is implemented by agencies/

*Source: www.mofpi.nic.in*



organizations such as Govt./ PSUs/ Joint Ventures/ NGOs/ Cooperatives/ SHGs / FPOs / Private Sector / individuals etc.

The Ministry has engaged Technical Agencies(TAs) for assisting farmer/ producer groups including Farmer Producer Companies, Farmer Producer Organization, Self Help Groups to facilitate their participation under the Scheme. The TAs are responsible for preparation of Business Plan, Detail Project Report, Capacity Building, Trainee and other related support services. For Responsibilities of TAs and for contact.

Proposals for seeking assistance under the scheme are invited through Expression of Interest from time to time. To view notice inviting proposals and to submit proposals online.

- For Investors support Click
- Project components

### **Project components**

#### **Backward Linkage:**

- Integrated Pack-house(s) (with mechanized sorting & grading line/ packing line/ waxing line/ staging cold rooms/cold storage, etc.)
- Milk Chilling Centre(s) /Bulk Milk Cooler(s)
- Pre Cooling Unit(s)/ Chillers
- Reefer boats
- Machinery & equipment for minimal processing and/or value addition such as cutting, dicing, slicing, pickling, drying, pulping, canning, waxing, etc.
- Machinery & equipment for packing/ packaging.

#### **Forward Linkage:**

- Retail chain of outlets including facilities such as frozen storage/ deep freezers/ refrigerated display cabinets/cold room/ chillers/ packing/ packaging, etc.
- Distribution center associated with the retail chain of outlets with facilities like cold room/ cold storage/ ripening chamber.

#### **Transport:**

- Refrigerated/ Insulated transport / Reefer Vans in conjunction with backward and forward linkag

- Pattern of Assistance

### **Pattern of Assistance**

The maximum grant extended per project is Rs 5.00 crore @ 35% of the eligible project cost for general areas and @ 50% for North East States, Himalayan States, ITDP Areas and Islands respectively. The grant is provided only in respect of technical civil work and eligible plant & machinery.

### **Release of Grant**

The grant-in-aid under the scheme is released in three installments of 25%, 40% and 35% as per following schedule.

- The first installment of 25% of the approved grant is released after ensuring that 25% of the promoter's contribution and 25% of the term loan is spent on the eligible project cost;
- The second installment of 40% of grant is released after ensuring utilization of first installment of grant released, 65% of promoter's contribution and 65% of term loan;
- The third and final installment of remaining 35% of the approved grant under the scheme is released after ensuring utilization of the second installment, 100% of promoter's contribution and 100% of term loan.

## **VI. Food Safety & Quality Assurance Infrastructure**

Quality and Food Safety have become competitive edge in the global market for food products. For the around development of the food processing sector in the country, various aspect of Total Quality Management (TQM) such as quality control, quality system and quality assurance should operate in a horizontal fashion. Apart from this, in the interest of consumer safety and public health, there is a need to ensure that the quality food products manufactured and sold in the market meet the stringent parameters prescribed by the food safety regulator. Keeping in view the aforesaid objectives, government has been extending financial assistance under the scheme under the following components:

*Source: www.mofpi.nic.in*

- Setting Up/Up-gradation of Quality Control/Food Testing Laboratories

### **Setting Up/Up-gradation of Quality Control/Food Testing Laboratories**

In the interest of consumer safety and public health, there is a need for testing food products in order to ensure that it complies with domestic standards as well as international standards for exports. There is also a need for testing of all imported food products to ensure that they are of the requisite standard and food products not permitted for manufacture domestically are not allowed to come in from foreign markets. Apart from this, the level of contaminants, additives, and pesticide residues in food items is required to be monitored regularly. Therefore, a network of food testing and analysis laboratories is required to support the surveillance system of food regulator, timely analysis of samples and ensure compliance of international and domestic standards on food in case of exports as well as imports.

Under the scheme, Central/ State Government and their organizations/ Government universities (including deemed universities) and all other implementing agencies/private sector organizations/universities (including deemed universities) are eligible to receive financial assistance for setting up of food testing laboratories.

### **List of Assisted Project under FTL.**

#### **Pattern of Assistance**

- Central/State Government and its organizations /universities (including Govt. owned deemed universities) are eligible for grant-in-aid of entire cost of laboratory equipment and 25% of the cost of technical civil work to house the equipment and furniture and fixtures associated with the equipment for general areas and 33% for difficult areas. In addition, they are also eligible for 80% of the monthly emoluments of two technical staff for two years from the date of completion of the laboratory.
- All other implementing agencies/private sector organizations/ universities including deemed universities will be eligible for grant-in-aid of

50% of cost of laboratory equipment and 25% of the cost of technical civil work to house the Equipment and furniture and fixtures associated with the equipment for general areas and 70% of cost of lab equipment and 33% of technical civil work and furniture and fixtures for difficult areas.

- When the Ministry establishes / sponsors such food testing laboratories, there would be no ceiling to financial assistance and the amount to be approved will be decided on case to case basis with the approval of Competent Authority.

#### **Implementation procedure**

- i. All the proposals received for financial assistance are placed before Techno Scrutiny Committee (TSC) constituted by MOFPI for examining such proposals from technical angle. Applicant organizations will make presentations before TSC. The organizations will have to furnish formation/documents as sought by TSC.
- ii. There after, the proposals recommended by TSC from technical angle and complete in all respects are placed before Project Approval Committee (PAC) for consideration and approval.

#### **Pattern of Release of Funds**

- (1) Central/State Government and its organizations /universities (including Govt. owned deemed universities)
  - 1st installment of 40% of the total grant is released after receiving requisite documents prescribed under the scheme.
  - 2nd installment of 40% of the total grant is released after ensuring full utilization of 1st installment of grant towards purchase of lab equipment, expenditure on Technical Civil Work (TCW) and fixing of Furniture & Fixtures for housing the equipment.
  - 3rd installment of 20% of the total grant is released after ensuring full utilization of 2nd installment of grant towards purchase of lab equipment, completion of Technical Civil Works (TCW) and fixing of Furniture & Fixtures for housing the equipment.

*Source: www.mofpi.nic.in*



- 4th and final installment comprising the emoluments at the rate of 80 percent for the two technical staff for 2 years is released after all the PAC approved equipment are purchased, installed and on submission of the utilization certificate for 3rd installment along with the status of NABL accreditation.

(2) All other implementing agencies/ private sector organizations/ universities including deemed universities

- 1st installment of 40% of the total grant is released after ensuring that 40% of the promoter's contribution and 40% of the term loan has been spent on the project.
- 2nd installment of another 40% of the total grant is released after ensuring utilization of first installment of grant and utilization of 80% of promoter's contribution and 80% of term loan.
- 3rd and final installment of remaining 20% of the is released after ensuring utilization of the second installment and utilization of 100% of promoter's contribution and 100% of term loan.
- HACCP/ ISO Standards/Food Safety/Quality Management Systems

### **HACCP/ ISO Standards/Food Safety/Quality Management Systems**

HACCP, ISO Standards are necessary condition for improving the overall quality of food safety & hygiene in the country and also to increase India's share in global food trade. The main objective of the scheme is to motivate the food processing industry for adoption of food safety and quality assurance mechanisms such as TQM including ISO 9000, ISO 22000, HACCP, GMP, GHP. This will enable adherence food processors to the stringent quality and hygiene norms thereby protecting the health of consumers, enhance product acceptance by buyers, both domestic & overseas and keep Indian industry technologically abreast of international best practices.

Central/ State Government Organization, IITs, Universities and private sector in the field of food processing sector are eligible for assistance under the

scheme for implementation of HACCP/ ISO Standards / Food safety/ Quality Safety Management Systems.

Grant-in-aid is given in the form of re-imbursement of expenditure towards implementation of HACCP/ ISO Standards/ Food safety/ Quality Management Systems @ 50% in general area and @ 75% in NE Region and difficult areas of eligible project cost subject to maximum of Rs. 17 lakh and 22 lakh respectively. With a view to clear the pending proposals, the Ministry has not been accepting fresh application as a temporary measure.

### **HACCP Projects assisted by Ministry of Food Processing Industries.**

Quality Council of India has launched two Certification schemes namely "IndiaGHP" and "IndiaHACCP" based on globally accepted Codex Standards for adoption by food manufacturers and supply chain operators. These schemes will help India food chain related industry to demonstrate compliance to global standards without having to go for costly and time consuming foreign certifications as many countries have mandated Haxaed Analysis Critical Control Point (HACCP) for high risk sectors like meat, fish, dairy etc. and most developed countries have also mandated Good Hygienic Practices(GHP) across all food sectors. The details of the schemes are available on QCI website.

## **VII. Human Resources and Institutions**

### **Research & Development**

- Under the scheme, the Ministry of Food Processing Industries has been extending financial assistance to undertake demand driven R&D work for the benefit food processing industry in terms of product and process development, efficient technologies, improved packaging, value addition etc. with commercial value along with standardization of various factors viz. additives, colouring agents, preservatives, pesticide residues, chemical contaminants, microbiological contaminants and naturally occurring toxic substances within permissible limits.

*Source: www.mofpi.nic.in*

## Pattern of Assistance

### i. For the Government organizations/ universities/institutions:

Grant-in-aid is given for 100% of cost of equipment, consumables and expenditure related to salaries for project staff specific to the project for maximum period of three years. Grant is released in three instalments.

### ii. Funding pattern for Private organizations / universities / institutions:

Grant-in-aid is given to the tune of 50% of equipment cost only in general areas and 70% in North East States and difficult areas. Grant is released in three instalments.

### iii. Ministry's sponsored projects:

100% Grant is provided only to public funded organizations of repute for cutting edge areas of research leading to development of innovative products, processes, manufacturing practices and technology.

## Eligibility Criteria

- All Universities, IITs, Central/State Government Institutions, Government funded Organizations, R&D laboratories and CSIR recognized R&D units in private sector.

## Promotional Activities

### Objectives of the scheme:

To organize, co-sponsor, participate in all India level seminars, workshops, fairs and exhibitions for food processing sector to encourage investment in food processing and to create awareness of the schemes being implemented by the ministry. To commission studies/ surveys to assess, evaluate various aspects of food processing sectors and allied activities. To create awareness about schemes of the ministry through print/ audio-visual media through advertisements and publicity materials. To organize road shows, development of software and investor facilitation activities to promote food processing sector.

## Implementing Agency

- All India level seminars, workshops, fairs and exhibitions are implemented through apex industrial and trade bodies/ associations. Some events sponsored/ co-sponsored by the Ministry or where Ministry is participating directly, in India or abroad, are implemented through any designated apex agency or through its Institutes.
- Studies/ surveys are commissioned by the Ministry, directly or through its organizations and boards or through selection of agency, after following due procedure.

## Pattern of Assistance

- For organizing all India level seminars, workshops, fairs and exhibitions for food processing sector, grant in aid is extended @ 50% of the cost of the event or maximum Rs. 5 lakhs. In case, the event is sponsored/ co-sponsored by the Ministry or where Ministry is participating directly through any designated apex agency or through its Institutes in domestic/ international events, this limit would not apply.
- Under the scheme component of Studies/ Surveys, the grant in aid shall be decided on merits of the proposal and nature of work to be executed or through bid process wherever applicable.
- Under the scheme component of Advertisement & Publicity, financial assistance will be provided on actual cost basis. The cost would be determined by following due procedure.

## Skill Development

### Objectives of the scheme: The objectives of the scheme are as follows:

- To provide sector specific skilled workforce from floor level workers, operators, packaging and assembly line workers to quality control supervisor etc in the various segments of food processing industries.
- To contribute towards achieving the projected skilled human resources requirement as envisaged by National Skill Development Corporation

Source: [www.mofpi.nic.in](http://www.mofpi.nic.in)

(NSDC) in food processing sector i.e 17.8 million persons by the year 2022.

Apart from implementation of the Skill component under PMKSY, a number of initiatives have been taken by GOI to address the skill gap in the food processing sector. The Ministry of Food Processing Industries is working in close collaboration with other related agencies to augment skilled manpower in the food processing sector. The Ministry is collaborating with the Food Industry Capacity and Skill Initiative (FICSI), the sector Skill Council (SSC) in food processing, for the validation of the Qualification Packs (QPs) for identified job roles and developing course curriculum for food processing sector through the National Institute of Food Technology Entrepreneurship and Management (NIFTEM).

### **Components**

- Development of Course Curriculum / Training Module in English, Hindi and translation of the same in recognized regional languages based on the QPs validated by NSDC as National Occupational Standards.
- Establishing Training Center (TC) / Expansion of Existing Training Center to impart skill / training on various job roles in food processing.

### **Pattern of Assistance**

- Development of Course Curriculum / Training Module in English, Hindi and translation of the same in recognized regional languages based on the Qualification Packs (QP) validated by National Skill Development Corporation (NSDC) as National Occupational Standards:
- Grants-In Aid would be provided to the eligible Institutions upto a maximum of Rs. 5.00 lakh per QP for development of training module both in print and Multimedia for each job role and a maximum of Rs. 0.50 lakh per QP would be provided for the translation of already developed training modules in recognized regional Language as per 8th schedule both in print and Multimedia for each job role. Grant is disbursed on reimbursement basis after the training modules are

developed / translated and further validated by the NSDC / FICSI.

### **Assistance for creation of infrastructure facilities for Skill Training Centers:**

- Grants-In-Aid is provided at the rate of 50% of cost of plant & machineries required for a National Skill Qualifications Framework (NSQF) validated training module subject to maximum of Rs. 15 lakh per training module and limited to maximum two training modules per TC.

### **Strengthening of Institutions**

#### **(a) National Institute of Food Technology, Entrepreneurship and Management (NIFTEM) :**

The Ministry has established the NIFTEM at Kundli, District Sonapat, Haryana in May, 2012. NIFTEM has been declared a Deemed University under de novo category. NIFTEM is running the B. Tech., M. Tech. & Ph.D courses and undertakes R&D projects in the area of food technology. Under the scheme, funds will be provided to NIFTEM for creation of academic and administrative infrastructure like foreign student's hostel, sports facilities, hazardous chemical storage, effluent treatment plant, solid waste management system, residential units etc. Funds will also be provided to promote research activities, expand Village Adoption Program (VAP) and skill development in the food processing sector. An allocation of Rs. 100 crore has been made during the period of scheme.

#### **(b) Indian Institute of Food Processing Technology (IIFPT):**

The Ministry has upgraded IIFPT, Thanjavur, Tamil Nadu to a National level institute in February, 2008. IIFPT is running the B. Tech., M. Tech. & Ph.D courses and undertaking R&D projects in the area of food processing. Under the scheme, funds will be provided to IIFPT for creation of infrastructure facilities including purchase of additional land (22.7 acres) for expanding campus and creation of academic and administrative infrastructure like machine fabrication and testing centre, sport complex, auditorium, opening training cum incubation centres and residential units

*Source: www.mofpi.nic.in*



etc. To enable the institute to expand its activities and programmes to meet the ever expanding need of food processing sector in the country, an allocation of Rs. 75 crore has been made during the period of scheme.

## VIII. Operation Greens

In the budget speech of Union Budget 2018-19, a new Scheme “Operation Greens” was announced on the line of “Operation Flood”, with an outlay of Rs.500 crore to promote Farmer Producers Organizations (FPOs #), agri-logistics, processing facilities and professional management. Accordingly, the Ministry has formulated a scheme for integrated development of Tomato, Onion and Potato (TOP) value chain.

### Objectives:

- i. Enhancing value realisation of TOP farmers by targeted interventions to strengthen TOP production clusters and their FPOs, and linking/connecting them with the market.
- ii. Price stabilisation for producers and consumers by proper production planning in the TOP clusters and introduction of dual use varieties.
- iii. Reduction in post-harvest losses by creation of farm gate infrastructure, development of suitable agro-logistics, creation of appropriate storage capacity linking consumption centres.
- iv. Increase in food processing capacities and value addition in TOP value chain with firm linkages with production clusters.
- v. Setting up of a market intelligence network to collect and collate real time data on demand and supply and price of TOP crops.

### Strategies:

The scheme will have two-pronged strategy of Price stabilisation measures (for short term) and Integrated value chain development projects (for long term).

#### (I) Short term Price Stabilisation Measures

NAFED will be the Nodal Agency to implement price stabilisation measures. MoFPI will provide 50% of the subsidy on the following two components:

- i. Transportation of Tomato Onion Potato(TOP)

Crops from production to storage;

- ii. Hiring of appropriate storage facilities for TOP Crops;

#### Market Intelligence and Early Warning System

MIEWS Dashboard and Portal is a platform for monitoring prices of tomato, onion and potato (TOP) and for generating alerts for intervention under the terms of the Operation Greens scheme. The portal would disseminate all relevant information related to TOP crops such as Prices and Arrivals, Area, Yield and Production, Imports and Exports, Crop Calendars, Crop Agronomy, etc in an easy to use visual format..

#### (II) Long Term Integrated value chain development projects

- i. Formation and Capacity Building of FPOs
- ii. Quality Production
- iii. Post-harvest processing facilities - At Farm Level
- iv. Post-harvest processing facilities - At Main Processing Site
- v. Agri-Logistics
- vi. Marketing/Consumption Points

Proposals for seeking assistance under the scheme are invited . To view notice inviting proposals. The applicant fulfilling the eligibility criteria under the scheme is required to submit the online application on SAMPADA portal of the ministry.

#### Project components

##### I. Price Stabilisation Measures

- i. MoFPI will provide 50% of the subsidy through NAFED to empaneled agencies for evacuation of TOP crops from production surplus areas when price falls below three-years average market price at the time of harvest, for the following two components:
  - a) Transportation of TOP Crops from production to storage;
  - b) Hiring of appropriate storage facilities for TOP Crops;

Source: [www.mofpi.nic.in](http://www.mofpi.nic.in)

## II. Integrated Value Chain Development Projects

### A. Capacity Building of FPOs & their consortium

- i. Formation of New FPOs in the clusters selected for TOP;
- ii. Promotional Activities, Training/Workshop of Farmers and FPOs;
- iii. Professional Management Support to FPOs & Federation;

### B. Quality production

- i. Provision for quality inputs such as seeds;
- i. Setting up of Nursery and greenhouses;
- ii. Setting up of protected cultivation;
- iii. Mechanisation of farm practices;
- iv. Promote Contract farming;
- v. Varietal change based on market;

### C. Post-harvest processing facilities

- i. Appropriate storage at Farm level;
- ii. Collection centre (CC)/Pack house;
- iii. Primary processing such as sorting, grading and packaging facilities;
- iv. Secondary processing – any mechanised and mobile processing facilities;
- v. Appropriate transportation infrastructure;

### D. Agri-Logistics

- i. Integrated multi-mode appropriate transportation;
- ii. Controlled temperature/ Ventilated trucks with or without raking;
- iii. Crates, rakes etc;
- iv. Medium/large scale storage at regional, state and national level;

### E. Marketing / Consumption Points

- i. Appropriate storage facilities at aggregation/ market level;
- ii. Sorting, grading and packaging facilities;

- iii. Setting-up of retail outlets;
- iv. Setting-up of marketing yards at the cluster level;
- v. Creation of e-market;

Any other components/innovative intervention required to achieve the objective of the scheme for implementation of the project, but not covered above, may also be considered as eligible components by the sanctioning authority based on the merit of the case.

### Pattern of Assistance

#### I. For Price Stabilisation Measures

50% of cost of transportation and 50% of cost of hiring appropriate storage facilities will be provided as subsidy at the time of harvest. Storage facilities will be hired for a maximum period of 4 to 6 months. NAFED will be nodal agency for disbursement of subsidy under this component to the eligible organization.

#### II. For Integrated value chain development projects

Since the scheme envisage integrated development of TOP value chain, it should preferably have all the components listed above from A to E (Para 4.2) under Integrated value chain development project. The Post-harvest processing facilities including secondary processing facilities will be mandatory components of the Integrated value chain development project. The projects will be eligible for grant-in-aid at the rate of 50% of the eligible project cost in all areas, subject to maximum Rs. 50 crore per project. However, in case where PIA is/are FPO(s), the grant-in-aid will be at the rate of 70% of the eligible project cost in all areas, subject to maximum Rs. 50 crore per project.

Source: [www.mofpi.nic.in](http://www.mofpi.nic.in)

## Food Testing Laboratories in Telangana eEstablished with Assistance of MoFPI and NABL / FSSAI Notification Status

*Completed Projects till 02.11.2018*

S.No.	Name of the Laboratory	Grant Approved (Rs. in lakh)	Total Grant Released (Rs. in lakh)	Date of final installment released	NABL Accreditation Status		FSSAI Notification Status
					Biological (valid up to)	Chemical (valid up to)	
1	Prof. Jaishankar Telengana State Agicultural University (Formerly:Acharya N.G. Ranga Agricultural University) Rajendra Nagar Road, Rajendra Nagar, Hyderabad, Andhra Pradesh-500030 Phone: 040 2401 5035 Web: www.angrau.net	170.389	170.389	25.09.07	NA	13.10.17	NO
2	A.P. State Agro Industries Development Corp. Ltd, 504, Hermitage Office Complex, Hill Fort Road, Hyderabad Phone – (040)-23391331, 23314246 Web: www. apagros.org	180.00	180.00	25.09.07	04.09.14	04.09.14	NO
3	Sipra labs Pvt. Ltd. 7-2- 1813/5/A, Adj. to Post Office, Industrial Estate, Sanathnagar Hyderabad – 500 018 Phone – 91-40 23802000 Fax – 91-40 23802005 Web: www.sipralabs.com	319.69	319.69	02.12.10	10.02.16		NO

Source: [www.mofpi.nic.in](http://www.mofpi.nic.in)



## Consolidated list of Approved Cold Chain Projects in Telangana as on 30.11.2020

S. No	Project	Sector	District	Project cost (₹ in crore)	Approved amount of grant-in-aid (₹ in crore)	Amount of grant released (₹ in crore)	Physical Progress
Telangana Total 12, completed 5, ongoing 7							
1	Creamline Dairy Products Ltd.	Dairy	Hyderabad	23.86	9.75	9.75	Commercial production started
2	Dodla Dairy Ltd.	Dairy	Rangareddy	32.00	6.00	4.08	Commercial production started
3	Prasad Seeds Pvt. Ltd.	F&V	Medak	30.82	9.72	9.72	Commercial production started
4	Gubba Cold Private Limited	F&V	Rangareddy	24.99	8.87	5.77	65% progress
5	Prima Foodtech Private Limited	F&V	Medak	29.37	6.95	6.95	Commercial production started
6	Srinivasa Farms Pvt. Ltd.	Poultry	Medak	34.99	5.24	5.24	Commercial production started
7	Chandana Milk Products	Dairy	Vikarabad	28.96	10.00	2.50	Reported 65% progress
8	Karimnagar Milk Producer Company Ltd	Dairy	Karimnagar	63.06	10.00	2.50	Reported 65% progress
9	Vallhabha Milk Products Pvt Ltd	Dairy	Yadadri Bhavanagiri	31.94	7.88	1.67	Reported 65% progress
10	Simply Fresh Private Limited	F&V	Siddipet	30.94	6.62		Reported 25% progress
11	Sneha Farms Private Limited	Meat & Poultry	Mehboobnagar	64.09	10.00		Reported 25% progress
12	EM Global LLP	F&V	Rangareddy	26.71	5.86		Under Implementation
			Total	421.73	96.89	48.18	

Source: [www.mofpi.nic.in](http://www.mofpi.nic.in)

## List of the empaneled Project Management Consultants (PMC) for Mega Food Parks Scheme

as on 09.05.2018

Sl. No.	Name and Address of PMC	Contact Person	Contact Details and Email
1	M/s IL&FS Cluster Development Initiative Limited, NTBCL Building, Toll Plaza, DND Flyway, Noida-201301, Uttar Pradesh	Shri. Ravi Ranjan Mishra, Vice President	Phone: 0120-2459200, Fax: 0120-2459201 Email: ravi.mishra@ilfsindia.com
2	M/s Wtadia Techno-Engineering Services Ltd., Raheja Point I, Wing 'A', Pt. Jawaharlal Nehru Road, Vakola, Santacruz (E), Mumbai-400055	Shri Biswajit Guha	Phone: 022-673394400 22-6702 1380 Email: bd@wadiaengg.com
3	M/s Grant Thornton India LLP 21st Floor, DLF Square, Jacaranda Marg, DLF phase-II, Gurgaon- 122002, Haryana	Shri Kunal Sood, Partner	Phone: 0124-4628000 Mob.- 9971199600 Email: kunal.sood@in.gt.com
4	M/s Technopak Advisors Pvt. Ltd., 4th Floor, Tower A, DLF Building 8, DLF cyber city, Phase-II, Gurgaon -122002, India	Shri Anupam Bajpai, AVP	Phone: 0124-4541111 Fax: 0124-4541198, 4541199, Mob.- 9650406699, Email: anupam.bajpai@technopak.com, info@technopak.com
5	M/s Darashaw & Company Pvt Ltd, 6th Floor, Express Building, 14th 'E' Road, Near Government Law College, Churchgate (West) , Mumbai400020	Shri Pradeep Kumar Vice President	Tel No- 022-43022300; 02243022366 +91 95995 57277 Email: pradeepkumar@darashaw.com
6	M/s Global AgriSystem Pvt. Ltd., J-10, Green Park Main, New Delhi- 110016, India.	Shri Gokul Patnaik, Chairman	Tel: 011-46360010, +91 98100 63433 Email: gpatnaik@globalagri.com
7	M/s NABARD Consultancy Services Private Limited Zonal Office- NABARD Tower, 24 Rajendra Place, New Delhi- 110125	Shri Krishan Jindal, CEO	022-26530037, Mob. 09167911495, 08108599440 Email: zodelhi@nabcons.in, headoffice@nabcons.in

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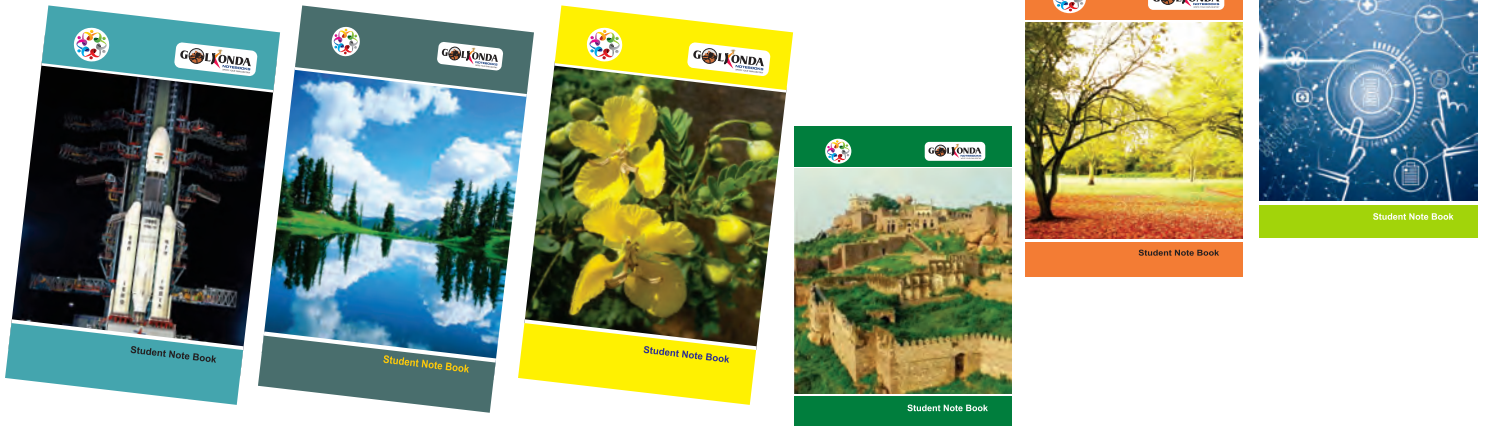
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