



TS-INDUSTRY WATCH

A Newsletter by Industries & Commerce Department,
Government of Telangana



Shri K. Chandrashekar Rao
Hon'ble Chief Minister



Shri K T Rama Rao
Hon'ble Industries Minister



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FROM PRINCIPAL SECRETARY'S DESK



Mr. Jayesh Ranjan, IAS
Principal Secretary, ITE&C & Industries Dept.,
Government of Telangana

As you all know, Hyderabad has traditionally been the Defence hub of India with over a dozen large DRDO labs and home to several DPSUs. We also have a robust private sector Defence industry comprising of about 25 large companies and over 1000 MSMEs catering to Defence and Aerospace sector. This year we hosted the WINGS India 2020 event in Hyderabad, where for the second consecutive year, Telangana state won the Best State Award in Aerospace Sector.

Besides, we also successfully completed the 17th edition of our signature Lifesciences and Pharma event, Bioasia.

I am also happy to inform you that Telangana Government's initiative RICH has received formal approval from the Office of Principal Scientific Advisor (PSA) to the Government of India (GoI) for the formation of Hyderabad City Knowledge and Innovation Cluster. Through this initiative, the RICH model will be replicated across various cities in the country.

With the current health situation across the globe, I request you all to support and follow Government directions and implement adequate hygiene measures in your personal and professional capacities.

WINGS INDIA 2020 AND GLOBAL AVIATION SUMMIT

WINGS 2020, the flagship biennial Airshow and Global Aviation Summit organised by Ministry of Civil Aviation, Government of India and FICCI were hosted by Govt. of Telangana at Begumpet Airport from 12-15th March. The event was inaugurated by Hon'ble Minister for Industries, IT and MA&UD, Shri KT Rama Rao. Other key officials who participated in the event were Shri Hardeep Singh Puri, Hon'ble Union Minister of Civil Aviation (MoCA), Shri Arvind Singh, Chairman, Airports Authority of India, Shri Pradeep Singh Kharola, Secretary, MoCA and Smt Usha Padhee, Joint Secretary, MoCA and Shri Jayesh Ranjan Principal Secretary- I&C Dept., Govt. of Telangana.



Over 100 exhibitors and several hundreds of business delegates took part in Wings India. Leading global Aviation and Aerospace companies had their stalls, and their leadership took part in the seminars, conferences and round tables. Government of Telangana won the Best State Award consecutively for the second time for being the State with the "Most Dedicated outlook for Aerospace Sector". GMR Hyderabad International Airport won the Award for Aviation sustainability.

There were panel discussions led by industry leaders and sector experts on the themes of Capacity Building in Airports and Airlines, Aviation Financing and Leasing and Aviation Safety, Security and Operations. Roundtables were organised on Startups, Tourism, Aviation and

Changing landscape of Aerospace and MRO. The CEO conclave led by Hon'ble Civil Aviation Minister Shri Hardeep Singh Puri and Hon'ble Minister Shri KT Rama Rao had participation from CEOs of leading Airlines, Airports, Aerospace companies, Emerging technology companies and allied services.

Government of Telangana had a State Stall by TSIC which highlighted the State policies and various Aerospace parks in Telangana. Other State agencies such as T-works, Telangana Aviation Academy, T-hub and TASK also highlighted the support they extend to Aviation and Aerospace sector in the State. T- Works displayed their 3D printed drones. Emerging Technologies team had organised a conference on "Medicine from Sky" a joint initiative with World Economic Forum and also coordinated a live flight demonstration for the usage of drones for medicine/ organ transport.

Government of Telangana entered into an MoU with Airbus Bizlabs and GMR Hyderabad International Airport for working towards implementing artificial intelligence-enabled sustainable solutions in the Airport. Government of Telangana also entered into another MoU with DJI for creating a drone ecosystem in Telangana. Key attractions for the Air show this time were vibrant aerobatic displays from the UK based Mark Jeffery team and Sarang Helicopters besides the static display of about 20 aircrafts.

Due to the prevailing Public health situation, WINGS was a business-only event this time, and adequate measures were taken by the organisers and State departments to ensure thorough COVID-19 screening of every visitor who participated in the Show.



EVENTS & SEMINARS

Bioasia 2020

BioAsia, Asia's largest Biotechnology and Life Sciences Forum, the annual flagship event of the Government of Telangana was held from 17-19 Feb at HICC, Hyderabad. Despite the Coronavirus outbreak in China, BioAsia 2020 saw greater participation of about 2,100 delegates and visitors representing 37 countries while more than 100 eminent speakers and about 800 corporates including 350 CXOs graced the occasion. A record number of 1,000 partnership meetings were held during the three-day global summit themed 'Today for Tomorrow'.

KT Rama Rao, Hon'ble Minister for Industries, inaugurated the event in a high profile ceremony with leaders from around the world. The stalwarts from industry, government, academia and scientific community actively participated in the event, while the leaders of Pharma, Biotech, Life Sciences, Health Care, IT, Academia, Scientific Community and Startups attended the forum.

Prestigious Genome Valley Excellence Award 2020 was awarded to Dr Carl H June, the Pioneer of CAR-T Cell therapy for Cancer treatment and the Professor of Richard W Vague in Immunotherapy, Dept. of Pathology and Laboratory Medicine, University of Pennsylvania, USA and Dr Vas Narasimhan, CEO, Novartis.

Hon'ble Union Minister for Commerce and Industry Shri. Piyush Goyal, Mr Ashok Chandra Panda, Hon'ble Minister for Science and Technology, Government of Odisha also graced the event as Guest of Honour.

Key Announcements:

- Chief guest Mr. KT Rama Rao, handed over start-up awards, including a cash award, to 5 successful start-up companies selected from over 75 shortlisted companies and over 350 applications received. As part of the Start-up stage event, top 5 start-ups LYCAN 3D, CALLZY, ONCOSIMIS BIOTECH, HEAMAC HEALTHCARE, FLEXMOTIV TECHNOLOGIES were allowed to showcase their innovative solutions.
- Mr Rao also handed over land allotment letters to 5 MedTech companies who are going to set up their units in MedTech Park in Hyderabad.



- Launch of the Project Tej, a platform initiated by RICH, Cyient and Xynteo which will enable aspiring entrepreneurs to test their innovative ideas in the field of medical technologies.
- As part of BioAsia 2020, Intel also announced its 'Intel AI Applied Research Centre' to be set up in Hyderabad.



CEO Roundtable Discussion & Dinner was hosted as part of BioAsia 2020 on February 18, co-chaired by Hon'ble Union Minister for Commerce and Industry Shri Piyush Goyal and Hon'ble Industries Minister Shri KT Rama Rao along with senior leaders from Government of India, various State Governments and about 25 select industry leaders

FTCCI Seminar – Business matching - India and Thailand

The Federation of Telangana Chambers of Commerce and Industry (FTCCI) partnered with the Department of International Trade Promotion, Ministry of Commerce, Thailand, Thai Trade Centre, Mumbai and Royal Thai Consulate General, Chennai to organize a Seminar on Business Matching & Networking Between India and Thailand at ITC Kohenu, Hyderabad on 18th Jan 2020.

The objective of the event was to help Indian companies connect with Thai companies, who are looking to grow their business. It also aimed at expanding new business opportunities for Thai industries to be a source of supply to the furniture industry in India.

The delegation was headed by the Hon'ble Deputy Prime Minister and Minister of Commerce of



H.E. Mr. Jurin Laksanawisit, Hon'ble Deputy Prime Minister and Minister of Commerce of Thailand, Mr. K.T.Rama Rao, Minister for Industries, ITE&C, MA&UD, Mr. Jayesh Ranjan, IAS., Principal Secretary to Govt., Industries & Commerce Department, ITE&C, Govt. of Telangana and Mr. Karunendra S. Jasti, President FTCCI along with Thailand officials inaugurated the seminar

Thailand – H.E. Mr. Jurin Laksanawisit. The event was attended by Hon'ble Industries Minister K. T. Rama Rao, President FTCCI Karunendra S. Jasti, Prl. Secretary Industries dept. Jayesh Ranjan.

H.E. Mr. Jurin Laksanawisit mentioned that India is one of the most important trade partners of Thailand. Agri commodities, including Rubber, Rubber Wood, Tapioca Starch are the essential pillars/ focus sectors for both economies. He said that creating Agri-Trade Supply Chain Alliance (ATSCHA) is important, as it would help in boosting the Agri trade between both countries and their Agri communities. Shri K. T. Rama Rao invited Thailand to invest in the proposed Furniture Park to be established in the State. He also asked the Thailand Government to increase the flight services to Telangana to strengthen tourism.

FTCCI Seminar – New business opportunities - India and Malaysia

The Federation of Telangana Chambers of Commerce and Industry (FTCCI) jointly with Malaysian Investment Development Authority (MIDA) Mumbai and Malaysian External Trade Development Corporation (MATRADE), Chennai organized a Seminar on New Business Opportunities between India and Malaysia on 21st January 2020 at Federation House, Hyderabad.

Mr EV Narasimha Reddy, Vice- Chairman and Managing Director, Telangana State Industrial Infrastructure Corporation (TSIIC) mentioned that Telangana is looking to strengthen the two-way trade with Malaysia, as India is dependent on Malaysia for rubber and palm oil imports.

Mr. Roswaidin Mohd Zain, Consul (Investment), Consul General of Malaysia, said foreigners in Malaysia are allowed to hold 100 per cent equity

ownership in manufacturing and selected service sectors. It enables repatriation of capital, interest, dividends and profits without any restrictions. He informed that Malaysia had signed investment guarantee agreements with more than 60 countries and had intellectual property laws that conform to international standards. He also said that there is an import duty exemption for raw materials, components, machinery and equipment.

Mr Muzzafar Shah Hanafi, Consul & Trade Commissioner, Consulate General of Malaysia in Chennai mentioned that both the countries must look beyond palm oil and explore other areas of trade and collaboration such as ICT, pharma & life sciences, among others.



Mr. Roswaidin Mohd Zain, Consul (Investment), Consul General of Malaysia deliberating presentation on Leveraging Malaysia for ASEAN Expansion, Mr. EV Narasimha Reddy, Vice- Chairman and Managing Director, TSIIC, Mr. Muzzafar Shah Hanafi, Consul & Trade Commissioner, Consulate General of Malaysia in Chennai and Mr. K. Bhasker Reddy, Vice President, FTCCI on dais

NIMSME Workshop on Industrial Waste Management in SME Sector

School of Enterprise Development (SED) of National Institute for Micro, Small and Medium Enterprises in association with Telangana State Pollution Control Board (TSPCB) Hyderabad conducted a 2-day workshop on "Industrial Waste Management in SME Sector" on 27- 28 February. The workshop was inaugurated by Chief Guest Dr. K. Srinivas, Head - Technical, Ramky Enviro Engineers Pvt.Ltd. The main objective of the workshop was to sensitize the Stakeholders on various management issues of Industrial Hazardous Waste such as source, waste collection, handling, storage, transportation, processing and disposal. It is presumed that about 10 to 15 per cent of waste produced by industries is hazardous, and the generation of hazardous waste is increasing at the rate of 2 to 5 per cent per year. The importance of waste treatment, the inclusion of cleaner technologies was also addressed.



Chief Guest Dr.K.Srinivas, Head - Technical, Ramky Enviro Engineers Pvt.Ltd, Shri.K.Surya Prakash Goud, Faculty Member, Dr.E.Vijaya, Faculty Member & Administration (I/c), Dr.K.Visweswara Reddy Faculty Member & Rector and Mr. J. Koteswara Rao at Dias

RESEARCH AND INNOVATION CIRCLE OF HYDERABAD

Hyderabad City Knowledge and Innovation Cluster

RICH received formal approval from the Office of Principal Scientific Advisor (PSA) to the Government of India (GoI) for the formation of Hyderabad City Knowledge and Innovation Cluster. The decision came after the Project Review and Monitoring Committee (PRMC) meeting of the City Clusters on 24th February 2020 in Delhi wherein RICH's proposal was given the final go-ahead. Through this initiative, the RICH model will be replicated across various cities in the country.

As part of this initiative, RICH will initiate multi disciplinary projects in the areas of agriculture, nutrition, health and waste management involving the use of the latest research and technology. These projects will address critical city and state problems by leveraging the local expertise and strengths of Telangana and will facilitate ease of access to funding from the relevant central ministries.



RICH team at the PRMC meeting chaired by Dr. Swati Basu - Scientific Consultant (Climate and Environmental Science) and Former Scientific Secretary, O/o PSA to the GoI

TELANGANA STATE INNOVATION CELL

Innovation Yatra 2020

Telangana State Innovation Cell, in collaboration with Kult Nizamabad, conducted Telangana Innovation Yatra (TIY). This 4-day journey aimed at making participants explore the real-time frugal innovations and expand their knowledge beyond the horizons of traditional ideation.

In a first of its kind, the yatra took the participants to 10 different districts in Telangana and threw limelight on the novel innovations that were there in each district, taking four different routes in the state from February 19-22, 2020. The overall objective of the yatra was to witness at least 10 Innovative Ideas for actual problems prevailing in the society.



Village Innovation Challenge

The first Village Innovation Challenge was conducted at Atmakur & Amarchinta mandals, Wanaparthy district, Telangana, with an attempt to nurture the mindsets of unemployed rural youth through the approach of establishing a culture of innovation. The challenge saw 28 villages actively participating in the process, where 4-5 youngsters as a team represented a village to solve the identified problem and conceptualise the solution through 24Hour-Hackathon.

The challenge is aimed at making the youth aware of the frugal approaches to solve intricate village problems and channelising their efforts into the way of entrepreneurship with innovation as a base.



TIHCL Updates

TIHCL Signed Memorandum of Understanding (MOU) With Confederation of Women Entrepreneurs (COWE)

The objective of the MOU is to:

- Organize Awareness Programs for member industries of COWE
- Participation in the exhibitions and trade fairs of COWE
- Revival of the sick/ stressed enterprises referred by COWE
- To identify the domains and to conduct joint MSME programs.



TIHCL officials exchanging MoU with COWE

TIHCL envisions to reach 70% of stressed enterprises in Telangana by 2021

TIHCL has aggressively taken up promotional activities to penetrate into manufacturing MSMEs market. To enhance MSMEs understanding on TIHCL and its new products TIHCL has -

- Organized awareness meetings with Industries Association and IALAs of Uppal, Nacharam, Mallapur.
- Participated in a conference on the revival and the restructuring of the MSMEs, held at MSME-DI, sponsored by YES Bank.



Adviser of TIHCL addressing the gathering at MSME-DI

INK@WASH (Incorporating New Knowledge in Water, Sanitation and Hygiene)

RICH partnered with ASCI for their INK@WASH summit (Incorporating New Knowledge in Water, Sanitation and Hygiene) on 30-31 Jan 2020 at ICICI Auditorium in Gachibowli. RICH as a member of the Advisory Committee, headed by Mr. Arvind Kumar IAS, Principal Secretary, MA&UD, was especially involved in the selection of startups for the event.

The event saw applications from over 150 startups, of which about 30 were selected and invited to speak at the final event. Mr. Ajit Rangnekar, Director - General, RICH, co-chaired one of the sessions and talked about the importance of collaborating with

other startups in the space to put forward a comprehensive and sustainable solution rather than mindlessly competing with each other and fragmenting the sustainability ecosystem.



Mr. Ajit Rangnekar, DG-RICH, chairing a session at INK@WASH

INVESTMENT

Ground-breaking ceremony of Nova Integrated Systems Ltd. (NISL) - A defence subsidiary of Tata Advanced Systems Ltd.

The ground-breaking ceremony of NOVA Integrated Systems Limited (NISL), a Defence subsidiary of TASL was done on 12th March in the presence of Shri KT Rama Rao, Industries Minister, Shri Malla Reddy, Minister for Labour, Ms Sabitha Indra Reddy, Minister for Education, Mr Sukharan, MD & CEO of TASL, Mr Jayesh Ranjan, Prl. Secretary, Industries Dept. and Mr E V Narasimha Reddy, VCMD, TSIIC.



NOVA Integrated Systems Limited (NISL), catering to the defence sector, will be a great addition to the rest of TASL establishments growing in Hyderabad.

NOVA is bringing 5 new defence projects to Hyderabad creating direct employment of 600 and will engage the local defence supply chain in their sourcing. The projects will be in areas of:

- 1) Mobile Command and Control Systems for Indian Army;
- 2) Mobile VSAT communication Shelters;
- 3) Radar and Microwave component manufacturing;
- 4) Electro optics and Electronics Manufacturing and;
- 5) R&D and prototyping facilities.

DISTRICT INDUSTRIES CENTRES

MAHABUBNAGAR

PROFILE: The district is also known as Palamoor. It is the largest district in Telangana state in terms of Area (18432.00 sq.km). It is bounded on the north by Ranga Reddy and Nalgonda districts of Telangana, on the east by Nalgonda district of Telangana State and Guntur districts of Andhra Pradesh State. The district mineral resources include Quartz, Feldspar, Black, Granite, Colour Granite, Barytes, Laterite, Semiprecious stones, gravel, road metal. Other resources include milch animals and fisheries. Local produce includes rice, jowar, bajra, ragi, groundnut, castor, chillies, tobacco, Red-gram, cucumber, Brinjal, Onion.

PRESENT SCENARIO : 84 units are approved under TS-iPASS in Mahabubnagar, out of which 15 are micro units and 69 are small units. The total Investments for micro-units is Rs. 1.16Cr and small units is Rs. 125.19 Cr. The total number of employment for micro and small units is 489 and 1397 respectively. The primary industries in the district include Power looms, Engineering & Fabrication, Polythene and plastic processed products, tyres and tubes vulcanization, Vegetable oils, Textile processing, Pharmaceuticals, Sawmills and Paper products.

MANCHERIAL

PROFILE : Mancherial District is carved out of erstwhile Adilabad District. It is surrounded by Asifabad (Komaram Bheem), Adilabad, Nirmal, Jagtial, Peddapalli, Bhoopalapally districts and the Maharashtra state. Mancherial is one of the A category stations of Secunderabad division and Bellampalli is also a major railway station in the region. The significant mineral resources in the district include limestone, coal, Stowing Sand. Other resources comprise milch animals and fisheries. The major crops in the district include paddy, Jowar, Maize, wheat, green gram, black gram, soya bean.

PRESENT SCENARIO : 123 units are approved under TS-iPASS in Mancherial, out of which 89 are micro-units and 34 are small units. The total Investments for micro-units is Rs. 9.77Cr and small units is Rs. 45.59 Cr. The total number of employment for micro-units is 594 and small units is 725. The average Investment for micro-units is Rs. 0.109Cr and small units is Rs. 1.3408Cr. Average employment per unit is 6 for micro and 21 for a small unit. The main industries in the district include Rice mill, Fly ash bricks, Engineering and fabrication, Soap manufacturing, Solar power generation, Stone crushers, Ceramics and Refractories.

ENTREPRENEUR WATCH SPACE

As a kid, Narsimha Chary spent more time with objects that were made up of plastic, silicon, and lithium, than with Koosh balls and Hot Wheels. While children in his neighbourhood were engaged in playing hopscotch and kho-kho, he was busy experimenting with motors and building electromagnetic toy trains in his uncle's repair shop. Today, Narsimha is 39-years-old and is in the process of brightening up the world by bringing dead tube lights back to life.

It all started in the year 2000 when he invented an integrated circuit that could re-glow failed tube lights without using a choke and starter. However, Narsimha's journey was not easy. It took him seven years of hard work and dedication to achieve the feat. So far, Narsimha has collaborated with various panchayats, civic bodies, and municipal corporations to successfully re-glow more than 10 lakh tube lights throughout India. Further, he is continuing this endeavour of electrification by working with the National Institute of Rural Development (NIRD).

He won a slew of accolades for his invention, the most prominent one being - the 'Great Minds, Long Miles - Quest for Answers' award, as part of an initiative run by Siemens, to search for impactful innovations at the grass-root level. The 39-year-old was also featured on the Discovery Channel.

Narsimha's work was first published by a Telugu magazine called Eenadu. Soon after, many other media organisations started featuring his invention. Narsimha got an offer from Vijay Rural Engineering College to join as a Professor, which he later accepted. The 39-year-old bagged many accolades

under the 'Best Project' category over the years, as part of the State Youth Exhibition in 2004-05, General Electric Innovation Contest in 2007-08, etc.



Most of us tend to throw away tube lights and CFL bulbs once they stop functioning, without being aware of its detrimental effects. The mercury vapour in it can contaminate soil, water, and even the air we breathe. The Chary Formula tackles this by assisting people to re-glow their failed tube lights for at least three years, and also by clearing up all the mercury present in it. Besides, the cost of re-lighting the tube lights using Narsimha's integrated circuit is as low as Rs 50, whereas purchasing new ones involves shelling out at least Rs 500.

Narsimha, who presently holds a patent for his invention, is working with the National Institute of Rural Development (NIRD) to electrify various other parts of the country, which are surviving in darkness without electricity. When asked about his most significant learning in life, he said, "Curiosity and hard work can take you places."

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TS INDUSTRY AWARDS 2020 - CALL FOR APPLICATIONS



The Telangana State Industry Awards 2020 - 4th edition in collaboration with TS GlobalLinker is now inviting applications in 6 different categories (For Manufacturing and service companies, except No 6 award) as below:

1. Best Export Performance
2. Best Innovation
3. Best CSR Practices
4. Best Sustainability Practices
5. Best Startup
6. Special Contribution Award (IT Services)

Last date to apply - 15th May 2020

Link to apply

<https://ts-msme.globallinker.com/IndustryAwards2020>

Please contact Malavika for any queries: 9701274168 / malavika.jaggi@digivation.in

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