



Sri K. Chandrababhanthekar Rao  
Hon'ble Chief Minister  
Government of Telangana



# Annual Report 2018-2019



Industries & Commerce Department  
Government of Telangana  
Hyderabad, India

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## From the Chief Minister's Desk

*This year, Telangana State has completed five years since its formation in 2014. Despite being the youngest state, it has demonstrated one of the highest growth rates in the country. Creating a new benchmark this year, Telangana has recorded a growth rate of 15% at current prices and 10.6% at constant (2011-12) prices, compared to 14.1% and 10.4% respectively from previous financial year. The growth rate of 10.6% at constant prices also surpassed national growth rate of 7.0%. The share of Telangana's economy in the National GDP has increased 18 basis points from 4.37% in 2017-18 to 4.55% in 2018-19.*

*In 2019, Hyderabad City retained its ranking as the top Indian city, fifth year in a row in Mercer's 21st Quality of Living index. In addition, Hyderabad has also ranked 2nd most dynamic city in JLL's City Momentum Index (CMI) 2019, unveiled in the World Economic Forum. Telangana State has ranked 2nd in EODB this year and has scored 100% in the reforms evidence scorecard. Due to the proactive and investor friendly business environment in our state, we have attracted cumulative investments of Rs. 1,58,274 Cr. through our flagship initiative of TS-IPASS creating employment of 11.32 Lakh jobs.*

*Telangana state is emerging as one of the fastest emerging ecosystems for Electric Vehicle adoption and is also attracting a lot of interest from Automotive technology players. Hyderabad was recently recognized by Niti Aayog and Rocky Mountain Institute, USA, as one of the lighthouse cities in India for implementation of EV pilot projects. Hyderabad was also selected as one of nine cities for GOI electric bus pilot project under FAME scheme.*

*Food Processing is another emerging sector in the state and there is major focus on creation of infrastructure, private investments and multiple inter-departmental initiatives to encourage community level enterprises and value addition activities. A platform is being established to provide market linkages for small farmers with large food processing and retail companies in collaboration with TS SERP, Agriculture department and Agriculture University.*

*The financial year witnessed opening of many prestigious retail stores, including IKEA, Walmart-Karimnagar, Danube Homes etc. Many mega investors are also setting up their base or expanding in Telangana, including Novartis, Ferring Pharma, Genesys Biologics, FMC India, Pulse Pharma, Medipure Life sciences, KuvadaTechnotex, P&G, Sitaram Spinners, Kalyani Rafael, Adani, Olestra Greentech, Goyam Motors, Varcas automotive, Manin, Lulu group, ITC Ltd. and so on.*

*Hyderabad hosted the 16th edition of BioAsia in Feb 2019 with a highest participation so far of about 2400 delegates, representing 50 countries. Another important event hosted in February was the Textiles CEO Conclave, attended by over 150 leaders from the sector. In addition to this, the city has won the bid to host a global design event called World Design Assembly (WDA) in Hyderabad during October 2019. The Industries Dept. will be hosting WDA in tandem with our own design event called Hyderabad Design Week (HDW).*

*I look forward to another year of exciting growth opportunities with the support of all stakeholders and in making the vision of 'Golden Telangana' a reality.*

**Sri K. Chandrashekar Rao**  
Chief Minister  
Government of Telangana

## KEY ACHIEVEMENTS OF 2018-19

Telangana has ranked 2nd in Ease of Doing Business and 100% on reforms scorecard.

Hyderabad ranked 2nd most dynamic city in ILL's City Momentum Index (CMI) 2019 unveiled in the World Economic forum.

Hyderabad ranked among top five cities in the world to show a quick rise in residential property values in last one year, as per Knight Frank Global Residential Cities Index-2018

Hyderabad retains top ranking amongst Indian cities in Mercer's 21st quality of Living survey in 2019.

NITI Ayog in its Sustainable Development Goals (SDG) India Health Index, has ranked Telangana at third place in the country with a score of 73.

The National Seed Association of India has recognized Telangana State Seed & Organic certification Authority as the 'Model Seed Certification Authority' in the country.

Hyderabad has displaced Mumbai to become one of the top three cities in India attracting talent, according to India Workforce Report H2 2018 by LinkedIn.

Indian Economic Trade Organization (IETO) in collaboration with associations and entrepreneurs is setting up an International Women Startup Corridor (IWSC) in Hyderabad, first-of-its-kind initiative with a seed fund of \$2 million.

## RECENT DEVELOPMENTS

OYO rooms IT and Tech operations have grown three-fold in the last two years in Hyderabad. The company has taken a decision that all new businesses will be operated from Hyderabad.

German biotechnology player Tentamus Group is keen on making Hyderabad the primary hub for its India operations by setting up food testing labs.

Hyderabad based technology infrastructure provider CtrlS plans to set up 150-megawatt hyperscale datacentre in Hyderabad that will spread across two million square feet.

Schneider Electric announced the launch of its first smart factory in Hyderabad. Built on existing manufacturing facility, the smart factory is highly digitized and has connected production facilities relying on smart manufacturing.

Kalyani group will set up the first ever Missile system MRO facility in Hyderabad.

Adani defence and Aerospace inaugurated the Adani Elbit Unmanned Aerial Vehicles (UAV) manufacturing facility in Hyderabad. The facility is touted to be the first private UAV manufacturing unit in India and first one outside Israel to make UAV.

France-based aerospace company Safran announces plans to set up a Rs. 290 Cr. green-field unit to make parts for the LEAP turbofan engine from CFM International.

NCL Veka has opened Rs 50 Crore uPVC profile extrusion facility in Medak District with a fully automated mixing and conveying system with 18 extruders.

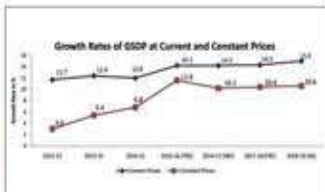
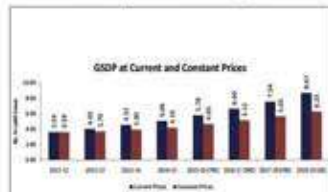
Kaveri seeds sets up Asia's largest corn cob drying facility at Molangur, Karimnagar. The capacity of the corn cob drying facility is 1,456 MT per cycle.

## GROWTH

### GSDP - Outlook for 2018-19

- As per advanced estimates released by the Directorate of Economics and Statistics, the Gross State Domestic Product (GSDP) at current prices for the year 2018-19 is estimated to be Rs. 8.67 lakh crore.
- Impressive growth rate of 15 percent.
- Telangana GSDP at constant (2011-12) prices for the year 2018-19 is estimated at Rs. 6.25 lakh crore.
- Highest growth rate of 10.6 percent, since the formation of State.

### Trends in GSDP and growth rates of Telangana



### Performance of the state's economy in 2018-19

- The share of Telangana's economy in the national GDP is 4.55% in 2018-19.
- The share of the state in All India GDP has increased by about 53 points within a short span of about 4 years.
- The steep increase in state share is due to the State's growth rate being higher than that of All-India growth rate.

### Comparison of growth rates of Telangana vis-à-vis all India



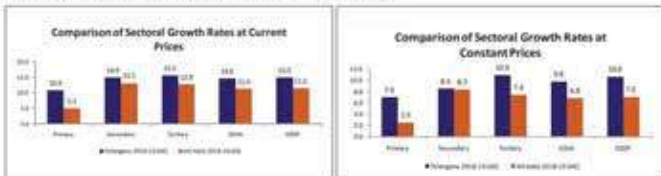
### Comparison of growth rates of Telangana vis-à-vis all India at current and constant prices

Year	Current Prices					Constant Prices				
	Telangana		All India		Share of TS	Telangana		All India		Share of TS
	GDP (Rs. in Crores)	Growth Rate	GDP (Rs. in Crores)	Growth Rate		GDP (Rs. in Crores)	Growth Rate	GDP (Rs. in Crores)	Growth Rate	
2011-12	959,434		8,736,329		4.11	959,434		8,736,329		4.11
2012-13	401,394	11.7	9,944,013	13.8	4.04	370,113	8	9,213,017	5.5	4.02
2013-14	451,580	12.4	11,233,522	13	4.02	389,957	5.4	9,401,370	6.4	3.98
2014-15	505,849	12	12,467,959	11	4.06	416,332	6.8	10,527,674	7.4	3.95
2015-16 (PRE)	577,902	14.2	13,777,874	10.5	4.20	464,542	11.0	11,369,493	8	4.09
2016-17 (PRE)	659,636	14.2	15,862,886	11.5	4.29	511,701	10.2	12,298,327	8.2	4.18
2017-18 (PRE)	753,804	14.3	17,095,005	11.3	4.41	565,301	10.4	13,179,857	7.2	4.29
2018-19 (AE)	886,875	15	19,053,967	11.5	4.55	629,003	10.6	14,330,129	7	4.43

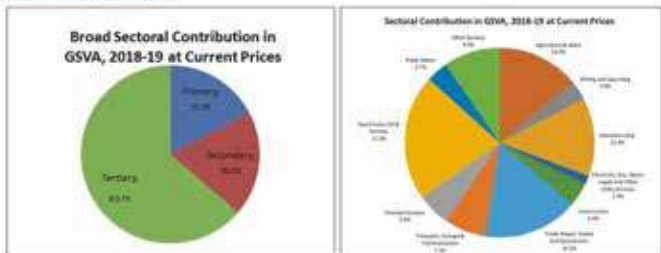
### Sectoral growth performance

- As per advance estimates for the year 2018-19, the Gross Value Added from the primary sector including agriculture and allied activities is likely to grow at a pace of 10.9 percent at current prices, as against 5.1 percent anticipated growth of All India.
- The GVA from secondary sector which includes manufacturing electricity and construction is expected to register a growth rate of 14.9 percent, as against the All-India growth rate of 13.1 percent.
- Services sector is anticipated to register an impressive growth of 15.5 percent GVA at current prices, in comparison to the All India growth rate of 12.8 percent.
- The total GVA comprising all three broad sectors is likely to register an impressive growth of 14.6 percent, which is 3.2 percent higher than that of All India GVA growth.

### Comparison of growth rates in 2018-19: Telangana vis-à-vis all India



### Sectoral contribution in GSVa





Government of Telangana has enacted the Telangana State Industrial Project Approval and Self-Certification System (TS-iPASS) Act, 2014 (Act No.3 of 2014) for speedy processing of applications and issuing various clearances required for setting up of industries at a single point based on self-certification by entrepreneur.

This has provided investor friendly environment in the State of Telangana and the system is operational since January 2015. The TS-iPASS approval process is totally online i.e. from application filing stage to approval stage without any human interface.

The departmental fee is collected online at a single point (TS-iPASS) and payment through demand draft, challan and other offline process are dispensed. A total of 38 services from 27 Departments pertaining to pre-establishment and pre-operation of industries which covers all state level approvals are under the ambit of TS-iPASS.

Each approval has a fixed time line which has to be adhered by the department failing which the officer responsible for delay will be penalised @ Rs.1000 per day and the provision of deemed approval will be revoked as per TS-iPASS Act.

All Manufacturing, Service activities are eligible for processing of applications under Telangana State Industrial Project Approval and Self Certification System (TS-iPASS).

The online system is user friendly and equipped with latest tools to guide the entrepreneur in filing the application without any hindrances. Alerts are sent to

the entrepreneur in the form of messages to the registered mobile and to the registered email at every stage of approval process in addition to the application tracking system available in their login.

Further to this in accordance with Ease of Doing Business (EODB) thirty (30) other services of various departments were also brought under the purview of TS-iPASS. The GOI in association with world bank has ranked Telangana state as best in EODB and TS-iPASS played a key role in achieving this.

The TS-iPASS online portal is integrated with departmental portals making the process more advanced and transparent. The Development Permission Management Permission system (DPMS) is implemented for construction permits which harness the potential of Information and Communication Technology (ICT). The steady and steep growth of the applications processed year after year showcases the scintillating performance of TS-iPASS.

**TS-iPASS Year-wise clearances issued**

Sl. No.	Year	No. of Units	Investment (in Rs. Cr.)	Employment
1	2015-16	1546	29158.90	106685
2	2016-17	1793	34960.81	122511
3	2017-18	3037	58374.63	293422
4	2018-19	3058	35780.00	609508
	<b>Total</b>	<b>9434</b>	<b>158274.34</b>	<b>1132126</b>





Telangana State Industrial Infrastructure Corporation Limited (TSIIC) is a Nodal Agency of Government of Telangana. The Corporation is mandated to identify and develop potential growth centers in the State by providing infrastructure through development of industrial areas.

#### Highlights:

- State of Art infrastructure facilities to suit needs of the industry.
- Sector specific Industrial parks like:
  - Hyderabad Pharma City (35 Kms from Hyderabad),
  - Medical Devices Park, at Sultanpur (25 Kilometers from Hyderabad).
  - Mega Food Park, Khammam and Band Thimmapur (280 Kms from Hyderabad);
  - Plastic Park at Thummaluru (20 Kms from Hyderabad);
  - Multi Product Manufacturing Park at NMZ, Zaheerabad (100 Kms from Hyderabad);
  - Electronic manufacturing clusters on 1000 acres at Ravinyl and Maheshwaram (close to Shamshabad International Airport).
  - Kakatiya Mega Textile Park, Warangal (80 Kms from Hyderabad)
- Land allotted to Mega Projects like:
  - M/s Welspan India Ltd. (WIL), for manufacturing of fully integrated home textile manufacturer at Chandanvally, Ranga Reddy District (Rs.2000 crores investment and employment for about 5300 persons).
  - M/s RP Sanjay Goenka Groups FMCG Company M/s Guiltfree Industries, for manufacturing of packaged snacks at Banda Thimmapur, Medak District (Rs.220 crores investment and employment for about 530 persons).
  - M/s Wipro Enterprises (P) Limited, for manufacturing of consumer care products at FAB City, Shamshabad (Rs.200 crores investment and employment for about 500 persons).
  - M/s Chirpal Industries Limited for manufacturing of Plastic Products (Rs.529 crores investment and employment for about 300 persons).
  - M/s Adani Defence & Aerospace and Elbit Systems, for manufacturing of Un-Name Aerial Vehicles at Maheshwaram, Ranga Reddy District (Rs. 97 crores investment and employment for about 150 persons).



*Inauguration of Mandipally Village, Hardware Park, Phase 2 on 28.12.2018 by Sri Maheshwari, Hon'ble Dy. Chief Minister, in the presence of Sri E. K. Jaysh, IAS, Chief Secretary, Sri Jayesh Ranjan, IAS, Principal Secretary, IBC Dept., Sri E. Venkata Narasimha Reddy, VC & MD, TSIIC and Officials of M/s. Adani Group.*

- M/s Kundana Enterprises for manufacturing of Recycled Polyester Staple Fiber at Chandanvally, Ranga Reddy District (Rs.200 crores investment and employment for about 500 persons).
- M/s Sakura Premier Solar Private Limited, for manufacturing of new solar cell and modules PV cells, at EMC, Ravinyl, Ranga Reddy District (Rs. 241 crores investment and employment for about 197 persons);
- M/s Himachal Futuristic Communication Ltd – HFCL for manufacturing of optical fiber cables at EMC, Ravinyl, Ranga Reddy District (Rs. 236 crores investment and employment for about 111 persons).
- New Industrial Area Local Authority (IALA's) notified by Government vide G.O.Ms No. 10, 20, 29, 41 & 42 for fast track clearances / permissions by TSIIC for setting up Industrial units by Entrepreneurs.
- Existing Industrial clusters identified for up-gradation of infrastructure facilities at Jedcharla Dist., Chityala Dist., Nalgonda, Bhuvangiri, Kodada, Autonagar-Hyderabad, Palem, Manchiryal, Madikonda, Palovancha in a phased manner.
- Retrofitting of Industrial / IT & ITES Parks being taken up for sustainable / environmental friendly development in association with GIZ, Germany.
- Delegation from other states like Hon'ble Chief Minister's Office of Tripura; All India Service officers delegations, National Defence College officers delegation, Rajasthan State Industrial Development and Investment Corporation (RISICO) etc., visited the state to study the best practices being implemented by TSIIC.



*Visit of Delegation from Shizuoka Prefecture from Governor's Policy Department and Kakegawa City Officials alongwith Economic and Industrial Department Officials and representative from business organisations to TSIC, on 13.11.2018.  
The Delegation was headed by Mr.Niroshi Masui, Director General of Regional Diplomacy, Shizuoka Prefectural Government.*



*Visit of delegation from Chung-buk Province, South Korea to Telangana State Industrial Infrastructure Corporation Ltd.,(TSIC)  
Parishrama Bhavanam, Bachchalbagh, Hyderabad on 28.11.2018  
The Delegation was headed by Mr. Myung-sooMNG, Ambassador of International Affairs of Chung-buk Province, South Korea*



Life Sciences continues to be among the focus sector of Government of Telangana. The year 2018-19 has proved to be yet another phenomenal year for the Life Sciences sector in Telangana.

Some of the key activities in FY 2018-19:

## Genome Valley 2.0:

Genome Valley is India's first and largest cluster for clean manufacturing and R&D. Government announced expansion of the cluster with addition of about 300 Acres and also has envisaged addition of about a million square feet of ready-to-use lab spaces in the cluster. Government also announced the formulation of a strategic regional master plan "Genome Valley 2.0" to strengthen the cluster as a Knowledge led growth corridor.

In 2018-19, there have been multiple additions in the cluster with both Global and Indian companies setting up their plants in the Park. Key additions to the cluster are Sandoz, Syngene, Novartis, Alembic, TCI Chemicals, AAP Pharma, Ferring Pharma, Genesys Biologics, Daicel Chiral, PSPPL (performance specialties), FMC India, Pulse Pharma, Medipure Life Sciences, among others.

## Hyderabad Pharma City:

Hyderabad Pharma City has been one of the marquee initiatives of the Government. Spread across 19,000 acres, Government intends to develop Hyderabad Pharma City as a new international benchmark for smart, innovative, eco-sensitive & sustainable integrated industrial cluster for the pharmaceutical value chain.

As a major milestone, Government and TSIC successfully secured the environment clearance from Ministry of Environment, Forest and Climate Change (MoEFCC), Government of India in FY 2018-19.



## Medical Devices Park

Medical Devices Park, launched in 2017, has become the destination-of-choice for leading medical devices companies in the Country. Spread across 276 Acres in Sultanpur village of Sangareddy district, the park offers dedicated ecosystem for Meditech innovation and manufacturing. About 16 companies are in the process of setting up their R&D / Manufacturing facilities in the park including the Asia's largest stent manufacturing facility for manufacture of Coronary Stents & Balloon Catheters with a proposed investment of Rs 250-crore by Sahajanand Medical Technologies.

## Summary of Investment in Medical Devices park

Number of Investments in Medical Devices Park in FY 2018-19	16
Worth of Investments (In INR Crores)	920
Proposed Employment	3,826

## BioAsia

16th Edition of BioAsia - Asia's largest Biotechnology and Life-sciences forum and the annual flagship event of the Government of Telangana was organized from 25th to 27th February 2019. The event also saw the highest ever participation of 2,400 delegates and visitors from Healthcare, Biotech, Pharma, Life-Sciences, IT, Academia and Startups representing over 50 countries. Over 100 high profile speakers and more than 700 Corporate participated in this edition. A record number of 1,700 partnering meetings in the history of BioAsia were conducted on the sidelines of this edition leading to key strategic collaborations.

An MoU was signed between Government of Telangana and Taizhou Medical Hi-Tech Development Zone (Taizhou Zone) supported by the Government of Taizhou, China.



#### Other Key Announcements / Initiatives during FY 2018-19

- Government announced establishment of B-Hub, first-of-its-kind initiative in the country featuring a Growth Phase center supporting Life Sciences companies post incubation stage coupled with a Biopharma scale-up manufacturing facility.
- Government rolled various Skill Development Initiatives addressing skill gaps in Biopharma industry in partnership with Industry. The United States Pharmacopoeia (USP) in partnership with Telangana Government set up a training institute to help prepare university graduates and pharmaceutical professionals in quality in pharmaceutical manufacturing with intensive hands-on training aligned with regulatory guidelines and international medicines quality standards. Also, Government in partnership with Telangana Academy of Skills and Knowledge (TASK) and Industry Partners (Bharat Biotech, Shantha Biotech, Indian Immunologicals and Biological E.) started the Vaccine Skill Development programme pilot with 30 students to train them on Vaccine and Biologics.
- Life Sciences Advisory Council constituted by the Government in partnership with McKinsey & Company initiated formulation of a Life Sciences Vision 2030 Document to position the state as one of the leading life sciences clusters in Asia through innovation-driven and tech-enabled growth.

- A Special purpose vehicle has been created for mobilizing the Country's first Life Sciences infrastructure Fund. The Life Sciences Infra Fund will mobilize and deploy capital to create world class life sciences infrastructure including multi-tenanted lab spaces, flatted factories, common facilities among others which will be instrumental in providing a launchpad to companies entering the Hyderabad Life Sciences ecosystem.
- Government in partnership with the Centre for Cellular & Molecular Biology (CCMB) has envisaged establishment of an unique, international quality Biomedical Research Institute that will transcend traditional barriers in moving scientific discoveries into the clinic. The proposed institute will focus on developing precise and affordable health care solutions using cell-based therapy, bio-therapeutics, immunotherapy, gene therapy, etc., through a strong researcher-clinician network.
- A web portal was launched to profile of Companies and Academic institutions in Pharma and Life Sciences sector aimed at creating an interface between Government, Industries, Research Institutions and Start-ups.

#### Summary of Investments in Life Sciences Sector (FY 2018-19):

Number of Investments in life Sciences in FY 2018-19	229
Cumulative Investments (INR Crores)	3,267
Proposed Employment Generation	17,218



Handloom and Textiles is the second largest employer in India after Agriculture. Handloom Industry in Telangana occupies unique place in the country for its exclusive art and artifacts of handloom weavers. Ethnic handloom designs of Telangana state promoting the cultural glory of Indian heritage and culture. The design patterns of Pochampally Ikat, Gadwala Cotton, Silk & Sico Sarees, Narayanpet Cotton, Silk Sarees, Warangal Durries, Gollabana of Siddipet, Karimnagar bed sheets & furnishings shows the outstanding skills of handloom weavers. Lack of forward and backward linkages has prevented the Telangana Handloom industry from achieving its full potential. This is a gap as well as an opportunity which the state government has geared up to address.

Telangana state is also known for its production of high quality long staple cotton fibre with an annual production of more than 60 lakh bales. Availability of high-quality raw material and a large pool of workers having deep experience provides a rich opportunity to develop end-to-end value chain of Textiles and Apparel in the state. The state government has geared up to address the same through various initiatives under Telangana Textile and Apparel Policy (T-TAP) and setting up Textile and Apparel parks in the state.

## Nethannaku Cheyutha (Thrift Fund Saving Security Scheme)

- Under the scheme, the weaver contributes 8% of his earned wages per month and in turn the State Government deposits 16% of the wages to weaver account. The entire amount will be kept in recurring deposit (RD) Bank account with (03) years lock-in period.
- The basic objective of the scheme is to inculcate thrift and to provide social security to weavers engaged in Handloom activity. It is also intended to create lumpsum fund for their future requirements. Till date 18,327 eligible beneficiaries including weavers / designers / dyers / warpers / winders etc. have benefitted under the scheme and Rs. 23.9 crores has been released by the State Government.

## Chenutha Mithra Scheme (Input subsidy linked wage compensation scheme)

- The scheme envisages 40 per cent subsidy on the yarn, dyes & chemicals required by the weavers. Out of the above, 5% benefit goes to the stakeholder who had placed indent and the balance 35% will be credited into weaver/ ancillary worker through DBT in

proportion to the wages earned as input subsidy linked wage compensation.

- More than 7700 weavers have benefitted from this scheme so far and Rs 20 Crore has been released by the State Government under the scheme.

## Handloom Events - National Handloom Day 2018 and National Handloom Expo 2019

"National Handloom Day" was celebrated in a big way on Aug 07th 2018. As part of celebrations the following activities were organized in order to create awareness about the Handloom products among the public, extend support to the weavers and to promote the Handloom Industry.



- A Fashion Show was organized in the Sampradaya Vedika, Shilparamam with leading designers showcasing their designs using handloom products.
- One week Handloom Exhibition was organized from 7th to 13th Aug 2018 at People's Plaza, Necklace Road, Hyderabad wherein a number of handloom artisans and weavers exhibited their products.

National Handloom Expo, sponsored by Development Commissioner for Handlooms, Government of India, was organized from 27-Feb to 16-Mar 2019 at NTR Stadium, Indira park, Hyderabad. About 1200 primary handloom weavers cooperative societies from all over





the country participated in the event. The total sales recorded during the event was Rs 193.96 lakhs.

#### **Textiles CEO Conclave in Hyderabad**

Organized by DPU Publications with Textile Association (India) as its knowledge partner, the CEO Conclave – Investment Partnership Summit was held on 19-20 Feb, 2019 at HICC Hyderabad. The conclave was attended by over 150 leaders of the textile value chain including mill owners, managing directors, CEOs, investors, entrepreneurs and stakeholders among others. The theme of the conference was: "Rethink traditional business methods, Rejuvenate with new business models and Revive confidence in the textile industry".

The award ceremony recognized industry stalwarts including Suresh Kotak - Chairman Kotak & Co Ltd, B K Goenka - Chairman Welspun Group, Rahul Mehta -



President CMAI, Sanjay Jain – Chairman CITI, Manish Mandhana – MD Being Human among others for their contribution to India's textile and apparel sector.

As a part of the CEO Conclave, more than 22 business leaders and stakeholders visited the Kakatiya Mega Textile Park at Warangal. The Mega Textile Park is being developed over 1200 acres in first phase and will include built to suit units, 20 MLD CETP with Zero Liquid Discharge (ZLD), full complement of state-of-the-art infrastructure at project door step (roads, water, power, sewerage collection, effluent collection etc). The investors appreciated the progress of construction works for arterial and approach roads; power substations and water connectivity at the site.

#### **Built to Suit Garmenting units and Common Facility Centre at Sircilla Textile Park**

Department of Handloom & Textiles is developing a Plug and Play infrastructure in the Sircilla Textile park located in Buddenapalli village, Sircilla. A Built-To-Suit unit in the





Apparel park that can accommodate 150 sewing machines in two modules of 75 machines each and associated amenities along with other basic enabling infrastructure and common facilities is proposed.



The common facilities in Textile Parks like Food Court & Canteen, Common Washrooms, Display area and Administrative building are provided.



- Exclusive Training facility is provided that can train up to 30 students per batch in Sewing Machine Operation.

In order to address the gaps in pre and post weaving capabilities of the Sircilla Textile Park the State Government is setting up a 15 acre Common Facility Center which will house all facilities required for Pre Weaving, Yarn Dyeing, Fabric Dyeing, Finishing, Printing plant, laboratory equipments and shall be an environment friendly facility comprising of physical and common infrastructure components interwoven with green spaces. Presently the master plan for the project is under finalization.

#### Update on Mega Investments in Textile and Apparel Sector in Telangana

Responding to the progressive policy interventions under Telangana Textile and Apparel Policy (T-TAP) and the superior ease of doing business in the state, a number of mega investors have invested in the textile and apparel sector in Telangana and their projects are at various stages of completion:

- M/s Wehpun Group's Rs 1200 Cr Flooring Solutions project is in advanced stages of construction at Chandanvelli and the project is likely to commence commercial production by July 2019.
- M/s Youngone Corporation's USD 120 million investment is expected to commence construction in the first quarter of FY 2019-20.
- M/s Kundana Technotex (Pashupati Group) Rs 240 Cr PET waste recycling unit has commenced construction and the project is likely to commence operations by the end of third quarter of FY 2019-20.
- M/s P&G commissioned its state-of-the-art Rs 240 Cr Baby Diaper Unit in Kothur during the third quarter of FY 2018-19. The company will invest approximately Rs 1000 Cr over a period of 5 years in Telangana.
- M/s Sitaram Spinners' Rs 200 Cr spinning expansion project is under construction and expected to commence operations during the current year.





## Activities & Dept. Set-up:

- Promotional - Mineral investigation and exploration, and preparation of prospective mineral blocks for exploration.
- Regulation - Processing and disposal of applications for quarry leases, collection of revenue, regulation of Mineral extraction & transportation.
- The Dept. is headed by Director at Head Office having Three (3) Regional, Thirty (30) District Offices.

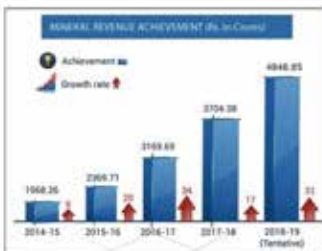
## Mineral Resources:

Telangana state is endowed with varied geology having rich and wide variety of minerals suitable for specific mineral industries. The State is a store house for various minerals specifically coal, Iron ore, Limestone, Gold, Diamond, Dolomite, Manganese, Quartz, Feldspar, Sand for Stowing, Laterite, Clays, Yellow Ochre, Barytes, Uranium, variegated varieties of dimensional Stones/Granites, Limestone Slabs, Fullers Earth, Marble, Road Metal/ Building Stone/ Ballast, Gravel/Earth and Ordinary Sand.

## Focus Minerals & Industries:

Both Public & Private sectors established large and medium scale mineral based industries for manufacture of cement, sponge Iron, Ferro-alloys, Glass, ceramics, Refractories, chemicals, Granite, Marble & Limestone cutting & polishing units, Slate cutting units, Gem cutting & faceting units, Granite monuments manufacturing

units, Pulverizing units, stone crushers, Mosaic & Ceramic tile units, Lime kilns and Manufactured sand units in Telangana State.



## Mineral Based Industries in Telangana State:

S.No.	MBI	No. of Industries
1	Cement Plants	27
2	Sponge Iron Plants	15
3	Quartz Pulverizing Units	70
4	Ferro alloys units	2
5	Granite cutting & Polishing units	723
6	Stone Crushing Units	463
7	Napa slab Units	183
8	Manufacture sand units	74
9	Ready Mix Concrete Units	34
10	Thermal Power Plants	2
11	Clay & Ceramic Units	29
12	Fullers earth processing units	55
13	Mosaic Chips Units	16
14	Brick Kilns	234
15	Laterite Beneficiation Plants	2
16	Barytes Processing units	1
	<b>Total</b>	<b>1934</b>



### Mineral Production & Value:

The Mineral consumption is on the increase due to promotion of various mineral based industries and manufacture of mineral based products. State produced about 30 million tons of industrial minerals, 64 million tons of coal and 5g million cubic meters of dimensional stones and building material.

### Mineral Revenue:

The Mineral & Mining sector in state contributed Rs. 4848.85 crores to the exchequer in 2018-19 as against a target of Rs. 4060.03 crores.

### Mining & Quarrying Sector - Contribution to State GDP:

The Primary Sectors contributing to Gross State Domestic Product (GSDP) is Agricultural & allied and mining & quarrying sectors. As per the "Socio Economic Outlook-2018" released by the Planning Department, the Sectoral Growth Rate of mining and quarrying from 2012-13 to 2017-18 is as follows:

	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
Mining & Quarrying	(TNE)	(TNE)	(TNE)	(TNE)	(TNE)	(TNE)
	14.7	-2.4	18.7	16.1	22.4	6.8

Note: TNE - Third Revised Estimates; SRE - Second Revised Estimates; PRE - First Revised Estimates; AE - Advance Estimates.

### Mineral Investigation & Exploration:

#### Iron Ore Investigation:

- The GSI under MoU with the Dept. has carried-out reassessment of Iron Ore in Bayyaram area (G3) Level in FSP 2015-16 and (11) blocks (G4) Level as 5 items in the FSP 2016-17.

- The state Govt. decided to reserve Iron Ore bearing areas to M/s. TSMDC Ltd. Therefore, the subsequent investigation shall be taken-up by the M/s. TSMDC Ltd.

#### Implementation of Information & Technology:

- The Dept. launched portal (<http://www.mines.telangana.gov.in>) under public domain. The web portal contains entire information pertaining to Functions and objectives of the Department.
- Online Mineral e-Payment & e-Permit System (OMEPPS):** Launched in 2014 as Pilot Project and implemented State-wise since 2014 onwards.
- Online Mineral Concession Application System (OMCAMS)** Launched on 01.07.2013. Different Mineral Concessions being implemented successfully by the Department viz., Prospecting Licences; Mining Leases; Quarry Leases (Granite); Quarry Leases (Marble); and Quarry Leases (Other Minor Minerals).
- The State Govt. launched online modules for processing and disposal of fresh/transfer/renewal of mineral concessions applications in respect of Non Exclusive Reconnaissance Permit (NERP), Granite & Marble. 31 minor minerals and other minor minerals.
- e-Office:** The ITE&C Dept. customized e-Office for the purpose of the Dept. and extending training programmes to officers and staff members for implementation of e-Office to be operational completely w.e.f. 01.07.2019.

GSI Item No.	Block Name	Reserves in Million Tonnes	Grade (% of Fe)
84/2015	Bayyaram, Mahabubabad Dist.	70.53	25 to 60
100	Yerraballi, Warangal (U) Dist.	13.30	39 to 43
101	Gurimella-Yerragunta		
	(i) Yerragunta sub-block	3.03	21 to 48
	(ii) Kambalapalle sub-block	1.48	25 to 40
	(iii) Nallagutta sub-block	0.92	25 to 40
	<b>Total (101)</b>	<b>5.43</b>	
103	Sitanagaram Macherla, Mahabubabad Dist.	2.317	20 to 40
	Lachapuram, Kothagudem Dist.		
104	Rebbanapalli, Mancherial Dist.	39.50	27 to 32
	Chandoli-Ambaripet, Jagtihal Dist.	30.99	
	<b>Total (104)</b>	<b>70.49</b>	
	<b>GRAND TOTAL</b>	<b>162.062</b>	

#### Other Initiatives:

##### Draft State Mineral Policy:

- The draft State Mineral Policy for allocation of mineral concessions for minor minerals will be entrepreneur friendly, transparent and best in the country. It is under consideration before the Govt.
- The Department is proposing mine/quarry waste management plan to incorporate in the State Mineral Policy for environmental sustainability, employment generation and resource efficiency as follows:
  - Waste generated during quarrying & processing of Limestone slabs shall be stocked at designated location to be utilized for blending purpose in cement industry.
  - Low grade mineral shall be stockpiled to be utilized after beneficiation for consumption in mineral based industry.
  - Extending training in design and making of artifacts, monuments etc. from Granite quarry waste by TS Handicrafts Development Corporation.
  - Area covered by abandoned quarry pits to be reclaimed with cellar excavation, demolition waste or can be utilized for development activities like water resources tanks, amusement/landscape parks with boating facility, subsurface hotels etc. depending on the extent.
  - M/s SCC Ltd. is implementing waste management plan by utilizing overburden for stowing purpose duly separating clay.

##### State Sand Mining Policy:

- The State Sand Mining Policy is regarded as 'Model Policy' in the country. Many States visited Telangana for study and adoption. The Central Govt. too issued comprehensive Sand Mining Guidelines duly basing the State Sand Mining Policy.
- To reduce the impact of sand mining on rivers and protection of ground water, as an alternative to river sand, the State promotes M-Sand (manufactured sand) by including the activity under Industrial Promotion Policy. The State Govt. mandated all Govt.

Engineering Depts. to use 50% of M-Sand in all works. Presently, there are (74) M-Sand Units including ancillary units in & around Hyderabad but still vast scope for establishment of M-Sand units.

##### DGPS Survey:

- As per the G.O.Ms.No.77, Ind. & Com. (M.I) Dept., dated 19.03.2016 and G.O.Ms.No.37, Ind. & Com. (M.I) Dept., dated 19.06.2016 the Dept. Empanelled (8) agencies for conducting DGPS survey for preparation of geo-referenced maps for the existing leases and proposed mineral blocks for exploration in the State.
- The filed exercise of DGPS survey completed for all mining/quarry leases and reports from the empanelled agencies are awaited.
- The Geo-referenced cadastral maps will be useful for effective monitoring and regulation of leases in the State under Mining Surveillance System.

##### Drone-based Survey:

- The Dept. with the assistance from the ITE&C proposed to empanel the agencies to carry out Drone-based Survey for quantity and extent analysis of the mineral excavated under Mining Surveillance System for effective monitoring and regulation of leases in the State.
- The Technical Evaluation Committee scrutinized and found (18) out of (20) EoI applications eligible for Proof of Concept (PoC) to be conducted in an opened mining pit for quantification and extent analysis.
- The PoC was conducted from 12th March to 15th March, 2019.
- Based on the results of PoC the services of empanelled agencies will be utilized for periodic verification with regards to extent analysis and quantification of mineral extracted.

##### Vision Document-2050 for Mineral Sector:

- It was contemplated to prepare Vision Document-2050 on the growth of Mineral Sector with assessment, demand and supply scenario analysis over next 10 to 15 years vision and goals.
- The Dept. with the assistance of ITE&C has taken-up the initiative and the project is under pipeline.



Telangana State Mineral Development Corporation Ltd, is a fully State Owned Undertaking of the Government of Telangana and an ISO 9001:2015 organization incorporated with following objectives :

- Development of mineral resources including exploration;
- Exploitation, and beneficiation of mineral resources;
- Development of mineral industries with private participation; and
- Identification of best technology and investment for development of mineral resources.

TSMDC was declared as National Exploration Agency (NEA) by Ministry of Mines on 5th January 2016

#### Corporation's Present Operations:

The Corporation is presently engaged in the following activities:

- Management of 38 sand reaches.
- Limestone mine in Devapur over an extent of 210 Ha in Mancherial District. Corporation awarded raising-cum-self consumption contract to M/s.Orient Cements Ltd.
- Black Granite quarry lease area over an extent of 9.90 Ha Granite in Suryapet District Raising cum sale contract basis.

#### Exploration Projects of National Mineral Exploration Trust (NMET)

- G-4 Level Limestone Investigation in Jeteya, Burubota and Dumurjowa area of West Singhbhum district, Jharkhand covering an area of 100 Sq. Km.
- G-4 Level Limestone Investigation in Gupteswar, Koraput District, Odisha.
- G-4 stage exploration for copper in Mailaram Copper Block in Bhadrachali Kothagudem District, Telangana.
- G-4 stage exploration in eight Limestone clusters in Palnadu and Bheema basin in Suryapet, Nalgonda and Vikarabad Districts, Telangana covering an area of 247 Sq.Km and with an estimated cost of Rs. 2976.87 lakhs.



#### Sand Mining in the State :

The New Sand Mining Policy of the State of Telangana announced vide G.O.Ms.38, Industries and Commerce (Mines-I) Dtd.12-12-2014 and the Telangana State Sand Mining Rules 2015 issued vide G.O.Ms.No.3, Industries and Commerce (Mines-I) Dtd.08-01-2015 are first of its kind and are unparalleled in Pan India.

The extraction and Sale of Minor Mineral Sand entrusted with Telangana State Mineral Development Corporation an ISO 9001:2015 organization has earned huge revenue to the State Government.

In the financial year 2018-19 till December, Sand sales have been conducted from 38 De-siltation areas; 19 Sand bearing areas and 28 patta lands and 3 sub stockyards.

The Objectives and Salient features of New Sand Mining Policy are as below:

#### Objectives of New Sand Policy

- To make sand available in sufficient quantity and at affordable price to consumer.
- Curtailing overloading of sand and damages to Roads.
- To check over-speeding of Sand Trucks, curtail accidents and loss of life and grievous injuries.
- To curtail illegal activities that are happening around sand excavation and sale.

#### Salient Features of New Sand Policy:

- Source of sand:
  - Rivers and Streams i.e., specified sand bearing areas
  - De-silting of Reservoirs i.e., open excavation and dredging operations
  - De-casting of Patta Lands.
  - Promote manufactured sand from boulders as an alternative to river sand.
- 1st, 2nd & notified 3rd order Streams are left to local bodies for extraction and disposal of sand to meet the local and domestic needs and small value Govt. works with District as a unit as per the decision of District Administration.
- 4th & above order streams, Sand excavation and sales are through TSMDC.
- Sand excavation is strictly in accordance with prevailing WALT Rules and after obtaining approved mining plan and statutory Environmental Clearances.
- Sand excavation will be subjected to strict periodical scrutiny by concerned departments as per TSSMR 2015.
- Necessary permissions will be granted by concerned DLSC to TSMDC for sand excavation and sales.

- Well Equipped Stockyards established and managed by TSMDC with Electronic Surveillance and Electronic Documentation linked to Central Documentation Monitoring Facility.
- Sand mining in Agency area is in accordance with PESA rules.
- De-casting of sand in Patta land is done through TSMDC to make them viable for Agricultural use. TSMDC will release beneficiary amount to concerned pattadar directly as per G.O.Ms.No.3 & 54.
- Sand is made available free of cost for Government projects like ZBHK and Irrigation.
- Transparency and accountability through online sand bookings and sales management.

#### TSMDC Achievements from New Sand Policy

- With full scale implementation of New Sand Policy, TSMDC able to supply 95% of natural sand requirement.
- To greater extent Sand price is stabilized in the Telangana State.
- Government is receiving substantial revenue through GST, Royalty/ Privilege fee, Service Tax, Road Damage Fee and FDS.
- District Administration and Gram Panchayat will get considerable revenue to take up development and vigilance activities (Revenue).
- Illegal mining and over exploitation of river beds for sand has been reduced.
- Overloading and damages to the roads has come down.
- Accidents have dropped drastically as night transportation is stopped.
- Consumer is getting Sand at reasonable Price.

#### The year wise Sand quantity excavated and revenue

Sl. No.	Year	Quantity (in CBM)	Revenue (Rs. in Crores)
1.	2014 – 15	182539	19.12
2.	2015 – 16	6593574	374.98
3.	2016 – 17	7554880	456.46
4.	2017 – 18	10894778	678.35
5.	2018 – 19	13892323	886.42

#### Revenue earned by TSMDC :

S.NO	YEAR	TOTAL (Rs. in Crores)
1	2014-15	22.79
2	2015-16	377.9
3	2016-17	459.38
4	2017-18	686.12
5	2018-19	895.32
	Total	2441.51

#### Projects in Pipeline

TSMDC is formulating a "Business plan for Granite areas in Telangana State". In the first instance six mine lease areas are identified at different locations for Quarry Lease application as per the techno-commercial viability assessment :

Sl. No.	Village/ Lease Name	Area (in Ha)	Color	Blockable (Annex (sqm))	Land Type
1.	Vanthadupalle	11.06	White	5,000	Government
2.	Tallapurapalle	35.94	Black	4,000	Forest
3.	Imagurthy	9.06	Black	8,000	Forest
4.	Nachikonda	18.66	Tan Brown	8,000	Forest
5.	Kothaghattu	157	Magie Red	6,400	Government
6.	Kothaghattu	699	Magie Red	5,000	Government
	Total	93.28	Color	36,400	

Based on the market assessment it is understood that the Granite demand will remain intact due to stable export and growing domestic demand, hence TSMDC has decided to enter into Granite business leveraging the existing marketing channels in AP, Telangana region.

In order to ensure stable sales and incentivize the participation of Granite developers, TSMDC to work out the exclusive contracts for supply of cobbles and stone chips for road construction in Karimnagar and nearby regions and evaluate marble deposits. Evaluation of Marble Deposits around Yellandu area of Bhadrachalam & Khammam Districts of Telangana State.

Road metal units: Proposed at Khanamet, Bandaravirala and Yacharam.

Manganese: I&C Dept., Government of Telangana recommended to the Ministry of Mines, Government of India for reservation of Manganese ore deposit over an extent of Acres 120.61 Gts at Pimperkunta Village, Bheempur Mandal, Adilabad District in favour of TSMDC for mining of the Manganese ore deposit to augment the production as well as revenue to the State Exchequer.





Aerospace and Defence sector in Telangana has seen remarkable growth during 2018-19, with major investments being committed by Global Original equipment manufacturers (OEMs) and Indian Private sector defence majors. Hyderabad is today the only ecosystem in the world where all major OEMs of US, UK, French, Swiss and Israeli origin coexist and manufacture from the same cluster.

This year French Aerospace major, SAFRAN initiated their manufacturing from Hyderabad. Their first unit-SAFRAN Helicopter wire harness facility has commenced commercial production. Encouraged by the strong manufacturing ecosystem, Skill base and support from the State Government, SAFRAN Global CEO visited Hyderabad in February and announced their second project - a prestigious 40 Mill Euro Aero Engine manufacturing plant to be established in Hyderabad.

Indian Defence major Adani Group has also established their new Aerospace park in Hyderabad. Their first unit-ADANI EBIT UAV manufacturing plant has already commenced operations in record time. Adani has now establishing a Centre of Excellence in Composites and have announced plans to bring multiple defence manufacturing programmes in Hyderabad.

Kalyani Rafael Advanced Systems Pvt. Ltd. (KRAS) had

established a new production line this year for the integration and testing of Spice missiles from Hyderabad. Kalyani Group has chosen Hyderabad to establish their Centre of Excellence in Radio Frequency and Microwave Engineering.

Telangana has now become a strong hub for Aerospace skilling. Hyderabad hosts the only engine training Centres in India for both Pratt and Whitney and CFM Engines. The State has reputed Flying schools and AME schools. Advanced certification programmes in Aerospace and Defence is now offered in Hyderabad by Global Universities such as Cranfield University, UK, Embry Riddle Aeronautical University, US and Aerocampus Aquitaine, France. The new hires of SAFRAN factory were selected and hired at Telangana academy of skill and Knowledge (TASK)

As the leading State in Aerospace and Defence industry, Telangana government has been invited to address at various national forums such as DEFEXPO 2018, Chennai, Aero India 2019, Bangalore, ISRO- Bangalore Space Expo, Civil Aviation flagship events -WINGS 2019, New Delhi and Global Aviation summit, Mumbai, Aero Def 2019, Hyderabad, Keuhne Nagal Aerospace, and Defence Summit, Bangalore, HAL- SIATI Electronics and Electricals (Aerospace and Defence) Summit Hyderabad etc.



*Inauguration of Adani Aerospace park and Adani EBIT UAV Project*



*Meeting with Mr Philippe Petitcolin, SAFRAN Group CEO*





*Sri Jayesh Ranjan IAS, Principal Secretary at Aero India 2019*



*Inauguration of Kalyani Rajal CDM for RG and Microwave*



*IMA SATI Aerospace and Defence Electrical and Electronics Summit*



*Wings 2019- Ministry of Civil Aviation event, New Delhi*



*Bangalore Space Expo 2018*



*AeroDef 2019 Hyderabad*



*CII Defence Conclave 2018, Hyderabad*



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

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



## Role of TSTPC

### Trade Promotion :

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

### Logistic Infrastructure :

- Container Freight Station is established at a cost of Rs. 13.00 Cr. in an area of 7.10 Acres to be



operationalized by selecting an O&M Operator through open tender process in 2-3 months.

- Proposed for establishment of Trade Fair Complex in Warangal. 30 acres of land is identified and proposals for allotment of land is under consideration of the Dist. Collector.
- The corporation has engaged M/s Grant Thornton Consultants for preparation of DPRs and sourcing funds from TIEs scheme of Ministry of Commerce, Govt. of India for the following projects:
  - Establishment of Hyderabad Trade Centre
  - Establishment of Warangal Trade Fair Complex
  - Irradiation plant, Pack houses, PQ labs, Vapour heat treatment plants etc.



### Paper Products Manufacture :

- Manufacturing and selling Golkonda brand student notebooks, plain copier paper, student dairies, scribbling pads and calendars to supply to Government Departments and open market.
- The Corporation has achieved a turnover of Rs. 53.00 crores during the financial year 2018-19 in supply of Golkonda Note books, plain copier paper, student dairies, calendars, etc to Government welfare departments and open market.



Logistics is an important part of the business-economic system and is a major global economic activity. It encompasses activities like freight transportation, warehousing, material handling, protective packaging, inventory control, order processing, marketing, forecasting and customer service. The developments of state-of-the-art IT in recent years have further had remarkable implications for the logistics industry enabling E-commerce, availability of E-market place for transportation and improving efficiency of the industry. The state government has proactively understood the importance of Logistics in attracting Manufacturing investments in the state. A separate logistics department has been created to engage with the sector and take various initiatives to improve the logistics efficiency of the state.

A highlight of the initiatives taken by logistics department during 2018-2019 is as below:

#### Policy Actions:

- **Nodal Agency:** A separate logistics department headed by Director Logistics has been created to act as a nodal agency for the state.
- **Incentive Policy:** Logistics sector is one of 14 key thrust sectors for the state. To facilitate creation of logistics infrastructure across the state, a Draft Logistics Policy has been formulated in consultation with industry stakeholders and submitted to government for approval.

#### Events & Seminars



Principal Secretary (I&C) during Workshop on Business Opportunities with UN



Principal Secretary (I&C) with Krishnapatnam Team during Smart Logistics Summit 2018 in Hyderabad

#### Infrastructure Creation:

- **Multi Modal Logistics Park (MMLP):** MMLP is a critical infrastructure that State government has announced its decision to create a Multi Modal logistics park near Hyderabad.
- **Trade Infrastructure Enhancement Scheme (TIES):** Central Government has come up with an incentive scheme to support development of trade related infrastructure. The three projects identified are: Establishment of Integrated Testing facilities, Trade center in Hyderabad and Warangal. Efforts are being made to identify more projects to be taken under the scheme.

#### Export Facilitation Study:

Exports is one of the key indicators of competitiveness of economy of the state vis-à-vis global as well as Domestic. Telangana has huge potential to enhance its export in sectors such as Agriculture, Textile, Minerals, Handicrafts, Gems & Jewellery etc.

To identify the issues, two studies have been initiated in association with Federation of Indian Export Organisation (FIEO):

- Identification of Logistic issues in Export from Telangana (Draft Prepared)
- Identification of enablers to enhance Export from Telangana (Kick off meeting completed)



Principal Secretary (I&C) during Logistics Industry Stakeholder consultation



Director Logistics representing Telangana State in LogIX 2019

## Vision

To establish Telangana as a go-to destination for greenfield investments by Indian and global Automotive manufacturers in traditional as well as advance Mobility solutions.

## Strategic Synergy

Year 2018-19 was a year of establishing a long-term perspective for the Automotive Industry in the State, identifying the critical ecosystem attributes for a global automotive hub development and define a strategy around the same.

With a strong connect established with the leading Indian and global Automotive players, the strategy was built upon valuable inputs from the industry through effective two-way communication. Various collaborative activities were taken up with the leading industry bodies such as CII, FICCI and ASSOCHAM to facilitate the dialogue with the Industry.

Some key initiatives were identified to address the ecosystem requirements and strategic partnership with global Automotive players were established to develop an implementation plan for the same. A benchmarking study of global automotive vehicle technology facilities is currently under process as a part of these initiatives.

Year 2018-19 also witnessed the emergence of Telangana as a leading player in Electric Vehicle adoption. Various fleet operators, in partnership with

Vehicle suppliers chose Telangana as their initial test markets, attributing to the customer profile and strong urban transportation demand. Electric Vehicle ecosystem development saw unprecedented response from the industry on both the demand and supply side, particularly the charging infrastructure.

The year also saw an unprecedented recognition by Business Media for the State progressive policy initiatives to attract traditional and advance mobility investments. Telangana was unanimously recognised as a frontrunner among all Indian states for an innovative draft EV policy by the media and various global think tanks.

## Sustainable Automotive Technology Focus

Telangana state is currently seen as one of the fastest emerging ecosystems for Electric Vehicle adoptions. Having taken the lead in rolling out key policy initiatives, the response from the EV ecosystem players has put Telangana as the most vibrant EV ecosystem in the country, with matching action on both supply and demand side. Large scale events on the topic by ASSOCHAM and Toyota Mobility Foundation- WRI also complimented the states focus on sustainable urban mobility using Electric Vehicles.

The government policy outlook for the sector was enforced further by the draft EV policy for the state, which has been hailed as one of the most comprehensive



Meeting between Govt of Telangana and WRI regarding STAMP Challenge 2018 on June 25, 2018 at NHRI Bhawan



Mr. Jayesh Ranjan, Principal Secretary of the Industries & Commerce (I&C) and Information Technology (IT) Departments of the Telangana Government, the Guest of Honour, at the launch of the STAMP Challenge 2018

EV policies in the domestic landscape. The draft EV policy is currently under review in view of the recently published FAME II policy by Government of India and will be soon released as a final document.

#### Global Interest

Telangana state received various expression of interest from the leading Automotive players from India and overseas as well as some global start-ups for their India plans. Particular interest was seen from Technology players which also culminated in one of the biggest Automotive technology sector proposals in the state from a Korean Auto Component manufacturer. Some of the startups with their base in Silicon Valley also submitted proposal for setting up their technology/manufacturing base in the state, in view of the government policies as well as skill supply in the state.

#### Automotive Technology Hub

Hyderabad attracted huge interest from the Automotive Technology Players in this year, particularly with companies working on Emerging technologies such as Connected and Autonomous vehicles. With an excellent engineering skill supply base and a strong IT and ITES policy in place, the interest has moved to advance discussions with various leading players. Smart Mobility Technology Cluster, one of the key initiatives by the Government in establishing Telangana as an epicentre of emerging automotive technologies in India moved ahead to Benchmarking and Blueprint discussion stage, involving global test track consultant and technology firms.

#### Highlights 2018-19

- Olectra Greentech finalized a proposal of setting up an Electric Bus Manufacturing unit with an investment of INR 1000 Cr with a direct employment potential of 4600 people.
- Gayam Motor Works submitted a proposal to set up a Electric Three Wheeler plant with an investment outlay of INR 260 Cr.
- Hyundai Mobis submitted a proposal to expand its technology center activity in Hyderabad with an employment potential of 2500 engineers.
- APAZ radiators submitted a proposal for setting up an Aluminum radiator manufacturing and assembly unit with a direct and indirect employment potential of 500 people.
- Varcas automotive Pvt Ltd submitted a proposal for setting up of a Electric two-wheelers plant.

#### Electric Mobility Mission highlights 2018-19

- Hyderabad was recognised by Niti Aayog and Rocky Mountain Institute, USA, as one of the 6 lighthouse cities in India, for implementation of various Electric Vehicle pilot projects.
- Hyderabad was selected as one out of nine cities for Government of India's Electric Bus Pilot Project under FAME scheme. The Buses are successfully deployed on select routes in Hyderabad and is currently the single largest Electric Bus fleet in any Indian City.
- Uber launched its Electric Car fleet in Hyderabad, in partnership with Mahindra Electric.
- Zoomcar initiated a switch of its vehicle fleet in Hyderabad towards electric, with an initial count of 40 Electric Cars.
- IKEA store in Hyderabad deployed Electric three wheeled delivery vehicles for last mile delivery of its products.
- Some large IT companies such as WIPRO and Cognizant have already started the shift to EV in their employee commute fleet in Hyderabad.
- Telangana State Electricity Regulatory Commission has created a special Power Tariff category for Electric Vehicle Charging Stations.
- Hyderabad is host to the largest Public DC fast charging network at present in India, operated by FORTUM charge and drive.

The Sugar Department is working with the main objective of increasing sugarcane cultivation, production of Sugar, Ethanol & by products to meet the State & Central requirements of Sugar, Ethanol for Pharmaceuticals, IMFL (Liquor) and blending of Ethanol in Petrol there by strengthen the sugarcane farming community, generation of rural employment through farm labour, transporters and also in sugar & ancillary industries contributing towards strengthening of rural economy.

## Activities & achievements during the year 2018-19:

There are eleven (11) sugar mills located in different district. Out of which seven (7) sugar mills are functioning under private sector and remaining four are defunct. The installed capacity of the eleven sugar factories is 34,450 Tons Crushing per Day (TCD) & Minimum sugarcane required is 50.00 Lakh MTs in 130 days crushing & other purposes. The state-sugar mills have co-gen capacity of 129 MW & Distillery capacity of 260 KLPD. The working seven sugar mills have potential of 3.25 Lakh MTs of sugar production as against the state requirement of 6.51 Lakh MTs of sugar (based on the per capita consumption @18.50 kg as per (NFSFI) National Federation of Sugar Factories).

## The performance of the Sugar Industry in Telangana :

S.No.	Crushing Season	Area (Ha.)	Cane-Crushed (Lakh MTs)	Sugar Production (Lakh MTs)	No. of Farmers
1	2014-15	48394	30.64	8.20	46380
2	2015-16	43123	25.56	2.76	36326
3	2016-17	29340	11.10	1.18	24289
4	2017-18	35400	24.90	2.80	31543
5	2018-19	39840	24.14	2.57	32572
Average of five years		39213	23.28	2.498	34222

## Developmental Programmes by Government :

### State Government Programmes:

- Purchase Tax Incentive :** The Government, as a policy decision has passed on the entire amount of Purchase Tax as an incentive to cane suppliers @ Rs. 60/- per MT to encourage cane cultivation to cane suppliers up to 2015-16 and the incentive amounts disbursed under DBT mode during 2016-17 crushing season, from 2017-18 onwards due to Subsuming of Purchase Tax in GST, the passing of Purchase Tax as incentive has been stopped.

- Normal State Plan Scheme :** The State Government for the 1st time in the history of sugar department has distributed (513) sugarcane specialized farm machinery such as Mechanical sugarcane harvesters, Mini tractors, Rotavators etc., to 550 beneficiaries with an amount of Rs.9.60 Crores Under Normal State Plan Scheme, to mitigate & overcome the problems of labour shortage & high labour cost.

## Sugarcane specialized farm Machinery distributed under the Normal State Plan Scheme

S.No.	Year	Amount sanctioned & released	Amount utilized (in lakh Rs.)	Physical achievement (in units)	No. of Cane grower beneficiaries
1	2014-15	800.00	568.78	450	480
2	2015-16	400.00	391.39	63	70
Total		1200.00	960.17	513	550

- Assistance to the Joint Venture NDSP Cane Suppliers:** The State Government has provided an assistance of Rs.38.76 Crores and cleared cane price dues of NDSP cane suppliers on par with the Private Sugar factories during 2014-15 crushing season, through purchase of sugar under PDS. Further, the State Government has extended an amount of Rs.2.94 Crores as transportation charges for the diverted sugarcane of 1.72 Lakh MTs from the laid off joint venture NDSP zones to neighbouring sugar factories benefiting 2983 number of NDSP cane farmers for 2015-16 crushing season.

S.No.	Year	Assistance provided / Amount sanctioned by State Government (in Crores)	Amount Utilized (in Crores)	Quantity of cane supplied (in lakh MTs)	No. of Cane grower beneficiaries
1	2014-15	38.76	38.76 (amounts released to cane grower)	9.21	9644
2	2015-16	2.94	2.94 (amounts released to cane grower)	1.72	2983

- Developmental activities through the Cane Development Councils :**

The Cane Development Councils (CDC) consisting of Government nominated Chairperson & four members with Ex-Officio Secretary (Assistant Cane Commissioner concerned) in each factory zone are



taking up developmental activities in the factory zone with fund contribution @ Rs 4/- each per MT of cane crushed from Cane suppliers & Sugar factories amounting to a total Rs. 1.50 to 2.00 Crores per annum in the state and benefiting about 35000 cane farmers of the state.

#### Central Government Programmes:

- **Sugar Development Fund (SDF)**
- **Loans:** For clearance of cane price dues to farmers, the Government of India sanctions different types of loans with reduced rate of interest under SEFASU Loans to the Sugar Factories in Telangana.
- **Ethanol Blending Programme:** Allotting targets for supply of Ethanol to the OMC depots.

#### Welfare activities being taken up by the Sugar industry with the intervention of the Sugar Department:

The sugar factories with the departmental intervention are providing awareness programmes on innovative sugarcane cultivation practices through Study tours & field visits to sugarcane farmers, arranging crop loans & Bank guarantee to the farmers, providing subsidized seed & fertilizers, extending additional price @ Rs. 200/- to 300/- per MT of cane over & above the Fair & Remunerative Price declared by Government of India.

Different types of Sugarcane specialized farm implements distributed during 2014-15 & 2015-16 Financial Year

**Harvesters:** The harvesting of sugarcane requires skilled labour, but due to the labour scarcity sugarcane cultivation became more expensive. Sugarcane harvesters help to substitute on an average 100 manual labour per day, thereby reducing the cost and labour requirement.



**Mini tractor with Rotavator:** The most important sugarcane specific farm machinery and not provided so far by any of the scheme that is being continuously used for wide range of tasks in sugarcane cultivation like inter cultivation, field preparation etc.



**Trash Shredder** Sugarcane trash shredder in harvested cane fields helps in chopping and even distribution, that facilitates easy decomposition and helps in water retention, weed control, enriching of soil with organic matter with mineral thereby improving the texture & structure of the soil for better growth of the sugarcane.

## Vision:

Establishment of at least one major food processing unit in every non-urban constituency in Telangana.

## Objectives:

- Empower farmers and increase farmer income
- Prevent wastage of perishable food products
- Ensure availability of unadulterated, high quality food products
- Increase job creation in the rural areas

Food processing emerged as a major sector in Telangana with creation of infrastructure, private investments and multiple inter-departmental initiatives across the state to encourage community level food processing enterprises and value addition activities. Hon'ble Chief Minister directed the Industries department to work in coordination with the Agriculture department, Horticulture department, Rural Development department, TS-SERP, Agriculture University and various other state government and central government institutions to create an ecosystem for food processing industries to flourish across the state to add value to the increased agriculture & livestock production powered by irrigation projects and various farmer friendly policies. Moreover, food processing department was directed to ensure that food processing activities work to support creation of various crop colonies premised on scientific viability, ecological sustainability and market linkages to ensure long term creation of value and remunerative prices to farmers.



Hon'ble Chief Minister chaired action plan meeting on food processing. Agriculture department, Industries department, Agriculture University, TS-SERP, APEDA, Spices Board and various other state and government agencies attended the meeting in presence of senior state government officials and eminent subject matter experts.

## Key highlights during 2018-19 for food processing sector are:

- Creation of 16 designated food parks across the state. The parks provide allotable area of approx. 4,000 acres for new food processing industries to be

set up. Manufacturing units coming up at these designated food parks can avail subsidy of 35% upto 5 crores from Ministry of Food Processing Industries, Government of Telangana.

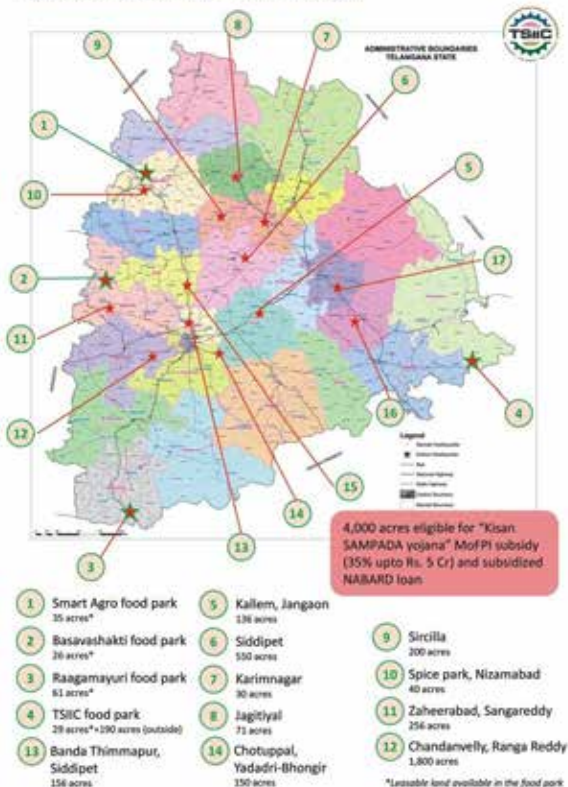
- Commencement of operations at seven integrated cold chain projects and one mega food park with total fixed capital investments of more than 300 crores adding to substantial capacity for processing, storing and transportation of perishables in the state
- Entry of major Indian and Global brands to manufacture in Telangana along with expansion of multiple food processing enterprises across the state.
- Establishment of a platform to provide market linkages for small farmers across the state with large food processing and retail companies in collaboration with TS-SERP, Agriculture department and Agriculture University. Various pilot projects for contract farming, collective procurement and private label food processing initiated using the platform
- 37 pilots identified across the state for community level enterprises for food processing and value addition that will be linked to larger food processing industries and retail chains.



Meetings and MoU with renowned French company Georges Minin SAS for setting up of their South East Asia manufacturing base in Telangana.



## Designated food parks and mega food parks in Telangana



## Focus sectors in food processing



Chocolates,  
biscuits & confectionery



Meat processing



Fruits & Vegetables  
processing



Edible oils  
Cotton seed oil, rice bran oil,  
soyabean, groundnut, oilpalm



Juices



Fresh water fish processing



Ready to eat foods



Animal feed



Spices

Major food processing projects in Telangana under implementation  
(worth Rs. 2,000 Crore capital investment )





## IKEA Store Launch, Hyderabad

Global giant IKEA opened its first store in India in Hyderabad in August 2018. The store features 7,500 affordable furnishing products, a restaurant and a playground for kids. Shri K T Rama Rao, I&C Minister along with Klas Molin, Ambassador, Sweden, Jesper Brodin, CEO, IKEA Group and Peter Betzel, CEO, IKEA India formally inaugurated the store.



## Danube Home Store launch, Hyderabad

Dubai headquartered Danube Home, part of the Danube Group, launched its first store in India in Hyderabad in Nov 2018. Danube Home, which sources products from over 20 countries including the US, Spain, Italy, Turkey and Malaysia, among others, proposes to offer over 30,000 affordable home furnishing products under one roof.



## Walmart Store launch, Karimnagar

Walmart India opened a B2B Cash and Carry store in Karimnagar in March 2019, making it the second in Telangana. This store has been launched after Walmart India became a fully-owned subsidiary of the global retail giant Walmart Inc. Under an MoU inked with Telangana, Walmart is to open seven new stores in the state.



## Retail Sector

- Lifestyle International plans to expand to a tune of Rs. 600 - 750 crores
- Heera Group engaged in textiles, jewellery, food and trading, inaugurated its Central Command Center in Hyderabad.
- OYO has set up first technology centre in Hyderabad.
- CaratLane Jeweller has established its base in Hyderabad.
- KLCP Healthy Foods will invest Rs. 7.5 crore in its food delivery solution Quirios EAZY to expand its operations.
- Kama Ayurveda an Ayurveda - based beauty and wellness products' company entered into Hyderabad.
- Indiasatz India's foremost real estate wealth management advisory start-up plans to start operations in Hyderabad.
- Cure Fit the health - tech and fitness startup announced the launch of its centres in Hyderabad.



## TS-GlobalLinker SME Portal Launch

Telangana Government in partnership with GlobalLinker, a unique SMB enablement ecosystem, launched a digital networking platform called 'Telangana State GlobalLinker'. The platform will digitize and connect over 2.3 million SMBs in Telangana to a global community of small and large businesses. GlobalLinker has alliances with leading corporates such as ICICI Bank, Jet Airways as well as industry bodies like Bombay Industry Association and FIEO.

Telangana State GlobalLinker, will allow SMBs to create a digital profile for their business, connect with other global SMBs, enable them to find buyers and suppliers, gain visibility and receive up-to-date industry trends and news. Members will also enjoy exclusive offers on travel, legal services and loans, offered by both corporates and fellow SMBs. SMBs on 'Telangana State GlobalLinker' will also be able to create eBiz cards to share with other members and a digital catalogue of their products and services. An assisted e-commerce store creator will help SMBs to expand their sales opportunities, manage inventory, payment gateways and logistics. The platform also provides several digital tools such as a business calendar and an eBriefcase for SMBs to store and share documents.



## MSME Day- 27th June 2018

In order to recognize the importance of micro, small and medium-sized enterprises (MSMEs) in achieving the new global development goals, the United Nations General Assembly has designated 27th June as International Day for MSMEs. NIMSME being the premier institute in the field of MSME training and promotion organized the event in collaboration with I&C Dept., Govt. of Telangana. The chief guest for this event was Mr. Jayesh Ranjan, Principal Secretary, I&C Dept. Focus of this event was on Promotion of Women Entrepreneurship. Inaugural session was followed by a technical session by govt. and bank officials. This was followed by a panel discussion by eminent women on "Women, Entrepreneurship & Innovation".



Mr. Jayesh Ranjan lighting the lamp along with NI-MSME Director Mr. Sanjeev Chaturvedi

## Telangana MSME Expo-2018 & Curtain Raiser

Chalk Talk conducted the Curtain Raiser for Telangana MSME Expo 2018 on 14th Sept at NI-MSME and the main expo from 12th-14th October in Hyderabad. The 2-day event acted as a forum for buyers-sellers, knowledge-sharing, networking, exploring business opportunities, signing cooperation agreements and setting policy agenda for meeting some of the global challenges. Ms. Reema Garg, Director, Chalk Talk explained that the expo aimed at spreading awareness about Government's promotional schemes, to encourage entrepreneurship and transform job seekers into job creators.



Telangana Industrial Health Clinic Ltd. (TIHCL), a year-old innovative initiative of Government of Telangana has started its journey towards building a complete ecosystem for manufacturing Micro and Small Enterprises (MSEs) in the State. TIHCL which started its operations offering a few services and products is slowly expanding its products. The Company which is offering Revival and Rehabilitation, Credit Margin Facilitation, and equity participation for units in Clusters found that further additions are required to provide optimal one-stop solutions to units which knock its doors. Currently they are developing and launching shortly the following products:

- Power Reconnection Assistance Scheme (TI- PRAS) for the units which are facing stress owing to piled up power dues.
- Stressed Asset Finance (SAF) for units which have potential, but do not get from the current lender.
- Critical Amount Finance (CAF) for stressed and sick units.

#### Major accomplishments during the first year of operations

- TIHCL entered an MOU with Indian Chamber of Commerce (ICC) at Bio Asia 2019 pre-launch event held in Hyderabad, for the development of MSE units in Telangana State. The MOU covers.
  - TIHCL & ICC will jointly work for identifying and handholding incipient sick and sick MSEs
  - TIHCL will be joining the ICC in the promotional and awareness conference held once in two months.
  - ICC will work with the PSU vendor based to prevent sickness in and revival of incipient sick MSEs.
- TIHCL designed and conducted a "Digital Accountants Programme" to empower commerce undergraduates with accounting tools, ERP solutions and GST regulations and filings in a six days programme. The trained Digital accountants can provide cost-effective account-solutions to Micro and small industries, which struggle to file statutory and other returns and maintenance of books of accounts. This will also provide them a self-employment opportunity.
- TIHCL has taken up aggressive promotional activities in order to penetrate into MSE market. They are in the process of establishing good relations with all Industrial Association in Hyderabad, DICs, Banks.



- In respect of revival of 18 sick units in Siricilla Textile Park, Baddenapalli, Siricilla, TIHCL is preparing the project for re-financing the working capital needs of the restructured accounts.
- In their research on clusters, TIHCL has identified potential Brass clusters in Viratnagar, Nalgonda district. TIHCL held meetings with several institutes like NI-MSME, NSIC, KVIC and MSME-DI for facilitations and guidelines in cluster development.

#### TIHCL's one-year impact analysis in supporting MSEs:

Units revived	41 units
Units in the process of revival	13 units
Quantum of Machineries and Assets put to use	₹ 77.04 Crores
Employment reinstated	895 Persons

- TIHCL is in discussions with the Managing Director, Telangana State Leather Industries Development Corporation for the revival of 2 Leather Industry Parks and for strategic partnership with 2 leather Industry Clusters at Armoor and Koonur.







Research and Innovation Circle of Hyderabad (RICH), a one-of-its-kind initiative of the Telangana State government in India, facilitates the process of taking research to market. RICH endeavours to foster greater collaboration between industry, entrepreneurs, startups and academic/research institutions for an effective innovation ecosystem.

## Highlights of FY 2018-19:

### Strategic Partnerships:

- **AGNI (Accelerating Growth of New India's Innovations):** RICH entered into a partnership with AGNI wherein RICH will be the Knowledge Partner for implementing and scaling the RICH model at national level.
- **CRIKC (Chandigarh Region Innovation and Knowledge Cluster):** RICH conducted knowledge sharing sessions with the Punjab Government officials for helping them set up and promote innovation ecosystem in their State based on the RICH model.
- **Agrinnovate:** RICH entered into a collaboration with Agrinnovate, an endeavour of the Indian Council of Agricultural Research (ICAR) for commercialising technologies in the National Agricultural Research System.
- **NABCONS (NABARD Consultancy Services):** RICH extended technical services to NABCONS for conducting a large-scale crop suitability study of about 4500 hectares for crop cultivation in Mozambique.
- **NRDC (National Research Development Corporation):** RICH signed an MoU with NRDC for partnership in the areas of technology transfer, mentoring, regulatory assistance, skill development and training programs.

### International Collaborations:

- **India Rwanda Innovation Growth Program (IRIGP):** Mentoring support services to eight agro companies to start their operations in Rwanda under IRIGP in partnership with FICCI.
- **Northern Health Science Alliance (NHSA):** Partnership with NHSA UK for their CHSA (Commonwealth Health Innovation Services Alliance) initiative, which supports innovative healthcare products across Commonwealth.
- **NIHR (National Institute of Health Research) and DIT (Department of International Trade):** Partnership for sharing the health system learnings between India

and UK, and collaborating on national programs of common interest to both nations in the areas of personalized medicine, antimicrobial resistance, cancer and diagnostics.

- **ScanBalt:** Collaboration with ScanBalt, Northern Europe's leading Accelerator for exchange of knowledge and expertise in the digital health space.
- **Swecare:** Partnership with Swecare, the Swedish platform which works towards enhanced export and internationalization of Swedish healthcare and lifesciences for potential partnership.

### Corporate Collaborations and Startup Advisory Services:

During the year RICH assisted 21 agro, 20 lifesciences, and 16 aerospace and defence startups for various requirements. Most of the startups were in the Proof-of-Concept phase and were looking for increased market access. These interventions led to three pilots commissioned by corporate players.

The business alliances facilitated by RICH for four agro companies have led to record growth for the companies. For instance, the business partnership between Bio Prime Agri Solutions and Delta Agri genetics has helped Bio Prime to increase its turnover from INR 10 lakhs to INR 1.25 crores. This intervention by RICH has also led to introduction of nano fertilisers and nano pesticides in Telangana and eight other states. Similarly, RICH facilitated multiple partnerships between input companies and the farmers online input platform - KHETHINEXT. During the first year of its operation, KHETHINEXT has recorded a turnover of INR 1.15 crores and is planning to grow into a national platform.

The lifesciences sector interventions by RICH included introduction to government hospitals, not-for-profit organizations, incubators and international partners. These interventions have led to opening up of channels for the startups for conducting pilot and validation studies, and possibilities of setting up new facilities. RICH also provided funding of INR 2 lakhs to six startups as part of corporate sponsorship at its Cancer Innovation Challenge event.

RICH has initiated engagements with Carlsberg India Pvt. Ltd. and E.I. DuPont Ltd. RICH is also working with a global aerospace major on supporting its training programs. RICH forged a partnership with Dow DuPont to help agritech start-ups. RICH signed an MoU with Aurobindo Pharma, which will act as an industry partner.

#### Transformational Initiatives:

RICH is supporting a major initiative that has the potential to make Telangana a hub for research and diagnostics. This involves setting up a biobank facility at State hospitals. The biobank facility will build a huge Indian patient database that brings India at par with the UK, US, European databases and help in overcoming the current paucity of large-scale genomics data from Indian population. The large-scale detailed demographic and diagnostic dataset collected as part of this project will be of immense value in guiding the State's health strategy for tackling different diseases.

RICH has recorded strong progress in establishing the Agri Tech Park in Hyderabad. RICH has had discussions with the Ministry of Micro Small and Medium Scale Enterprises (MoMSME), Government of India for financial support. The Government of Telangana will also extend financial support. The Agri Tech Park is expected to commence operations in FY 2019-20.

#### Capacity Building of Incubators and Technology Transfer for Institutions:

RICH has tied up with all major incubators in Hyderabad and has developed screening tools for startup evaluation for use by the incubators.

RICH has been working with the International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), a DST institute, on an ongoing basis to help commercialize its technology. This has led to a pilot for one of its technologies related to improvement of efficiency of solar PV panels. RICH has also supported the

institute in its technology transfer aims through other activities such as vetting of candidate licensee firms, etc.

RICH is also a part of a major initiative planned to bring academic rigour to the operations of the Airline industry. RICH is supporting the Indian School of Business' proposed Centre for Aviation Studies.

#### Platform building:

RICH has build a platform in the form of a database for listing of funding schemes; partner institute resources; technologies; incubators; and for cataloguing external resources in various other areas such as law firms, consulting firms, regulatory support agencies, etc.

#### Innovation Challenges and Conferences:

**Cancer Innovation Challenge 2018:** RICH conducted the event in August 2018 which served as an excellent networking platform to engage with key industry representatives, entrepreneurs and healthcare leaders in the field of cancer. Sponsorship worth INR 12 lakhs was received from the industry. The innovation challenge received 50 applications from India and abroad wherein top 6 startups were awarded a cash prize of INR 2 lakhs. Researchers from top national institutions (IIT, CCMB, UoH, DRIS, BITS, TIFR, LVPEI, AHERF) were invited to showcase their work.

**Global R&D Summit:** RICH sponsored and supported FICCI's Global R&D Summit based on the theme 'International Collaboration in Research and Development for Sustainable Growth' with Africa as the partner continent.



RICH team with the startup winners of the Cancer Innovation Challenge 2018



RICH officials during a workshop held as part of IRGP at Kigali



## ALEAP – Garments Manufacturing Hub

ALEAP-India established a Garments Manufacturing Hub at ALEAP Industrial Estate, Pragathi Nagar, Kukatpalli, Hyderabad with an aim to create Direct employment for over 1000 women entrepreneurs from Self Help Groups. ALEAP-India has also tied-up with Aditya Birla Group for procurement of raw material which will be processed at the Hub in 10 ancillary units. This Hub will be a continuously functioning unit, which will further provide a fillip to the textile industry in Telangana.



Smt. M. Padma Devender Reddy, Hon'ble Deputy Speaker, Govt. of Telangana inaugurated the Garments Manufacturing Hub at ALEAP Industrial Estate.

## CII - 3D Printtech

CII organized 3D Print-Tech, a one-day Conference on Trends in Additive Manufacturing in Hyderabad in June 2018 to highlight the opportunities and challenges associated with the adoption of additive manufacturing in the industry.



Mr. Jayesh Ranjan, Principal Secretary I&C Department addressing the conference attendees.

## FICCI-Mining Today 2018

A two-day conference focussing on Indian mining industry was conducted; with discussions on current trends, developments, challenges, opportunities and future prospects. Aligned with the theme, the conference had technical sessions highlighting upon Indian mining perspective, technological advancements, mining machinery, equipment importance, exploration, state mining industries, skill development, mining contribution to GDP, policy regulations, international collaborations and future requirements of the industry.



Shri E.S. Narasimhan, Hon'ble Governor and Shri K.T. Rama Rao, I&C Minister inaugurating the Mining Today 2018 conference.

## ICC - GDB-MSME Linkage 2018

The Indian Chamber of Commerce organised MSME Linkage summit ICC in Dec 2018 in association with Government of Telangana on theme of Growth Drive for Businesses. The Main speakers were Jayesh Ranjan, Principal Secretary to Industries dept. Telangana, Harry Lagad MD, Geodis and Dr. Chandan Chowdhuri, Associate Dean Indian School Business.



Mr. Jayesh Ranjan, Principal Secretary I&C Department addressing the conference attendees.

# AWARDS & RECOGNITION

ET Awards 2018 for Business Reformer of the Year: K Chandrashekar Rao, Chief Minister, Telangana.



*Vice President Shri Venkatesh Naidu Presenting the Business Reformer of the year Award of Shri K. Chandrashekar Rao and received by Shri KT Rama Rao at the ET Awards for Corporate Excellence in Mumbai*

State Startup Rankings for 2018: Telangana recognized as 'Leader'



*Telangana State with its focus on creating a robust ecosystem for startups has been acknowledged as 'Leader' for startups in India. This was announced by the Department of Industrial Policy and Promotion (DIPP), Commerce and Industries Ministry as part of the State Startup Rankings for 2018. The DIPP also identified 50 champions from across India who have brought big changes in their startup ecosystem and Jayesh Ranjan and Telangana Chief Innovation Officer Phanindra Sama were awarded as Champions.*

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