



# *Envisioning Industrial Evolution*

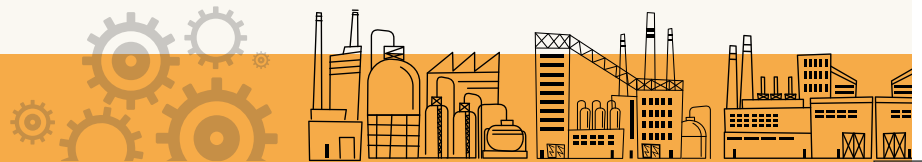


**ANNUAL REPORT 2016-17**

**DEPARTMENT OF INDUSTRIES & COMMERCE  
Government of Telangana**

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## FROM THE MINISTER'S DESK

It gives me immense satisfaction as I look back at the progress Telangana has made since its inception three years ago. Not only have we overcome the challenge of tackling the teething problems of a start-up State, the stellar performance of our industrial sector over the past year has gained attention at national and global forums. Telangana now boasts of a per-capita income that's 52% higher than the national average. Our capital has been ranked as the top Indian city in 'quality of living' by Mercer, third time in a row. Telangana remains No. 1 in Ease of Doing Business, and continues to attract global and local giants such as Boeing, IKEA, Ashok Leyland, ZF Friedrichshafen AG, and TATA Trent, to name a few.



**K. T. RAMA RAO**

As a country, we are witnessing landmark policy decisions such as Demonetization and the 'Make in India' initiative. Telangana has risen up to the challenges put forward by the Centre, and emerged stronger, achieving a 10.1% y-o-y growth in Gross State Domestic Product (GSDP), compared to a national average of 7.1% y-o-y growth in 2016-17. Share of Telangana's economy in National GDP has increased 7 basis points in 2016-17. This has been made possible by innovative initiatives targeted at supporting businesses in 4 crucial areas: Statutory Approvals, Land Procurement & Infrastructure Development, Financing and Innovation.

I am proud to inform you that Telangana's Industrial Policy Initiative (TS-iPass), launched in June 2015, under the guidance of the Honourable Chief Minister, has generated Rs. 73,000.00 CR in investments, generating 2.46 lakh jobs in the process. The single-window clearance and self-certification system have been path breaking interventions for statutory clearances. The infrastructure initiative, TSIIIC has facilitated land procurement as well as infrastructure development for various new industrial parks and cluster development schemes. 'Industrial Health Clinic', a new financial initiative specially focussed on the financially starved MSMEs is being launched to support the growth of MSMEs and revival of sick units. Lastly, the 'Research and Innovation Circle of Hyderabad' initiative has been launched to create strong synergies between Research Institutions, Academic Institutions, Industry and Entrepreneurs.

Looking forward, we realize the importance of infrastructure development in the state as a pre-requisite to growth. For this reason, along with the power generation and Mission Bhagiratha projects, we have now decided to leverage our advantageous location to develop Telangana as a major dry-port hub. In the coming year, we will collaborate with NHA to develop Multi-Modal Logistics Parks along key routes.

Amongst the priority sectors, Life Sciences is already creating international benchmarks with its upcoming Pharma City, Genome Valley cluster and Medical Devices Park. The textile industry has been given a boost with increased budget allocation of Rs. 1200.00 CR for the year 2017-18. Renewed focus on priority sectors – Pharma, Defence, Textiles, Logistics, Automotive and Food Processing – with appointment of new Directors, fresh investments and focussed sectorial policies will propel these sectors on a growth path in the coming years.

I believe we all are stakeholders in this progress, and by continuing to work together we can sustain this growth momentum to realize the dream of 'Golden Telangana'.

**(K. T. RAMA RAO)**

Minister for Industries & Commerce, IT,  
Municipal Administration & Urban Development,  
Public Enterprises, Sugar, Mines & Geology, NRI Affairs





# TELANGANA 2016

On the path of  
Rapid Industrialization



## No. 1 CM

Sri KCR rated the Most popular Chief Minister - According to survey by the VDP Associates.

## Best Reforms

Telangana Ranked No. 1 State in the Ease of Doing Business (EoDB) reforms for 2015-16 conducted by World Bank.

## Best Policy

TSiPASS investments – 2,929 industries with Rs 49,463.00 CR investments with employment potential of 5 lakhs.

## Revenue Surplus Budget

The State government has presented a revenue surplus budget for a record third time. The massive revenue surplus of Rs 4,571.00 CR projected in the 2017-18 budget speaks volumes of the financial discipline maintained by the State government.

## Cashless Transactions

Telangana state achieved 1st rank in the Country in Cashless transactions with Rs. 10.20 CR e-transactions.

## Higher Per-Capita Income

In 2016-17, the state recorded a per-capita income of Rs 1,58,360 which is 52% higher than the national average of Rs 1,03,818.00

## Telangana Economic Growth

has increased from 6.43% to 9.24% since formation. In 2014-15, the state achieved highest economic growth of 8.82% among top economy states of the country.

## Awards

Telangana State has been chosen for the 'Promising State of the Year' award by CNBC-TV18 as part of the India Business Leader Awards.

## More Districts

Major Reforms in Reorganization of the districts increasing from 10 to 31 to serve the people in the closer domain & preparation of industrial road maps.

## Growth of Manufacturing Sector

Telangana state ranks 5th in the country in the growth of manufacturing sector during 2014-15. In the last 2 ½ years, the growth of the manufacturing sector sharply rose from 5.85% to 9.50%





### **DRY PORTS**

Initiatives for establishment of 4 Dry Ports at Zaheerabad, Jadcherla, Bhongir and Damarcharla



### **SMART CITY**

Karimnagar granted 'Smart City' status by Government of India



### **24 x 7 WORKING HOURS TO SHOPS & ESTABLISHMENTS**

Working hours for all shops and other establishments extended in Telangana till June 2019

### **ESTABLISHMENT OF WAREHOUSES**

KWE India, Kinetsu World Express (Japanese Global Conglomerate Kinetsu Group) warehouse at GMR Airport, Global Sparenparts warehouse in Hyderabad. London based Knight & Frank report holds immense potential for Hyderabad as a warehouse destination.

### **BUSINESS EVENTS ABROAD**

Participation in major Investment Promotion Events abroad - ADVAMED 2016 (US), MEDICA & COMPAMED 2016 (Germany) BioInternational (US).

### **NATIONAL BUSINESS EVENTS**

Participation in India International Trade Fair-2016 in Pragati Maidan, New Delhi. Participation in Make in India Week at Mumbai and organized international conferences- BioAsia in Hyderabad & India Aviation-2016 in Hyderabad.

### **POWER SUPPLY TO INDUSTRIES**

Continuous electric power supply to industries without power cuts & special concession in power tariffs to Ferro alloys and Textile & Spinning Mills.



# TELANGANA 2016

On the path of  
Rapid Industrialization

## Airport Infrastructure

In principle approval granted by GoI for establishing a new Green-Field Airport at Kothagudem.

## Fuel Pipe Line

Centre clears survey for Rs. 4300.00 CR fuel pipeline from Paradip refinery in Odisha to Hyderabad.

## Visit of foreign delegation to Hyderabad

UK, Japan, China, Germany, Saudi Arabia, Afghanistan.

## Road Infra structure

Sanction of 2500 Km National Highway Road Network.

## Industrial Corridors

Government of India gave in-principle approval for setting up industrial corridors along Hyderabad-Warangal and Hyderabad-Nagpur highways to accommodate oil-refining, textiles, handlooms, handicrafts, paper units, mining, engineering, livestock, agro-based industries, poultry and other small and medium enterprises.

## Skill Development

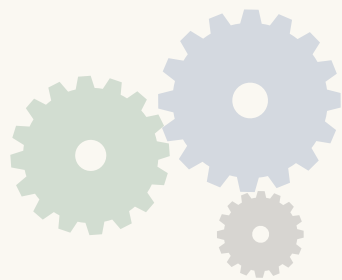
MoU between Telangana Academy for Skill and Knowledge (TASK) and Samsung to set up Tisen Academy for imparting skill and knowledge training to engineering graduates.

## Government Business delegation to foreign countries

China, Japan, US, Malaysia, UK etc.







**Major Investments attracted**

Hinduja Group, MRF, ITC group, Toshiba, Supreme Plastics, HSIL, Hetero Labs, Hindustan Coca Cola, Arabindo Pharma, Cronus Pharma, Winsol Solar, ZF Friedrichshafen, Tata Boeing Aerospace Ltd, Schneider, Johnson & Johnson, Sunborne Energy, My Home, Citron, Industries, IKEA (Furniture retailer), Continental, Micromax, Multimodal Terminals Limited Logistic Park and Global Logic.

**Initiatives for establishment of Industrial Parks**

Mega Food Park at Putnamdoddi (Mahabubnagar), Food Park at Buggapadu (Khammam), Food Park at Nizamabad, Medical Devices Park in Sultanpur (Sangareddy), Pharma Park of 12,500 acres in Ranga Reddy, Leather Park & Textile Park in Warangal, & IT Park at Khammam.

**I-HUB (Innovation Hub)**

The CSIR-CCMB has launched its innovation activities in the form of I-Hub in Hyderabad to provide a platform both for translating ideas developed in-house and providing a place for start-up companies that are interested in medical and agricultural biotechnology.

**D-HUB (Design Hub)**

by M/s Usability Matters Org, promote design in the areas like aerospace defence equipment, electronics and communication devices.

**Exports**

Vaccine Exports from Hyderabad - Sanofi Pasteur Holding (acquired Hyderabad based Shantha Biotechnics), dispatched the first batch of "Shan 5" vaccine to African countries.

**Awards to Entrepreneur**

Hyderabad based entrepreneur M/s. Radiant Cables, received the first prize in the product/process innovation category in the national awards in MSME-2015

**Environmental Management**

Major initiatives to move over 1500 industries located in the city to the outside Outer Ring Road limits.

**Trade Journal**

Launching of Telangana State Trade Journal by the Hon'ble Minister for IT, MA&UD, Inds & Com, PE, M&G and NRI Affairs.

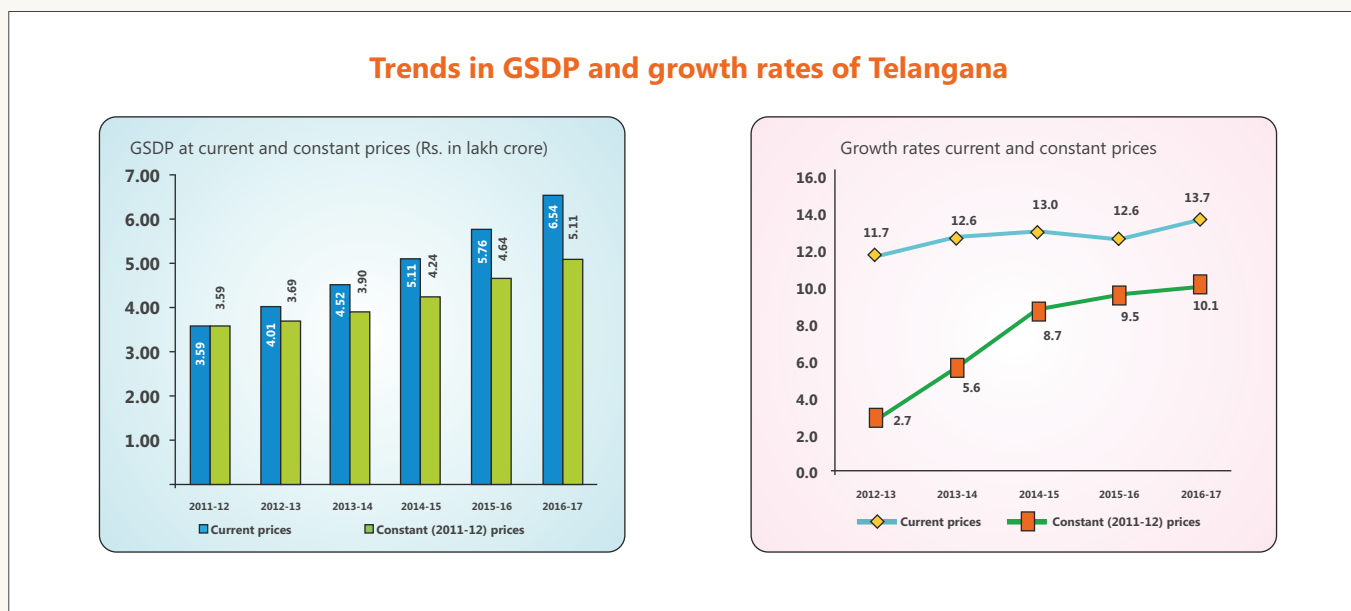
**Green Hub**

Green Incubation Centre for Clean Tech Firms in Telangana promoting green and clean technologies by the Government.



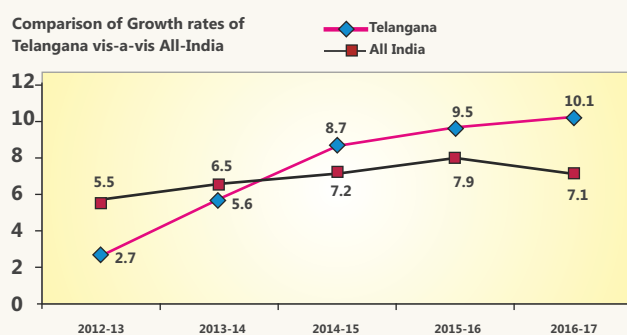
## Growth

GSDP - Outlook for 2016-17: The growth rate of GSDP denotes the performance of the economy and changes in the magnitude and composition of GSDP of the state economy, over a period of time. As per the advanced estimates, released by the Directorate of Economics and Statistics, the Gross State Domestic Product (GSDP) at current prices for the year 2016-17 is estimated at Rs. 6.54 lakh CR, as against Rs. 5.76 lakh CR in the previous year, indicating a growth rate of 13.70% Telangana's GSDP at constant (2011-12) prices is estimated at Rs. 5.11 lakh CR in 2016-17, compared to the previous year estimates of Rs. 4.64 lakh CR, thereby registering a growth rate of 10.10%



## Performance of the State's economy in 2016-17

The share of Telangana's economy in National GDP is 4.28% in 2016-17, as against 4.21% in 2015-16. A comparison of State GSDP growth with that of All India growth reveals that in 2012-13 Telangana grew at 2.70%, which is much lower than All India growth rate of 5.50%. However, since 2014-15, the growth rate of Telangana has picked up and registered higher growth than all of India during subsequent years (See Figure 2.2). This is a clear indication of impact of the proactive measures of the Government to boost economic growth, after the formation of the State.



**Comparison of Growth rates of Telangana vis-a-vis All-India (at Constant Prices)**

Year	Telangana		All India	
	GSDP (Rs.Crore)	Growth Rate	GDP (Rs.Crore)	Growth Rate
2011-12	3,59,433	-	87,36,039	-
2012-13	3,69,290	2.7	92,15,125	5.5
2013-14	3,89,882	5.6	98,17,822	6.5
2014-15	4,23,972	8.7	1,05,22,686	7.2
2015-16	4,64,389	9.5	1,13,57,529	7.9
2016-17	5,11,286	10.1	1,21,65,481	7.1

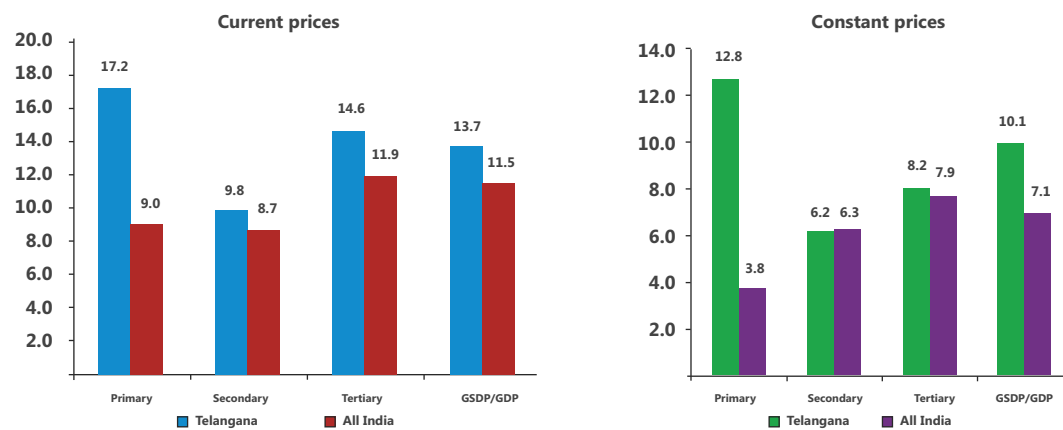
## Sectoral Growth Performance

The Gross State Value added from the Primary sector that includes agriculture and allied activities is likely to register an impressive growth of 17.20% at current prices, due to the good monsoon and proactive measures initiated by the Government to revamp the rural economy. This is much higher than the All India growth rate of 9.00% for this sector. The secondary sector that includes manufacturing, electricity and construction is likely to grow at 9.80%, which is higher than that of All India growth of 8.70%. The Services sector is likely to grow at 14.60%, as compared to All India growth of 11.90%



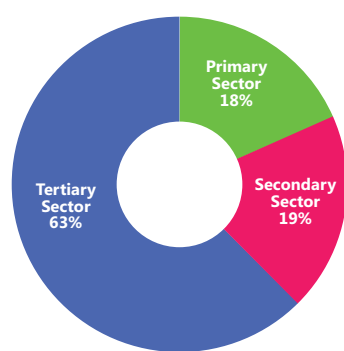


### Comparison of Growth Rates in 2016-17: Telangana vis-a-vis All India

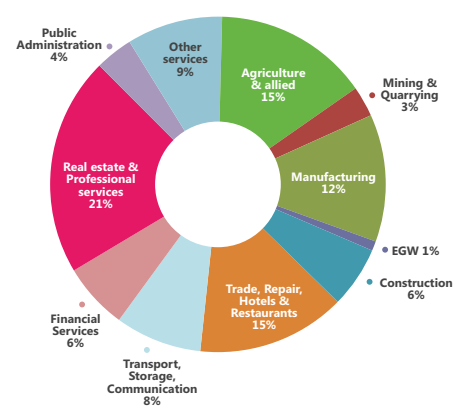


### Sectoral contribution in GSDVA

Broad sectoral contribution in GSDVA 2016-17



Sub-Sector wise contribution in GSDVA 2016-17





### Ease of Entrepreneurs

The policy that stands to change it all: from the pace of setting up business in the state to the monitoring of progress and handling procedures: the TS iPass is the Govt of Telangana's push towards the state's industrial future.



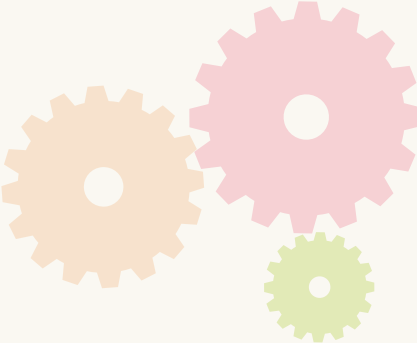
Telangana State Industrial Policy strives to provide a framework which will stabilize existing industrial environment and attract new investments from across the country and the world. The cornerstone of this policy is zero-graft and zero-tolerance to corruption, a transparent administration, effective grievance redressal mechanism and above all timely approval system without any manual interface. As an important step towards this, the Government of Telangana enacted the "Telangana State Industrial Project Approval and Self-Certification System" (TS-iPASS) in 2014, and rules framed in 2015. In the last two years the scheme attracted nationwide attention with its investor friendly concept and the following salient features:

- End to end online system without physical interface
- Self-certification system
- Just 10 documents required for applying to 22 departments for establishment or operation
- Mega industries approved in 15 days and others in max of 30 days
- Maximum facilitation and minimum inspection
- Online tracking of application status
- Right to approvals with penalty on officers causing delay
- Deemed approval if clearance not issued within time frame

TS-iPASS as an end to end online system, played a key role in ranking the state First in Ease of Doing Business – 2016

### Achievements

Period	Number	Investment in CR	Employment
Up to March 2016	2130	Rs. 38,098.00	1,20,869
2016-17	1698	Rs. 33,519.00	1,07,486
Total	3828	Rs. 71,617.00	2,28,355



### Industrial Incentives (T-IDEA & T-PRIDE)

In the Incentive Policies, Telangana State Industrial Development and Entrepreneur Advancement (T-IDEA) and Telangana Programme for Rapid Incubation of Dalit Entrepreneurs (T-PRIDE), major emphasis is on creation of Quality Infrastructure, promotion of Manufacturing Investment Zones and Industrial Corridors, special focus on MSMEs, and Growth Enabling Incentives to create a level playing field, to tap the potential of ever expanding service sector related to industrial activity, fostering industrial clusters, promotion of anchor industries for creation of ancillary base, capacity building and skill up gradation, inclusive development to build competency in Women, Scheduled Caste & Scheduled Tribe Entrepreneurs, Quality Competitiveness, Export Promotion, promotion of cleaner technology, leveraging existing strengths for value addition, special focus on thrust sectors, and revitalization of MSMEs.





### Achievements 2016-17

Scheme	No of Proposals	Sanctioned Fund [CR]
Industrial Incentive	3174	Rs. 426.00 [General]
Industrial Incentive (SC, ST & PHC)	3235	Rs. 274.00 [Special]
	6409	Rs. 700.00

### No.1 in Ease of Doing Business

Telangana has been ranked first in ease of doing business for 2016 among all the states in India with a score of 98.78. This is a major leap from its 13th position in 2015. Apart from the much appreciated TS-iPASS Online Industrial Application and Approval system that ensured timely approvals, the Government embarked on a mission to make transacting business a lot easier in the state. Reforms were initiated not only in application and approval process but also inspection and reporting procedures. Steps were taken for making the system graft free and transparent.

#### Highlights of the Implementation of Business Reforms Action Plan

- The Exercise of the Government involved introduction of 113 Online services apart from making 26 legislations and issuing of corresponding orders, circulars to give effect to ease of doing business.
- The Government policy has been towards minimum inspection and maximum facilitation. The inspection system was overhauled by introducing joint inspections, computerized random inspections and ensuring inspection reports are submitted within 48 Hrs and efforts are on to bring down the time to 24 Hrs.
- The Industries Department has made application process for incentives and raw materials online.
- The Labour Department has developed an app for the filing of applications and issuing of approvals, renewals and inspections under all labour legislations.
- Single Integrated Returns System has been introduced.
- Boilers Department introduced self-certification and third party inspection system for registration of boilers.
- Forest Department introduced the self-certification system for permission to cut the restricted/non-restricted category of trees. For restricted categories, the approval is deemed within three days of filing application.
- Fire Services Department exempted the buildings having height that's less than 15m. from obtaining a no-objection certificate.
- Registration & Stamps Department has introduced an e-STAMP facility.
- Department of Commercial Taxes has introduced a single tax ID for filing of returns, for all the taxes.
- Telangana State Pollution Control Board exempted the green category industries from inspections, introduced auto-renewal system for CFO, self-certification and third party inspection systems. White Category of Industries was introduced for exempting them completely from application and approval process.
- Apart from the above, Factories Department, Revenue Department, Municipal Administration and Energy Department have implemented reforms for Ease of Doing Business.





Telangana State Industrial Infrastructure Corporation (TSIIC), established in 2014, is a Telangana State Government undertaking for developing Industrial Parks, Industrial Clusters, Sector Specific Parks, SEZs etc.

### Land Allotment

The total no. of Industrial Parks developed by TSIIC is 116 and in the FY 2016-17 TSIIC had allotted land to about 500 industries with an expected investment around Rs. 1000.00 CR and provide direct and indirect employment to nearly 50,000 persons.

### Shifting and Relocation of Polluting Industries

Government has decided to shift and relocate all the polluting existing inside ORR to outside ORR. TSIIC has identified 19 locations outside ORR within a distance of 100 km for relocating the polluting industries.

### Upcoming Industrial Parks:

#### Hyderabad Pharmacy at Mucherla

Govt. is developing a 14,000 acre Pharma City at Mucherla with on-campus social infrastructure such as housing facility, with world class manufacturing parameters such as Zero Liquid Discharge in place.

- Project Area: 14,000 Acres
- Investment Potential: Rs. 1,00,000.00 CR
- Employment: 1,50,000 direct & 5,00,000 indirect



#### Medical Devices Park at Sultanpur

A Medical Devices Park is being developed in Sultanpur over an area of 250 acres where about 8 companies will have their manufacturing units, and all facilities from warehousing to lab testing will be available.

#### EHMC Electronic Manufacturing Cluster at ECity - Fab City, Raviryala

- Project Area: 602 Acres
- Project Cost: Rs. 769.00 CR
- Employment: 35,000 direct & 2,10,000 indirect
- Expected Investment: Rs. 1800.00 CR

#### EHMC Electronic Hardware Manufacturing Cluster-Maheshwaram Science Park, Maheshwaram (v)

- Project Area: 310 Acres
- Project Cost: Rs. 409.00 CR
- Employment: 14,000 direct & 83,400 indirect
- Expected Investment: Rs. 800.00 CR

#### Mega Food Park at Buggapadu Village at Khammam District

- Project Area: 60 Acres
- Project Cost: Rs. 109.00 CR
- Employment: 2500
- Expected Investment: Rs. 324.00 CR

#### NIMZ- Manufacturing zone at Zaheerabad

- Project Area: 12,635 Acres
- Project Cost: Rs. 11,120.00 CR
- Employment: 1,00,000 direct & 1,45,000 indirect
- Expected Investment: Rs. 60,000.00 CR

Financial assistance was sought from GoI of Rs. 5171.00 CR for external infrastructure & Rs. 884.00 CR for internal infrastructure under NIMZ scheme. State Government released budget of Rs. 22.50 CR in 2016-17. A Budgetary provision of Rs. 200.00 CR is made in the State Budget 2017-18 for NIMZ, Zaheerabad.

#### Kakatiya Mega Textile Park - Warangal

- Project Area: 2,000 Acres
- Project Cost: Rs. 660.00 CR
- Employment: 1,13,000
- Expected Investment: Rs. 11,586.00 CR





### Plastic Park at Thummalur, Maheshwaram

- Project Area: 100 Acres
- Project Cost: Rs. 123.00 CR
- Employment: 2000 direct & 3000 indirect
- Expected Investment: Rs. 11,586.00 CR

### Spice Park at Vepur, Nizamabad

- Project Area: 40 Acres
- Project Cost: Rs. 34.00 CR
- Employment: 800 direct & 1000 indirect

### Fibre Cluster under MSE-CDP Scheme- Ibrahimpatnam Composite Park-Telangana

- Project Area: 123 Acres
- Project Cost: Rs. 55.00 CR
- Employment: 21,000 direct & 9,000 indirect

### e-Auctions

TSIIC has introduced auction of lands in at least six land block in different locations under its fold in the IT hub of Hyderabad. Auction of two land blocks of 2.84 acres and 2.38 acres in Raidurg in the IT hub of Hyderabad has helped TS Industrial Infrastructure Corporation raise Rs. 185.00 CR. An acre of land in Raidurg, which is part of the IT corridor, fetched an astonishing Rs. 42.60 CR in the e-auction.

### Other Initiatives by TSIIC:

- T-Hub Phase-II
- Image Tower
- IT Park at Budhvel

### Awards & Recognitions

TSIIC was selected for Udyog Rattan Excellence award, received by Sri. V. Narsimha Reddy, VC & MD.

TSIIC received HUDCO award for Innovative practices in Industrial development. Union Minister M Venkaiah Naidu gave the award to Sri. G. Balamallu and Sri. V. Narasimha Reddy.



EoDB Awards, 2016



Govt. of Telangana welcomes Malaysian delegation



TSIIC received HUDCO award for Innovative practices in Industrial development. Union Minister M. Venkaiah Naidu gave the award to Sri. G. Balamallu and Sri. V. Narasimha Reddy



TSIIC was selected for Udyog Rattan Excellence award, received by Sri. V. Narsimha Reddy, VC & MD



Land allotment for Women Industrial Park





## Life Sciences & Pharma



### Breathing Life into progress

Hyderabad has always been known as the top Life Sciences destination worldwide housing over 600 life sciences companies with a combined value of USD 50 Bn and contributing to more than 35% of the pharma production in the country. The city is also home to more than 1/3rd of the USFDA approved facilities. Over the years, Hyderabad has dominated India's vaccine production output, contributing significantly to the global vaccine production while inching closer to be recognised as a global disease prevention capital of the world. Continuing its commitment to the sector, Government of Telangana has a number of new initiatives coming up to accelerate growth of the sector in Telangana.

### Genome Valley - Epicentre of Life Sciences R&D

Genome Valley has become the largest innovation and life sciences cluster in Asia and has the distinction of being India's first and only systematically developed R&D and clean manufacturing ecosystem. The cluster has grown tremendously to become home to over 200 companies. It is home to companies with varied capabilities - pre-clinical research, drug discovery, contract manufacturing, vaccines, clinical research, pharma, biotech research, biologics and agriculture-research.

#### Developments and Initiatives

- Indian Council of Medical Research (ICMR) has agreed to operationalize the country's largest animal resource facility in the next two years
- More than 2 Mn Sq. ft of laboratory / incubation space is being added in the cluster in partnership with IKP Knowledge Park and MN Park.
- Elevated express way proposed from Jubilee Bus Stop to the Turkapally Village.
- Skill development programmes focused on sterile R&D and manufacturing
- Housing and Social cluster around Genome Valley
- The cluster will soon have the status of Industrial Area Local Authority (IALA)

These developments mark the beginning of the next wave of development, which can be termed as **Genome Valley 2.0** and will help position Genome Valley as an EPICENTER of life sciences collaboration in Asia and the world.

“ At Novartis, we appreciate the State's leadership in shaping a vibrant industrial innovation ecosystem in Telangana. We consider our India Development Center in Hyderabad a bedrock of our Global Development footprint and consider Hyderabad as a world class location of drug development operations. I am personally very happy to see the growth in talent and capability at the centre. ”

**Dr. Vas Narasimhan**, Global Head of Drug Development and Chief Medical Officer, Novartis



## Pharma City

The government has envisaged the development of a world class, first-of-its-kind Pharma City, spread across 14,000 acres with thrust on bulk drugs and formulations. Significant progress has been made, and with concepts like Zero Liquid Discharge, common effluent treatment facility, regulatory enclave, 24/7 water & power supply, dedicated land for Social Infrastructure like Housing, Entertainment and Commerce, among others, the cluster promises to be the most environmental friendly ecosystem.

### Progress:

- Master plan for the cluster has been prepared
- The Phase I is being developed at about 8200 acres
- Land to the extent of about 6300 acres is already in the possession of TSIIC and acquisition of the remaining land is also expected to be completed shortly
- Major emphasis on manufacturing in addition to R&D, testing facilities, center of excellence, skill development centers, housing, commercial complexes, etc.
- Final application for NIMZ submitted to GoI
- Technology Economic Feasibility Report has been prepared in alignment with the master plan
- Environmental Impact Assessment Studies have also been completed and the process of obtaining EC will be completed in the next couple of months
- Shortlisting of infrastructure companies (8 companies including 3 MNC's) for installation, operations and maintenance of the common effluent treatment plant completed through global EoI
- Access road to the site from Srisailem national highway nearing completion

## Enabling Regulatory Ease for Investors

Further, Telangana Government signed an MoU with IV2 Alliance that works in tandem with US Food and Drug Administration (USFDA), to establish the framework for the two entities to explore collaborative opportunities. Among its multiple focus areas, the MoU seeks to create awareness on Regulatory Science standards, procedures, and protocols of US; and jointly engaging with a consortium of various stakeholders planned to collaborate with The IV2 and USFDA.



MoU exchange with USFDA

“Hyderabad Pharma City can be first of the international clusters that USFDA seeks to bring together to link scientific and medical advances from across the globe for better health care.”

**Dr. Robert Califf**  
Commissioner, USFDA  
(October 2016)



## Medical Devices Park

Government of Telangana is also developing a first of its kind park in India for Medical Devices & Electronics, focused on Medical Innovations, R&D and Manufacturing at an area of 250 acres at IP Sultanpur. The park will have comprehensive common facilities including warehousing and logistics, uninterrupted electricity & water, ready to occupy space, sterilization facility, testing laboratories, etc. About 8 companies have agreed to set up their manufacturing units in Medical Devices Park and first phase land allocation will be initiated shortly. An anchor investor policy is also being prepared.

In a unique distinction, Hon'ble Minister for Industries and Commerce was invited to deliver a keynote address at the AdvaMed 2016 conference, attended by over 1000 industry leaders across the globe. Minister's address was well received and drew attention of the global leaders to offerings of India and Hyderabad for medical devices industry.



Hon'ble Minister Delivering Keynote lecture at AdvaMed 2016



## Life Sciences Advisory Committee

The Government constituted a Life Sciences Advisory Council to serve as a structured interface for the Government with the leaders of Industry and Academia to brainstorm on ideas, identify opportunities for the State and add further impetus to Telangana's growth trajectory in the sector. Prof. D. Balasubramanian, Director Emeritus (Research) of LV Prasad Eye Institute is the Chair of the committee and Mr. Satish Reddy, Chairman of Dr. Reddy's Laboratories is the Vice Chair of the committee. Based on the recommendations of the committee, a vision document, capturing the growth opportunities in Life Sciences is being prepared.

## BioAsia 2017

The 14th edition of the State's flagship international convention - BioAsia was organized from February 6-8, 2017. The event was inaugurated by The Governor of Telangana and featured 5 focused conferences - Innovation, Automation in Diagnostics, Health & Access, Digital Health & Healthcare IT, and Manufacturing. Feedback to the event has been overwhelming.

1500 delegates	INR 3000 Crores investment announcements
500 organizations	1200 Business partnering meetings
51 countries	
Cumulative investment of INR 2.5 Bn over 14 years	



## Life Sciences Infrastructure Fund - First of its Kind in India

Given that global life sciences companies are increasingly preferring asset light operations and resorting to long term leases in facilities built to their standards, Govt of Telangana has envisaged a Life Sciences Infrastructure fund, which will be the first of its kind in the country. With a tune of Rs. 1000.00 CR, the fund will be used to create sophisticated modular plug-and-play specialised infrastructure for pharmaceuticals, biotechnology and medical devices industry. An MoU has been signed with Cerestra Advisors Limited in this connection.

### Key investments during 2016-2017:

S.No.	Company	Investment [Rs. in Lakhs]
1.	Ferring Laboratories Private Limited	43,109.00
2.	TS Veterinary Biological & Research Institute	15,226.00
3.	Genesis Biologics Private Limited	10,400.00
4.	VIC Therapeutics Private Limited	3,900.00
5.	Pulse Pharmaceuticals Private Limited	2,936.93
6.	Farnex	1,530.00
7.	Airis Pharma Private Limited	1,300.20
8.	Life Span Private Limited	1,293.94
9.	Chian Bio Private Limited	622.10
10.	Granules Pharma	
11.	MN Park: Hub phase II (2Mn. Sft.)	1,00,000.00
	Catalyst: The SME Hub @ IKP	5,000.00
	Biological E-SEZ	30,000.00
	<b>Total Investments</b>	<b>2,15,318.17</b>

### Lab space leased during 2016-2017:

S.No.	Company	Lab space [SF]
1.	Laxai Avanti Life Sciences	42,120
2.	ETICO Life Sciences R&D Lab	10,000
3.	Alembic Pharmaceuticals	6,550
4.	Genomelabs	3,848
5.	AgriGenome Labs	2,320
6.	WDB India	936
7.	Usha Biotech	575

**Total investment during 2016-17  
Rs. 2,15,318.17 Lakhs**





## Global Outreach – Relationships Built with some the Most Influential leaders in Life Sciences



Meeting with Mr. Benson F Smith, President and CEO, Teleflex Inc.



Meeting with Ms. Nanette Cocero, President for Emerging Markets for Innovative Health Business, Pfizer



PhRMA USA team with the Hon'ble Minister



MoU between Novartis and NIPER Hyd on Life Sciences Skill Development



Meeting with Mr. Gary Pruden, Chairman, Medical Devices, Johnson & Johnson



Meeting with Mr. Sanat Chattopadhyay, Executive VP and President, Manufacturing, Merck & Co.



Meeting with Dr. Patrick Vallance, President, R&D, GlaxoSmithKline



Meeting with Mr. Glenn Saldhana, CMD, Glenmark Pharmaceuticals







Meeting with Dr. Vas Narasimhan, Global Head of Drug Development & Chief Medical Officer, Novartis



Meeting with Mr. Murtaza Khorakiwala, Managing Director, Wockhardt



Meeting with Mr. Omar Ishrak, Chairman & CEO, Medtronic



MoU exchange with Johnson & Johnson



Foundation Stone Laying of Biological E's SEZ



Meeting with Mr. Kevin Lobo, President & CEO, Stryker Corporation



Mr. Jayesh Ranjan presenting a memento to Mr. Narayana Murthy, Founder, Infosys



Meeting with Mr. Vincent A. Florenza, CEO & President, BD



## Handlooms & Textiles



### Towards preserving and protecting our cultural heritage for future generations

The Textile Industry is the largest Cottage Industry in India, occupying a prominent place in the economy of the country. It is also one of the key thrust areas of the state. To strengthen the Textile Industry in the state, the state government has allocated a budget of Rs. 1200.00 CR for the year 2017-18 to the sector comprising of Rs. 373.00 CR for Handlooms and Rs. 827.00 CR for Power looms and Industrial Textiles. The detailed bifurcation is provided at the end of this section.

To cater various development and welfare activities intended for weavers, the Department of Handlooms & Textiles, Govt. of Telangana has undertaken the Geo-tagging of the looms and has Geo-tagged/Barcoded to 16,776 looms in the State, besides gathered the Bank Account details and Adhar numbers of the weavers and other particulars. Similar exercise has been carried out for power looms as well.

### Major programmes / schemes being implemented for the development and welfare of weavers:

The developmental and welfare programmes of Handlooms and Textiles Department at present broadly relate to:

- Primary Handloom Weavers Cooperative Societies and weavers in outside coop fold
- Apex Weavers Cooperative Societies
- Apparel Export Parks / Textile Parks
- Administration of Weavers' Training Centre-Siricilla and Powerloom Service Centre, Siricilla

The beneficiary oriented developmental schemes to the members of weaver societies consist of modernization of looms, training & Infrastructural facilities etc., and welfare schemes like Insurance Scheme, Mahatma Gandhi Bunkar Bhima Yojana Scheme etc.

### Rajeev Vidya Mission cloth procurement during 2016-17:

Power loom cloth was procured to the extent of 1.19 Cr meters from Power loom MAC Societies, Siricilla worth of Rs. 60.15 CR. The power loom cloth includes Suiting, Shirting, Poly Voni and PAD cloth. A software system has been exclusively developed for the purpose by NIC. Monitoring is done through TAB Reports. Quality checks have been thoroughly conducted at Receiving Committee Godown and Power loom Service Centre to ensure receipt of good quality of cloth.

### Price subsidy on Hank Yarn, dyes and chemicals

**40%** input price subsidy on purchase of silk and cotton Hank Yarn, dyes and chemicals by handloom weavers has been provided by the state government to ensure supply of subsidized yarn to Handloom Sector. This is in addition to 10% price subsidy by the Central government. Rs. 100.00 CR has been allocated in the budget for the year 2017-18 for the subsidy. A total of 9809 Yarn Pass Books have been issued by NHDC so far.

**20%** input price subsidy on yarn will be provided to power loom weavers from 2017-18 onwards on all government procurement orders. Rs. 130.00 CR has been allocated for this subsidy in the current year.





### Credit support:

During the year 2016-17 Rs. 15.41 CR has been sanctioned by the District Cooperative Central Banks in respect of 87 societies. The credit support for 2014-15 and 2015-16 were Rs 12.39 CR and Rs. 15.37 CR respectively.

### Pavala Vaddi scheme:

- Pavala Vaddi scheme is being implemented w.e.f. 1.4.2008 with a view to reduce the burden of interest on Handloom Weavers Coop. Societies, APEX Society, Individual weavers covered under Artisan Credit Cards and Weavers SHGs.
- An amount of Rs. 3.75 CR was released during the year 2015-16 for the (48) PWCSs and Rs. 1.76 CR was released towards settlement the Pavalavaddi claims of Warangal, (30) societies Nalgonda (29) societies and TSCO, for the year 2016-17.

### Cooperative Handloom Weavers Thrift Fund scheme:

- An amount of Rs. 1.48 CR has been released towards thrift fund Scheme share to 85 Handloom Weavers Cooperative Societies benefitting 17,296 weavers from 2011-16.
- The government has increased thrift fund support to 16% of wages and has allocated Rs. 60.00 CR for the year 2017-18.

### Scheme of Training and Infrastructural Support to Handloom Sector:

- An amount of Rs. 7.00 CR has been provided in the Budget estimate 2016-17 for undertaking infrastructural work in HWC Societies in the 1st phase. Rs. 2.90 CR has been released for sifting infrastructural project in Karimnagar, Warangal (U) and Siddipet District. In the 2nd phase Rs. 2.61 CR has been released for undertaking civil infrastructural works in Nalgonda, Yadadri, Karimnagar, Mahabubnagar and Jogulamba Gadwal Districts.



### Old Age Pensions:

- 55,335 old age pensions worth Rs. 200/- per month were available to handloom weavers by reducing the age limit from 65 to 50 years. The state government has enhanced the Old Age Pensions to Handloom Weavers from Rs. 200/- per month to Rs. 1000/- per month with effect from 10.12.2014 under Asara Pension Scheme and 30,734 Weavers are found eligible for the old age pension.

### Modernization of Power Looms

- 31,000 looms to be upgraded with Warp / Weft stop Motion, Anti-cracking device, Efficient Breaking devise, dobbie etc.
- 5000 semi-automatic looms to be upgraded to shutter less rapier looms
- 7000 plain power looms to be upgraded to shutter less rapier looms
- 6000 new rapier looms (20-30% subsidy) procurement to be supported
- 40 group worksheds (40% subsidy) to be created



## Government Buyback Programme for Handloom and Power loom Weavers

- In order to support handloom weaver community, the state government has increased buyback of finished fabric from the weavers and has allocated Rs. 147.00 CR for 2017-18.
- In order to support power loom weaver community, the state government has increased buyback and will procure finished fabric to the tune of Rs. 240.00 CR in 2017-18 and will create a procurement centre at Sircilla.



Meeting with Hon'ble Minister for Textiles, Smt. Smriti Irani

## Development of Textile and Apparel Parks

The government has fast tracked development of **Kakatiya Integrated Mega Textile Park** at Warangal. The park, spread over an area of 2000 acre to be developed in phases, will have best quality infrastructure and house domestic and international units in spinning, weaving, processing, machinery manufacturing and fashion designing / apparel as well as Technical Textile and man-made fibre based units. Land acquisition for 1st phase has been completed and environmental clearance is expected shortly.

The government is also developing **Sircilla Apparel Park**, spread over about 100 acre. The Apparel Park will provide immediate value addition to the fabric produced by the power looms in Sircilla.



Meeting with Mr. Harish, CMD, Shahi Exports



## Detailed bifurcation of 2017-18 budget allocation

S. No	Incentives for Handlooms	Budget 2017-18 In Rs. CR
1	Input Subsidy – 40% state subsidy on yarn purchases	100
2	Buy back by TSCO / THDC	147
3	Thrift Fund matching contribution @ 16% of wages	60
4	Financial Assistance to alternative livelihood @ 2.0 lakh	40
5	Loan waiver to individual handloom weavers	15
6	Design Development, Value addition & Brand Promotion	11
<b>Total Handloom Allocation</b>		<b>373</b>

S.No	Incentives for Power looms	Budget 2017-18 In Rs. CR
1	Induction of Modern Looms in the place of obsolete looms:	
	● Up gradation of Plain Power looms to Semi Automatic and Rapier looms.	192
	● Replacement old looms with new looms	80
	● Modern CFC-pre weaving process through Plug & Play Model	25
2	Input Subsidy	
	● 50% Power tariff subsidy ● 20% Yarn subsidy on Government procurement	15 130
3	Buy back by TSCO / THDC	
	● Through Bathukamma Sarees for free distribution ● Worker Uniforms - supply of cloth to departments	160 80
4	Setting up of Apparel Park at Sircilla	30
5	Thrift Fund matching contribution @ 8% of wages	15
6	Allocation for Mega Textile Park at Warangal	100
<b>Total Powerloom and Textiles Allocation</b>		<b>827</b>
<b>Total Budget Allocation</b>		<b>1200</b>





# Mines & Geology



## Activities & Department Set-up:

- **Promotional** – Mineral investigation and exploration, Reservation of Iron Ore Blocks & Exploration and preparation of prospective Limestone Blocks for exploration.
- **Regulation** – Processing and disposal of applications for grant of leases, collection of revenue, regulation of Mineral extraction & transportation.
- The Dept. headed by Director at Head Office having 3 Regional, and 30 District Offices.

## Scope for Mineral Based Industries:



## Collection of Mineral Revenue:

Mineral Revenue Achievement for 2016-17

Rs. in Crores

Mineral Revenue Achievement for 2016-17		
Major	Minor	Total
1904.75	1264.95	3169.70

Rs. in Crores

Mineral Revenue Target for 2017-18		
Major	Minor	Total
2187.91	1312.09	3500.00



## Comparative statement with other States on Mineral Revenue Collection

Sl. No	State	2015-16			2016-17			% of growth over 2015-16
		Target	Achmt.	% Achmt.	Target	Achmt.	% Achmt.	
1	Telangana*	2970.00	2369.71	80	3085.27	3169.70	103	34
2	Rajasthan	5000.00	3650.00	73	4200.00	4233.00	101	16
3	Andhra Pradesh	1359.03	1496.05	110	1705.00	1700.61	100	14
4	Karnataka	1744.39	1846.92	106	2400.00	2065.00	86	12
5	Chhattisgarh	3600.00	3709.00	103	3829.00	4096.00	107	10
6	Tamilnadu	1007.00	1007.74	100	1200.00	1040.00	87	3
7	Orissa	6600.00	5716.00	87	7000.00	4950.00	71	-13
8	Jharkhand	5500.00	4770.00	87	7050.00	4120.00	58	-14

\* Figures in CR / including sand sale proceeds and S. fee of Rs. 400.18 CR and Rs. 462.02 CR for 2015-16 and 2016-17 respectively.

### Leases:

- 20 Prospecting Licenses and 1 Reconnaissance Permit is in force. There are 138 mining leases for major minerals and 3154 quarry leases for minor minerals (including recently declared major minerals as minor minerals by GoI)

### Manufactured Sand – Salient features:

- Promote manufactured sand from rocks as an alternative to river sand to reduce the impact of sand mining on rivers and conservation of ground water by according industry status, extension of VAT and power subsidy in addition to regular incentives and preference in quarry lease allotment.
- Govt. Depts. mandated to use at least 50% of manufactured sand from rocks in Govt. works.
- Presently 30 manufactured sand units established around Hyderabad to augment sand requirement for construction industry.
- Many more manufactured sand from rock units are under pipeline.

### Implementation of Information Technology in the Dept.:

- Development of Web Portal: Designing of web portal by AP(TS)Online completed, Beta version is ready for launching ([www.mines.telangana.gov.in](http://www.mines.telangana.gov.in)).
- e-Office (online): By July 31st, 2017, Dept. will implement the e-office in Directorate.
- e-Payment of Royalty/Seigniorage Fee: Online issue of transit permits/passes.

### The Initiatives of the Government:

- Total Transparency in processing and expediting the Mineral Concessions.
- Monitoring of regulatory mechanism through Video Conferences and reviews in person by the Govt.
- State Govt. is concentrating on the revenue realization both for major & minor minerals in spite of its limited resources.
- The Revenue from the Mining Sector is increased to 34%
- Earlier, average growth rate: 10 – 12%
- Revenue on Sand increased to more than 100 folds.
- The State stands First in South India in Mineral Concession, Revenue & Regulatory.



# Telangana State Mineral Development Corporation



## Achievements of TSMDC:

- The TSMDC is facilitating sand to end-user by selling through online portal in transparent manner and consequently balancing the supply and demand thus optimizing the price control and making availability of sand to the common man in the State of Telangana.
- The Annual Revenue for the year 2016-17 earned by the Corporation to exchequer on sand is about Rs. 419.90 CR as against this, the total earnings on sand by erstwhile APMDC was less than Rs. 10.00 CR per annum before division of the State.
- TSMDC has been winning the sand by sustaining the Environmental Management and also duly complying with all Statutory Rules.
- TSMDC has created direct and indirect employment in sand mining for about 20,000 families.
- TSMDC is nominating Mutually Aided Tribal Societies as Raising Contractor for doing Sand Mining in Scheduled Areas and thereby uplifting the life style of weaker sections by duly comply with PESA Rules. Thus the Corporation contributing for economic prosperity of tribals in the scheduled areas.
- TSMDC in co-ordination with Panchayath Raj and R&B Department laying the Roads wherever required connected with sand operations.
- TSMDC is facilitating the prestigious Government programme of construction of 2 bhk housing by supplying of sand free of cost.

## Present Projects:

Black Granite Project, Khammam

Limestone Mine, Devapur, Adilabad Dist.

Sand Mining in the State

Road Metal



## Black Granite Project, Khammam

The Corporation is having quarry lease of Black Granite in Venkataramapuram of Nalgonda District over an extent of 9.90 hectares. The Venkataramapuram quarry is being operated on raising-cum-sale contract basis. The amount of production during the year 2016 -17 is 348.3 CBM and the consideration received is Rs. 31 Lakhs.

## Limestone Mine, Devapur

The Corporation is having Limestone mining lease to an extent of 210 Ha. at Devapur (V), Kazipet (M), Mancherial (D). The Corporation is supplying limestone to M/s Orient Cements for manufacturing of cement. The available deposits are of cement grade occur in association with Penganga group. The Corporation is receiving Rs. 4.20 CR per annum as escot charges and the average production is 4.2 MT per annum.





## Sand Mining In The State

Government of Telangana have entrusted the responsibilities of excavation, supply and transportation of sand to the Corporation. Accordingly, the Corporation have started sand mining in various districts on 12.02.2014. The year wise quantity excavated and revenue earned is as under:

Sl.No.	Year	Quantity in CBM	Revenue in Rs.
1.	2014 – 15	1,82,539.89	10,06,75,237.50
2.	2015 – 16	65,93,574.10	374,98,83,846.50
3.	2016 – 17	69,45,684.70	419,90,75,086.75
4.	2017-18 up to 31.05.2017	17,45,307.50	109,81,17,765.00

## Road Metal

The Corporation has been granted quarry leases for Road metal quarries at Bandiraviryala (26.88 Ha.), Yacharam (266 Ha.), Pillipalli (97.13 Ha.), Arutla (301.6 Ha.), Dandumailaram (191.03 Ha.) of Rangareddy Dist. and Chinnaraviryala (V), Hayathnagar (M).

## New Projects:

### Exploitation of Iron Ore Blocks

The Government of Telangana vide G.O. Ms. No. 81, Industries and Commerce ( Mines-II ) Department dt. 05-11-2015 have notified the Corporation as Nodal Agency for Iron Ore blocks. Presently, Geological Survey of India is exploring the availability of resources of Iron ore and the report is awaited.

### Limestone and Copper Blocks

Governments of India have allotted the following blocks to Telangana Mineral Development Corporation Ltd. for exploration work:

1. Limestone block at Gukteswar in Koraput Dist., Oddisha
2. Limestone blocks at Jeteya, Buruborta & Dumurjowa in West Singhbhum District, Jarkhand State
3. Copper Blocks at Mailaram in Khammam, Telangana State

Action is being initiated for taking up exploration of the above blocks.



# Aerospace & Defence

## Flying Colours

The meteoric progress of Govt of Telangana's initiatives concerning the aerospace and defence sector can only be defined as coming through with flying colours. Hyderabad has long been a defence and aero hub of the country, and the recent progress is aimed at building on that heritage.

Telangana made significant strides in promoting itself as the best investment destination for Aerospace and Defence manufacturing in India. Telangana already has three aerospace parks, a world-class, international airport and five airfields easily accessible via an eight lane outer ring road.

Leading aerospace players such as Boeing, Pratt and Whitney, Lockheed Martin, Sikorsky, Pilatus, RUAG, CFM, Bombardier and GE are having their presence in Hyderabad in manufacturing, training and parts warehousing activities. TATA Advanced Systems, leading aerospace manufacturer in Hyderabad, has expanded its base in the city the previous year, adding engine components and parts manufacturing to its existing JV programmes.



Aerospace Investor Summit- Aero India 2017, Bangalore. Hon'ble Minister for Industries and Commerce, Sri K. T. Rama Rao gave the keynote address at Aero India Investor's Summit, in presence of Hon'ble Raksha Mantri, Sri Manohar Parikkar



Conference on Composites for Aerospace and Defence



Desmi Pumps Plant Inauguration at Nadirgul Aerospace park



Mou with Aerocampus Aquitaine





The city of Hyderabad hosts several leading IT and Engineering firms such as Cyient, Tech Mahindra, Rockwell Collins etc. for design and engineering services related to aerospace.

The state has two Maintenance Repair and Overhaul (MRO) facilities operated by GMR and Air India adjoining to the international airport. Two more new MRO facilities including an Engine MRO facility by a leading OEM are under proposal.

### Key Meetings and MoU's:



Meeting with Mr Ratan Tata, Chairman Emeritus, TATA group, and top management of Tata Advanced Systems Limited



Hon'ble Minister's meeting with leadership team of Rafale International, France



Hon'ble Minister's meeting with senior leadership team of Boeing, US



MOU with Airbus, NSDC and Aerocampus Aquitaine to establish a centre of Excellence in Aerospace manufacturing in Hyderabad



MOU with Cranfield University to set up specialized and advanced aeronautical programmes in Hyderabad



Meeting with Asia Pacific leadership of Airbus Defence and Space





## Trading with tomorrow

**TSTPC** (Telangana State Trade Promotion Corporation) is leading a host of agendas that promise to elevate trade in the state of Telangana. Here's a quick look at the various channels the corporation is working to open up.

The Corporation was incorporated as AP State Export – Import Corporation Ltd. on 05.06.1970 under the Companies Act 1956. On 31.01.1972, the name was changed to AP State Trading Corporation Ltd. The name was again changed as AP Trade Promotion Corporation Ltd. on 14.09.2007. The AP Trade Promotion Corporation (APTPC) came into existence w.e.f.01.11.2007

Consequent to the bifurcation of erstwhile state of AP, in terms of AP Reorganization Act 2014, the APTPC was bifurcated into two – APTPC (AP Unit) and APTPC (Telangana Unit) w.e.f. 02.06.2014.

In pursuance of the Government directions, **“TELANGANA STATE TRADE PROMOTION CORPORATION LIMITED”** has been incorporated on 27.09.2014 under the Companies Act 2013.

### Objectives:

To promote trade and industry from the state of Telangana by taking up:

1. Trade Promotional Activities
2. Establishing Logistic and Trade Promotional Infrastructure
3. Manufacturing and sale of “Golkonda” brand note books both to Government and the open market and taking up other businesses in paper products



### Activities

#### ● **Manufacture and sale of “Golkonda” brand Note Books and Plain Copier Paper**



The Corporation has initially taken up the manufacture and sale of note books to Government in the year 1979-80 with the Govt. supplied subsidized paper. Later in 1985, when the Government stopped the supply of subsidized paper, the Corporation has taken up manufacture and sale of Note books to Government welfare departments and open market by buying paper and other material from the manufacturers through open tender process.

The Paper Products Division of the Corporation has its own Godowns and Administrative building in an area of 2.5 acres of land in Mamidipally, near RGI Airport, Shamshabad, Hyderabad established.

The Corporation has added another line of business of supply of Plain Copier Paper to the Government departments and open market. The turnover of the Paper products division for the last 4 years is as follows:



Financial Year	Turnover in Rs. CR	Remarks
2013-14	37.00	
2014-15	42.00	
2015-16	39.00	A.P. Government Welfare Depts. not placed orders on TSTPC
2016-17	29.00	
2017-18 (Targeted)	40.00 (Likely to exceed)	Introduced supply of Plain Copier Paper (A4 and Full Scape paper) to Govt. and open market



- **Establishment of Logistic facilities**

#### Container Freight Station

Location	: Mamidipally, Opp. to Hardware Park, near RGI Airport, Ranga Reddy Dist.
Area	: 7.1 acres
Project cost	: Rs. 14.00 CR
Purpose	: For the use of trade and industry in Hyderabad and surrounding districts for the purpose of bonding and de-bonding their export / import cargo, customs clearance, stuffing and de-stuffing of containers etc.

- **Trade Promotion**

As a part of promotional activities the Corporation is bringing out monthly trade journal "TS Trade Journal". It has planned to bring out TS exporters Directory, organize seminars and exhibitions to promote international trade from the state of Telangana.

The Corporation is self-sustaining mainly by the profits generated by the Paper Products Division operations.

## Logistics



### Highlights in the Logistics sector

- Ministry of Road Transport and Highways with the objective of improving logistics efficiency in the country has undertaken an initiative for the development of Multi Modal Logistics Park (MMLP) along key routes connected by National Highways. The Telangana state government has proactively signed MoU with CONCOR and NHAI for developing MMLP in the state and thereby become a logistics Hub in the region
- MoU signed with DP World, a Dubai based company for setting up Logistics Park in the State of Telangana
- In consultation with Ernst & Young, a study was initiated for reviewing the logistics infrastructure in the state and identifying enablers that will improve logistics efficiency
- The Government has appointed Director of Logistics to specifically provide thrust to the development of Logistic Infrastructure in the state





## Automotive



### Resurgence

Year 2016-17 witnessed a remarkable revival of the Auto sector in the Telangana State with some strategic investments made by large OEM's as well as the commencement of key value chain activities in the Automotive product life cycle. The year also marked the initiation of an eco-system approach towards making Auto Industry a key component of State's Industrial promotion strategy.

### New Focus

The confidence shown by various Auto Business houses in Telangana's new sector specific policy push was further complemented by the State government with the appointment of a team led by an experienced Auto sector professional to ensure desired sectoral policy push. The team is assigned with the task of defining a long term growth strategy with emphasis on sustainable technology development and in alignment with the GOI's Automotive Mission 2016-26 and NEMMP 2020.

### Strengthening the Bond

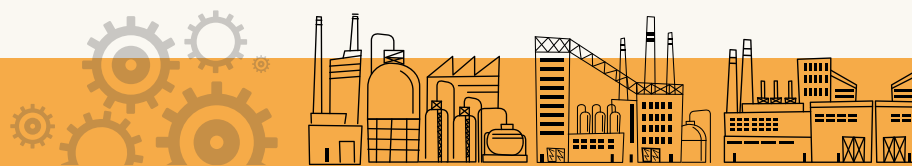
As Telangana state look for new partners to join on this journey to become a hub of varied Automotive activities within India, it also strives to strengthen the ties with its traditional partners by offering them the best possible support in all aspects to maximize their business outcomes from their operations in the state. Consideration and conclusion for incentives for expansion plans for the existing players in Telangana State is treated with equal zeal as it is discussed with new investors. A series of fresh investments made by a number of these organizations is a testimony to the confidence shown by them in the policy focus of state government towards the sector.



Signing MoU with Ashok Leyland



Signing MoU with Shaktiman





## Highlights 2016-17

- Telangana Government signed a Memorandum of Understanding (MoU) with Ashok Leyland to establish a Bus Body Building Unit in the state. The company plans to invest Rs. 500.00 CR and directly employ 1000 people in a phased manner.
- German Automotive giant ZF Friedrichshafen AG (ZF) sign a letter of Intent (LOI) with Telangana Government to setup a technology center in Hyderabad. The tech center is planned over 1 lakh sq. ft. and is expected to employ 2500 engineers by 2020.
- Gujarat based Shaktimaan, an agricultural implements manufacturing company has committed an investment of Rs. 500.00 CR in its new manufacturing unit in Telangana state, providing direct employment to 1000 people.
- Uber India and Hyderabad Metro Rail Limited signed an MoU to roll out Uber's bike sharing service Uber MOTO in the city for the last mile connectivity at metro stations.
- Mahindra Automotive Division planned investments of Rs. 250+ CR in its Zahirabad manufacturing unit for further capacity expansion.
- Rane Brakelinings Ltd. made fresh investments of Rs. 100.00 CR in its Siddipet (medak District) Plant.
- Ace Tyres has made a Investment of Rs. 25.00 CR in its Medak Manufacturing Unit for further expansion.
- Deccan Auto commenced the sales of vehicles produced at its Patancheru manufacturing unit (commissioned in 2015), post successful homologation of its buses by ARAI.
- MLR Auto commenced sales of 3 wheelers produced at its State-of-the-art Manufacturing unit at Kallakal in FY 2016-17, to an overwhelming market response.

“ Hyderabad's geographic location on India's Map offers a unique strategic advantage, which is further complemented by excellent highway access to Bangalore, Pune and Chennai allowing for fast movement of finished and unfinished goods to and from these cities. Further support from Telangana State Government on policy front with its groundbreaking TSi-PASS that provides single window for clearances makes it even more simpler to do business here.

Post formation of Telangana state, the industrial zones have witnessed a remarkable improvement in the power supply with zero disruption which is a big boost to the automotive units operating from here. The reputed Technical institutes in the region further ensure adequate supply of quality manpower for the Auto Industry. ”

Mr. M. Lokeswara Rao, Director, MLR Auto

“ We have the second largest presence of our employees (outside headquarters San Francisco) in Hyderabad. That is one of the reasons I am here and the other is that Telangana has a very progressive government... And what does it mean to be progressive... It means the future in Hyderabad has less congestion on streets, lesser air pollution and more people having an opportunity to earn a living by serving their city. I thank the city for embracing this kind of innovation. ”

Mr. Travis Kalanick, UBER Founder and CEO



## Sugar



### The Main Objectives of the Department:

- **Sustainability of industry**

The Department assists the Central/State Governments for erection of new sugar factories by preparing the Feasibility Report, helping to strengthen the Sugar Mills by getting the Schemes/Financial assistance from Central/State Governments for Diversification, Expansion & Sugarcane development, coordinating the Factory-Farmers relationship for smooth running of Sugar Industry and protecting the interests of farming community.

- **Dissemination of Research & Development (R&D) activities to target areas**

The department, launched the Research & Development activities developed by the Research Institutes in the sugarcane farmer fields for high yielding, pest, disease & drought resistance. For sugarcane, the R&D activities are being carried out at Basanthpur (Sangareddy DT), Rudrur (Nizamabad DT) in Telangana.

- **Introduction of Innovative practices in sugarcane cultivation by the Government**

The Central-State schemes such as Macro Management Mode in Agriculture, Seed Village Program, National Food Security Mission, Drip Irrigation Scheme & Farm Mechanization in sugarcane are launching successfully. The State Govt. has released budget of Rs. 12.00 CR towards Farm Mechanization during 2014-15 & 2015-16 and very much supported the sugarcane farmers.

- **The Department Enforces State & Central Acts on sugar mills**

The Sugar Department acts as liaison between farmer and Sugar mill in plantation of sugarcane, agreement, issuing of permits, supply of cane, timely payments of cane price by sugar mill, regulating cane drawals, directing the Sugar mills to crush entire cane developed in their reserved zone area through State & Central Sugarcane Acts.



Sugarcane Harvester Distribution by Hon'ble Minister for Agriculture Shri Pocharam Srinivas Reddy





### Target Areas:

Primary target is achieving high yields of sugarcane with superior quality for getting increased profits by utilizing the best varieties & practices of Research stations, and latest & innovative practices of sugarcane cultivation. Sugar mills are the secondary target. We mean to strengthen them to utilize 100% installed capacity for achievement of targeted sugar, Ethanol & Power Production.



Sugarcane Drip Installation with Screen Filter

### Performance:

In the State of Telangana eleven sugar factories are situated in seven districts, out of which seven under Private Sector (two in Kamareddy dist., two in Sangareddy dist., two in Khammam dist., and one in Wanaparthy dist.) are running successfully. The remaining four are defunct i.e., one is under Cooperative Sector (since 2008). Three under Joint Ventures are defunct. The capacity utilization of sugar mills were 68% during 2014-15, 80% during 2015-16 and only 35% during 2016-17 because of lowest yields due to drought conditions prevailed. Due to low crushing and the present installed distillery capacities, the State sugar mills are not in a position to reach the target fixed by GOI for supply of Ethanol for blending purpose of IOC and the gap may increase for the future increased requirements of the country.



Sugarcane Plantation, Sugarcane Nursery Developed in Trays





## Food Processing

### Processing Progress

The food processing sector is a fast growing and important sector in Telangana. Following are the developments that have taken place in the past year.

The Food Processing Sector has emerged as an important segment of our state economy in terms of its contribution to GDP, employment and investment.

Telangana State Food Processing Society was established for encouraging the Food Processing Industry in the State. The Society has implemented 17 projects in Food Processing Sector with a total investment of Rs. 93.65 CR under National Mission on Food Processing during 2013-15.

The following projects are under implementation in Telangana State with assistance from Ministry of Food Processing Industries, Government of India.

#### Setting up of Mega Food Parks

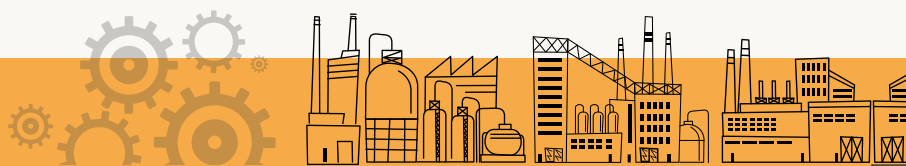
1. M/s Smart Agro Mega Food Park Pvt. Ltd. in Nizamabad district
2. M/s Raaga Mayuri Agrovet Pvt. Ltd. in Gadwal district
3. M/s TSIIC Food Park in Khammam district.
4. M/s Basavashakti Mega Food Park Pvt. Ltd. in Sanga Reddy district

#### Setting up of Integrated Cold Chain Facilities

1. M/s Gubba Cold Pvt. Ltd. in Ranga Reddy district
2. M/s Prima Foodtech in Medak district



“Telangana State Food Processing Policy” is being launched by the Telangana Government shortly, to provide a big boost to the growth of Food Processing Sector in the state which will help in providing better prices to farmers and creating huge employment opportunities, especially in rural areas. This will also help in reducing wastage of agricultural produce, increasing the processing level, availability of safe and convenient processed foods at affordable price to consumers and enhancing the export of the processed foods.



## New Initiatives



### Telangana Industrial Health Clinic Ltd. (TIHCL)

The Government noticed three gaps in the micro and small enterprises sector that need to be plugged through innovative institutional support system at a time when proper industrial eco system is getting into shape in Telangana through various effective policy instruments.

#### The three gaps are:

- Declining credit to micro manufacturing enterprises
- Inadequate support to those small enterprises on the growth path to get into equity markets
- Revival and restructuring of viable MSE manufacturing enterprises even within the existing RBI guidelines

Telangana Industrial Health Clinic Ltd (TIHCL) with support from the TSIDC is set up as an independent, autonomous NBFC with a corpus fund of Rs. 100.00 CR of which the state government will be contributing Rs. 10.00 CR or 10%. Government of India is expected to provide grant-in-aid support of Rs. 50.00 CR. Rest of the corpus will be mobilised through not only the Banks, FIs, and HNIs but also the MSMEs' contributing at the rate of 1% of the funded sanctioned limit with a minimum of Rs. 10,000 and maximum of Rs. 2 lakhs. Thus this Corpus Fund for TIHCL is far different from the Funds that have come up so far in the country in that the principal stakeholders are expected to participate sharing the risks of operations.

The three business arms of the TIHCL involve facilitation to extend credit to the micro manufacturing enterprises with a composite loan facility from the partnering Banks and FIs to a maximum extent of Rs. 25 lakhs each; assisting the small enterprises to take to capital markets with an investment of Rs. 50 lakhs per unit for ten units during the first year; and prevent incipient sickness with bridge finance for delayed bill payments from the government and PSUs to the extent of Rs. 5 lakhs per unit and to provide viability gap funding to a limited extent on case to case basis for the viable micro and small manufacturing enterprises considered fit for revival at soft rates of interest.

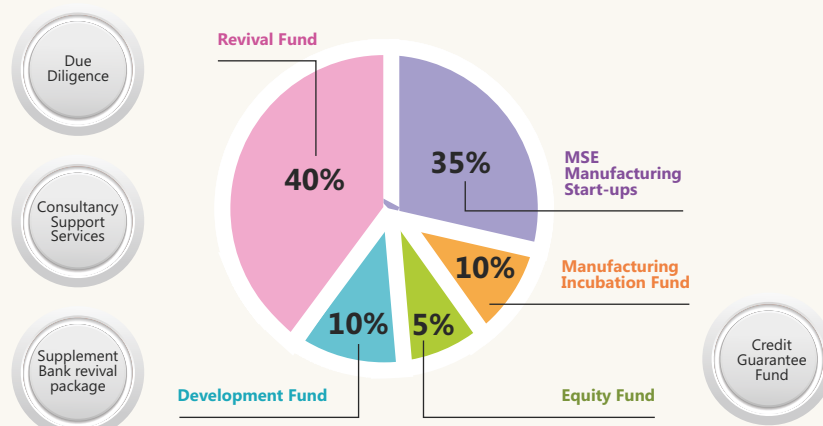
Stressed assets resolution through proper diagnostics and effective treatment would prove a business opportunity. Micro, Small Enterprises are provided credible, responsible and responsive consulting and timely advisory services are provided.

TIHCL will operate as a Fintech company with credible consulting experts in the fields of finance, technology, marketing, branding and management. It will handhold the enterprises to ward off the compliance risks for the partnering commercial banks.

Research studies focusing on key sectors for activating revival and rehabilitation through competent institutions provides the base for its business decisions. Its Board is equipped with independent professionals.

#### TSIDC-SPV: Industrial Health Clinic Corpus Risk Spreads

Corpus Fund: Telangana Govt. +  
Gol+Industry+FIs+Banks=  
Rs. 1000.00 Million



## Research and Innovation Circle of Hyderabad (RICH)

The Government of Telangana, in its Industrial Policy, envisaged the setting up of a radically new kind of initiative, called "Research and Innovation Circle of Hyderabad (RICH)", to create strong synergies between and within Research Institutions, Academic Institutions, Industry and Entrepreneurs, with the active support of the State government. RICH will initially work in:

- Pharmaceutical, Biotech, Medical devices and Nutraceutical products
- Food and Agriculture products and technologies
- Aerospace and Defence

Four research and four academic institutions were consulted to seek their views on this initiative.

All the four research institutions (CCMB, IICT, ICRISAT and LVPEI), and all four academic institutions (IITH, ISB, IIIT and NALSAR) expressed strong support and commitment to creating RICH.

The Central Minister of State for Science and Technology, and the Scientific Advisor to Raksha Mantri also gave their full support to the initiative.

RICH was formally inaugurated on February 24, 2017 at the IICT CSIR Auditorium in Tarnaka, by the Hon'ble Minister of State for Science and Technology, Sri Y. S. Chowdary, together with Dr. R. A. Mashelkar, former Director General of CSIR, Dr. G. Satheesh Reddy, Scientific Advisor to the Raksha Mantri and Mr. K. Taraka Rama Rao, Minister for Industries, IT and Urban Development, Government of Telangana.

RICH will initially focus on cataloguing the products and technologies developed by the Partner Research and Academic Institutions, documenting the equipment and processes in the Institutions and listing the Intellectual Capital in the form of Faculty and Researchers.

RICH has also simultaneously reached out to leading industry associations and companies, and entrepreneurs to understand their needs in these sectors.

RICH will take these products and technologies to appropriate markets so that such intellectual capital is monetized, and the Institutions, Scientists and the State benefit through jobs and wealth creation.



Inauguration of RICH



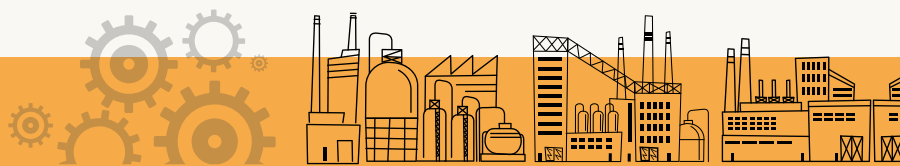
Inauguration of RICH

“ I am happy to see the impact RICH aims at by putting research and innovation together. The tripod of talent, technology and trust will take Hyderabad and the nation to its rightful destiny as number one in global innovation. ”

**Dr. R. A. Mashelkar**

“ I am happy to see the growth in the defence sector in Hyderabad over the years. I assure the best support from the Ministry to RICH in the integration of research, industry and academia to support innovation. ”

**Dr. G. Satheesh Reddy**





## Industry Tie-ups

**FICCI** organized an interactive session with Sri K. T. Rama Rao, Hon'ble Minister in Charge, Industries & Commerce, IT, Municipal Administration & Urban Development, Public Enterprises, Sugar, Mines & Geology, NRI Affairs, Government of Telangana on April 25, 2017 in Kolkata.



Hon'ble Minister invited industrialists present at the session to explore investment opportunities in the state and be a part of the growth story of Telangana

**Man'Exe 2016**, the Flagship event of CII Telangana was organized with the focus on the theme 'Make in Telangana: Sustainable Growth through Innovation and Future Technologies'. The Conference deliberated technical sessions like Make in Telangana – An Ecosystem for Competitive Manufacturing, Evolving Opportunities in Advanced Manufacturing and Emerging & Future Technologies in Manufacturing.



**The 7th Global Summit on Skill Development**, was organised in Hyderabad with the theme of "Networking for Globally Transferable Skills". The objective of the Summit was to explore today's most pressing issues on skill development while bringing together opinion leaders from across nations. The summit was addressed by Mr. Bandaru Dattatreya, Union Minister of Labour and Employment, Government of India; Mr. Nayani Narasimha Reddy, Minister for Home & Labour Employment Training, and Factories, Government of Telangana; Mr. B. V. Papa Rao, IAS (Retd), Special Advisor To CM, Policy & Institutions, Govt. of Telangana, among others.

**CII Telangana**, in partnership with the Government of Telangana and Software Technology Parks of India, organized the first edition of the Tech Summit in Hyderabad. The objective of the Summit was to discuss and address the challenges and opportunities present in various sectors as Defence & Aerospace, Pharma & Healthcare, Agriculture and Logistics. The Conference also focused on the areas of Digital Transformation of Telangana: Digital Technologies in building Smart Societies and Harnessing Disruptive Technologies for Business.



Meeting on TIF MSME Green Industrial Park, Dandu Malkapur & handing over of cheque for Rs. 10.00 CR to TSIC towards land cost



Thanking CM for allotting land 400 acres to TIF MSME Green Industrial Park





1. Visit by Hon'ble MP Sri Vinod and Hon'ble Minister Sri K. T. Rama Rao to Karimnagar training Centre of ALEAP
2. Smt. K. Kavitha, Hon'ble MP Nizamabad, Inaugurating the training centre of ALEAP at Nizamabad
3. Training Centre for Women
4. Meeting with Ambassador of South Korea, Cho Hyun
5. Meeting with founder of Oyo Rooms- Ritesh Agarwal
6. Meeting with CEO of Niti Aayog - Amitabh Kant
7. Meeting with Japanese team at Invest India
8. Signing MOU with UDAAN
9. Meeting With Australian High Commissioner on Nov 8, 2016

## Recent Developments

### Micromax opens second manufacturing plant in Hyderabad

Micromax, the home-grown mobile phone maker, inaugurated its manufacturing facility at the semiconductor hub Fab City in Hyderabad (Telangana). In the first phase, the company has already invested over Rs. 100.00 CR in the project, which will manufacture mobile handsets, LED TVs, LED lights etc. for Micromax brand.

### HSIL to open two new plants in Telangana

Sanitary ware major HSIL Ltd. is set to commission two new plants — one each to produce CPVC pipes and security products – in Telangana, with an outlay of Rs. 300.00 CR. These will be launched in March and July respectively.

### Monginis Food Pvt. Ltd. announced its foray into Telangana

Monginis Food Pvt. Ltd. announced its foray into Telangana, with the launch of a bakery spread over 34,000 sft in Bollaram. The company plans to spread its footprint across the state through more than 100 franchisees in the next five years.





### **CtrlS plans 2nd data centre in Hyderabad**

CtrlS Datacenters Ltd., country's leading data centre with the capability to provide 99.995% uptime service level agreement (SLA) mostly in telecom, IT/ITeS, manufacturing, banking, financial services, will set up its second tier-4 Data Centre here.

### **3 Industrial parks to come up for women**

Industries Minister Sri K.T. Rama Rao announced that the state government would set up three industrial parks exclusively for women at Toopran, Sultanpur and Nandigama. Participating in the International Women's Day celebrations at Industries Bhavan, KTR said all the proposed Women's Industrial Parks would be developed into Industrial Local Areas (ILAs).

### **T-Hub signs MoU with pharmaceutical major Novartis Healthcare**

T-Hub, a startup incubator set up by the Telangana Government today said it has signed an MoU with pharmaceutical major Novartis Healthcare Private Ltd. (NHPL) to create and execute joint programmes that would benefit Health Tech startups from across segments.

### **MoU signed with Johnson & Johnson Hyderabad**

The Telangana Government signed a memorandum of understanding with healthcare multinational company Johnson & Johnson for making the state TB free on the second day of Industries Minister Sri K. T. Rama Rao's business tour of the US.

### **TS Govt inks pact with Microsoft Hyderabad**

Government of Telangana has signed a Memorandum of Understanding (MoU) with Microsoft Corporation India Private Ltd., by which Microsoft will help government explore cloud, machine learning and mobile based solutions to improve citizen services, education, healthcare and agriculture in the state.

### **Airbus to establish Skill Development Centre in Hyderabad**

European aerospace major Airbus signed a Memorandum of Understanding (MoU) with the Telangana government, the National Skill Development Corporation and Aerocampus France to set up an Aerospace Skill Development Centre in Hyderabad. The MoU was signed in the presence of Rajiv Pratap Rudy, Union Minister of State for Skill Development and Entrepreneurship, and Sri K. T. Rama Rao, Telangana's Minister for Industries and Commerce.

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## **Further Developments**

- An amount of Rs. 1200 CR has been proposed towards the assistance to weavers.
- Scheme for sheep rearing for Yadava community has been proposed, where sheep will be provided at 75% subsidy.
- For the welfare of Navi-brahmins and Washermen communities, Rs. 500.00 CR is proposed to be allocated.
- Welfare of backward classes: Proposed residential intermediate schools in 119 constituencies are expected to benefit 76,160 students at a per-capita expense of Rs. 1.05-25 lakhs on resources and facilities.
- Financial assistance under the Kalyana Lakshmi and Shaadi Mubarak Schemes is proposed to be increased from Rs. 51,000 to Rs. 75,116.
- The government proposes to provide Rs. 12,000 for pregnant women. An additional Rs. 1,000 will be provided for the birth of a girl child.
- KCR Kit is proposed to be provided to new born children. The kit will consist of 16 essential things needed for a new born baby for the first three months. The amount proposed under this scheme is Rs. 605.00 CR.
- Salaries of Anganwadi teachers has been increased from Rs. 7,000 per month to Rs. 10,500 per month.
- To encourage the implementation of the Two Bedroom Housing Scheme, the government is providing sand for free of cost. In addition, the government has entered MoU with 31 cement companies to provide cement at Rs. 230 per bag, as opposed to a market rate of Rs. 320 per bag.





## Awards & Recognitions



### Telangana chosen for CNBC-TV18's 'Promising State of the Year' Award



Telangana State has won CNBC-TV18's India Business Leader Award (IBLA) under the 'Promising State of the Year' category. Hon'ble Minister for Industries, IT and MA&UD Sri K. T. Rama Rao received the Award from Union Minister for Finance Sri Arun Jaitley in New Delhi on 30th August, 2016

### Telangana bureaucrats win Skoch Award in Social Inclusion category



IT E&C Department Secretary Sri Jayesh Ranjan and Finance Department Special Chief Secretary Sri K. Pradeep Chandra were selected for the Skoch Challenger Award under Social Inclusion category for their efforts in promoting entrepreneurship among Dalits through Industries Department. Sri Jayesh Ranjan received the award from Union Urban Development Minister Sri M. Venkaiah Naidu.

### Telangana State Skill Development Mission (TSSDM) gets ASSOCHAM Award



Telangana State Skill Development Mission (TSSDM) won ASSOCHAM's 'Best State in Skill Development' Award. Sri K Madhukar Babu Executive Director EGMM received the Award from Union Minister of State Skill Development and Entrepreneurship (Independent Charge) Sri Rajiv Pratap Rudy on 15th March, 2016 in New Delhi.

### Telangana Police secure Best Performing State Award



Telangana secured Best Performing State Award at the All India Police Duty Meet held in Mysore from December 19-23, 2016. Telangana Police also won awards under 'Scientific Aids to Investigation', 'Forensic Sciences', 'Computer Awareness', 'Lifting and Packing of Exhibits', 'Police Dog Investigation' and 'Best State in India for empowering Police with Information Technology' categories.



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