

TELANGANA

A New Star on the Education Horizon



► Shri K Chandrashekar Rao
Chief Minister of Telangana

Presented by



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*Education is the most powerful
weapon which you can use to change the world*

- A. P. J. Abdul Kalam



Bathukamma Festival of Telangana, India



A New Star on the Education Horizon


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Indian School of Bussiness, HYDERABAD, INDIA



Rajiv Gandhi University of Knowledge & Technology, Basar,
Telangana, INDIA



INAUGURATION OF
UNIVERSITY AUDITORIUM
ON MARCH 19, 2016

BY
Hon'ble Sri K. CHANDRASHEKAR RAO
CHIEF MINISTER OF TELANGANA

IN THE AUGUST PRESENCE OF
Hon'ble Sri Justice ANIL R. DAVE
JUDGE, SUPREME COURT OF INDIA

Hon'ble Sri Justice DIPAK MISRA
JUDGE, SUPREME COURT OF INDIA


Hon'ble Sri Justice N.V. RAMANA
JUDGE, SUPREME COURT OF INDIA

AND
Hon'ble Sri Justice DILIP BABASAHEB BHOSALE
ACTING CHIEF JUSTICE, HIGH COURT OF JUDICATURE AT HYDERABAD &
CHANCELLOR, NALSAR UNIVERSITY


Prof. Faizan Mustafa
Vice-Chancellor

March 19, 2016, Hon'ble Sri K. Chandrashekar Rao, Chief Minister of Telangana at the Inauguration of Nalsar University Auditorium, HYDERABAD, INDIA






रमेश पोखरियाल 'निशंक'
Ramesh Pokhriyal 'Nishank'



सत्यमेव जयो

मन्त्री
मानव संसाधन विकास
भारत सरकार
MINISTER
HUMAN RESOURCE DEVELOPMENT
GOVERNMENT OF INDIA



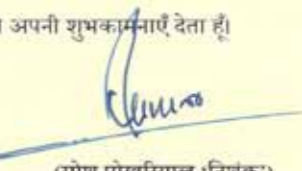
संदेश

मुझे यह जानकर प्रसन्नता हुई है कि शिक्षा विभाग, तेलंगाना सरकार एवं इलेट्स टेक्नोमीडिया संयुक्त रूप से 16वें विश्व शिक्षा सम्मेलन का आयोजन कर रहे हैं।

मानव सभ्यता के मार्ग पर तेज यात्रा करते हुए यदि जीव-जगत का सिरमौर बन सका तो शिक्षा की इसमें महती भूमिका है। शिक्षा के द्वारा मनुष्य की चिंतन-प्रक्रिया का परिष्कार हुआ है, उसकी विचार-भूमि उर्वर हुई है, दृष्टि प्रखर हुई है और वह नीर-क्षीर विवेकी बन सका है। उसने शिक्षा के माध्यम से जीवमात्र के कल्याण के लिए अनेक संभावनाओं को जाना-समझा है, उनके लिए अनेक प्रयोग किए हैं और तब कहीं अपेक्षित परिणामों अथवा निष्कर्षों तक पहुंच पाया है। शिक्षा से मनुष्य मात्र ने रोग का समाधान करना सीखा, उन्नत खेती के तरीके ईजाद किए, कलाएं सीखीं, आधुनिक संसाधनों पर यात्राएं कीं – दुनिया की भी और अन्तरिक्ष की भी...। भारतीय प्रज्ञा ने तो शिक्षा को अपने अंतर्जगत की यात्रा का भी साधन कहा है। यह सब संभव हो सका है, शिक्षा के माध्यम से। शिक्षा के बारे में स्वामी विवेकानंद के विचार थे – “मनुष्य की अंतर्निहित पूर्णता को अभिव्यक्त करना ही शिक्षा है।”

शिक्षा की बृहत्तर अवधारणा में जागतिक और पराजागतिक सत्य का साक्षात्कार करना, उनके गुण-धर्म का विवेचन करना तो है ही, स्वयं को बौद्धिक, शारीरिक और आत्मिक परिष्कार की नई ऊंचाइयों पर पहुँचाना भी है। शिक्षा को प्रत्येक युग में समय-सापेक्ष परिवर्तन की आवश्यकता रही है और आधुनिक शिक्षा भारत में उपनिवेशकाल से अब तक नए-नए रूपों में ढलती गई है। वैश्वीकरण के युग में शिक्षा को सूचना-संचार, प्रोग्रामिंग और नई वैश्विक अवधारणाओं से जोड़ा जाना अपरिहार्य हो गया है। 'डिजिटल इंडिया' नए भारत की छवि प्रस्तुत करता है और इस नए भारत में शिक्षा को तकनीकसम्पन्न और वस्तुनिष्ठ बनाने के साथ-साथ आधुनिक विज्ञान के निकष पर खरा सिद्ध करना जरूरी हो गया है। भारत सरकार की प्रस्तावित राष्ट्रीय शिक्षा नीति, 2020 इस दृष्टि से शिक्षा-प्रणाली और शैक्षिक-सामग्री पर आलोचनात्मक दृष्टि से विचार करते हुए ज्ञान के नए गवाक्ष खोलने की तैयारी कर रही है। मुझे आशा है कि इस विश्व शिक्षा सम्मेलन में शिक्षा के क्षेत्र में नवप्रवर्तन की संभावनाओं पर विशद विचार-विमर्श हो सकेगा।

16वें विश्व शिक्षा सम्मेलन के आयोजन पर मैं आयोजकों एवं प्रतिभागियों को अपनी शुभकामनाएँ देता हूँ।



(रमेश पोखरियाल 'निशंक')

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P. SABITHA INDRA REDDY
Minister for Education,
Government of Telangana.



Hyderabad,

Date: 20-01-2019

MESSAGE

The State government's initiatives are laying foundation of solid economic growth model, creating finest possible educational opportunities.

The Higher Education Department in the State deals with the higher education i.e., college education, technical education and universities. Objectives of the department are development of Undergraduate and Post graduate education, Increasing Access to Higher Education, encouraging private participation in the expansion of Collegiate Education, development of infrastructure in Government Colleges, ensuring maintenance of high standards of education in colleges.

Telangana State Collegiate Education Department and Technical Education Department has commissioned the production of a coffee table book which will highlight the progress of the state since its formation, education eco-system, policies, progress, status report of ground level industrialization will be produced.

Elets Technomedia - Asia & Middle East's premier research and technology media organization will coordinate the production and publication of Coffee Table Book.

I wish the Coffee table book a grand success and hope that the information and knowledge exchange is deployed judiciously across cities and states.

(Smt. P.SABITHA INDRA REDDY)

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Navin Mittal, IAS
Commissioner



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Collegiate Education & Technical Education Department

Dated: 23.01.2020

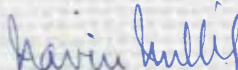
MESSAGE

The Department of Collegiate & Technical Education, Government of Telangana and Elets Technomedia is coming up with a Coffee Table Book highlighting the progress of the State since its formation in developing a robust Education Ecosystem backed by favourable policies and initiatives at the ground level.

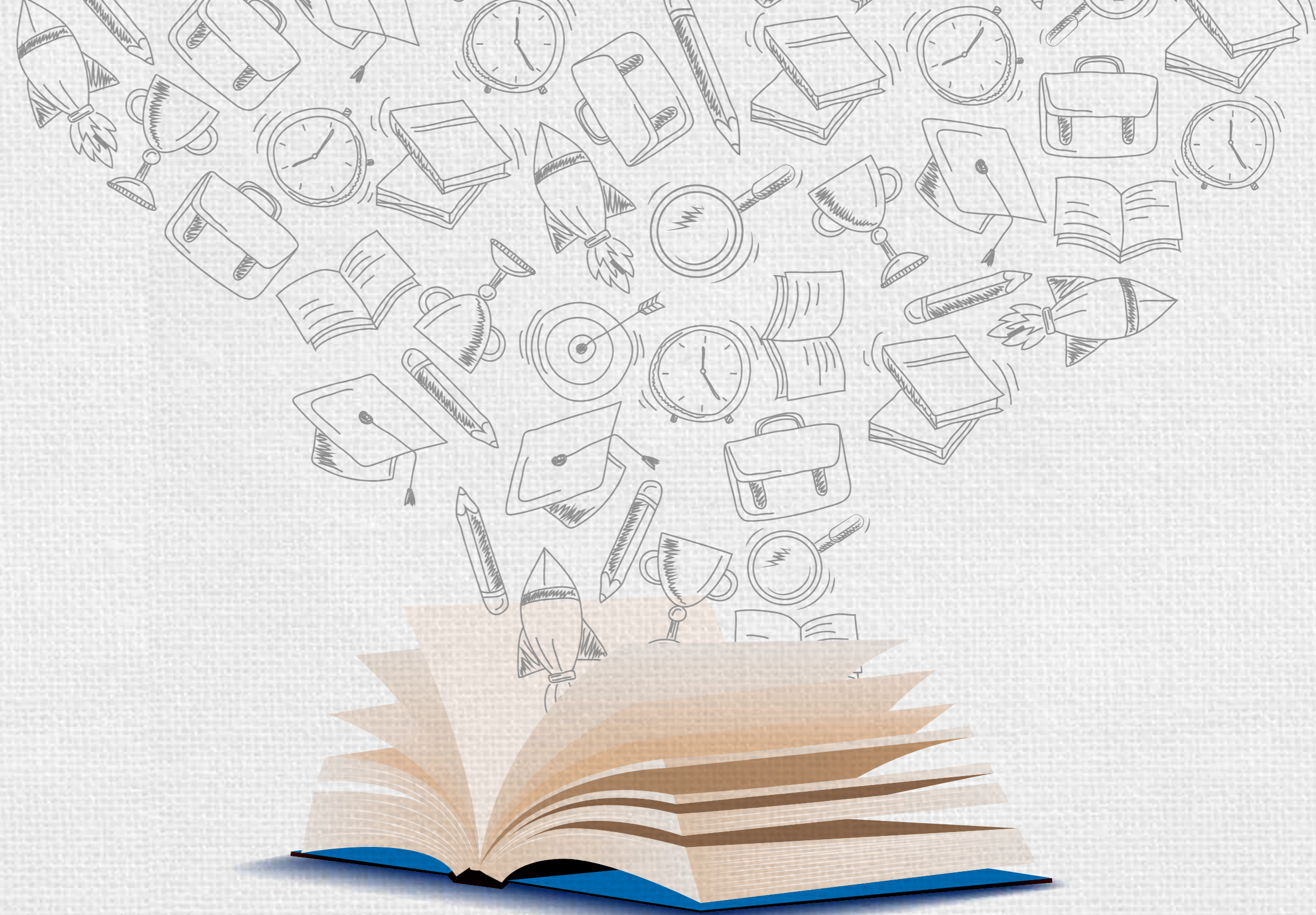
The Department of Collegiate & Technical Education is helping to increase access to Higher Education, encouraging the expansion of Collegiate Education through setting up of new Private Universities, development of infrastructure in Public Universities and Government Universities especially with the support of RUSA, ensuring the maintenance of high standards of quality education in colleges, development of new curriculum with focus on employability skills, and also the use of IT and modern technology for improvement of quality in academics and administration in the state.

We also aim to provide quality education to the underprivileged sections of the society and women, particularly in the rural areas. It is very full-filling to see that our State is among the forefront state in terms of education and we are aiming to transform the citizens of our State and Country into better human beings.

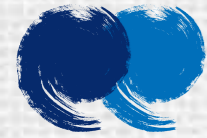
I am delighted to get the opportunity to be the part of this informative Coffee Table Book and also, I convey the best wishes and congratulate both the Department and Elets Technomedia for this initiative.


(Navin Mittal)

EDUCATIONAL
Landscape of
TELANGANA



School Education



Education is a fundamental right, which, when acted upon, leads to the achievement of the goal of "Education for All". Over the years, efforts have been made at the state and national level to achieve this goal. The educational programmes currently being implemented for strengthening school education in Telangana are: (1) 'Sarva Siksha Abhiyaan' (SSA) to universalise elementary education; and (2) 'Rashtriya Madhyamik Shiksha Abhiyaan' programme (RMSA), to improve the access and quality of primary and secondary education. The following measures have been initiated under these two programmes in the state:

- 100% Aadhar linkage of students in Government, Aided and Private schools.
- Building ICT-enabled 'Digital Classrooms' in all Government / Local Body schools.
- Providing biometric attendance system for teachers and students
- Initiating Swachh-Bharat-Swachh-Vidyalaya programme in schools to ensure toilet facility.
- Building furnished classrooms with computers, K-Yans & LCD projectors & screens
- Proving transport facility
- Developing hostels, etc.



Gender & Equity

Samagra Shiksha aims to provide elementary education to the children in the age group of 6-14 regardless of social, regional or gender gaps. In terms of gender and equity gaps, major interventions are focused on Kasturba Gandhi Balika Vidyalayas (KGBV) and boarding schools to provide girl students with basic amenities.

Kasturba Gandhi Balika Vidyalayas/Girl hostels: The objective of Kasturba Gandhi Balika Vidyalayas is to ensure that quality education is accessible to the girls of disadvantaged sections of the society through residential schools at the elementary level. As many as 475 Kasturba Gandhi Balika Vidyalayas are functioning across Telangana with an enrollment of 88,409 girls against an intake of 95,320 girls. There are 154 girl hostels along with KGBV schools with an enrollment of 15,180 against the intake of 15,400 girls.

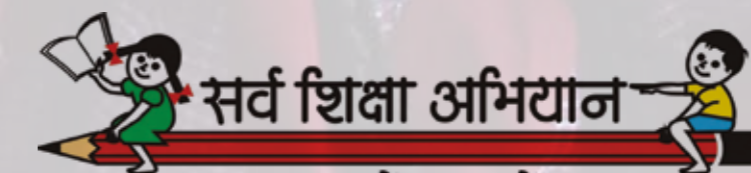
Upgradation of KGBV schools: As many as 88 KGBVs have been upgraded to intermediate level with an intake of 40 students in each stream.

Pragna Fest: Every year on the occasion of National Girl Child Day, Telangana organises a four-day fest to encourage children think creatively and make presentations on the extra-curricular activities they are involved in. The government awards the students in this fest based on their performance. The aim is to encourage out of the box thinking among children.

Teaching Self-defence: Girl students are being trained in martial arts and other methods of self-defence.

Health Kits: Health kits are provided to the girl students of Classes VII to XII in Government schools, Model schools, KGBVs, TREIS and Government-aided schools.





सब पढ़ें सब बढ़ें



Collegiate & Higher Education



There are 131 Government degree colleges and 68 Aided colleges in the state. As many as 76,779 students are enrolled in the Government degree colleges and 34,922 students are enrolled in aided colleges.



New Courses



Employability Enhancement



Academic Enhancement



Capacity Building



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New Courses: The Department of Collegiate and Higher Education has been introducing new need-based, job-oriented courses like Biotechnology, Microbiology, Computer Science, Communicative English, Tourism, Advertising and Sales Promotion, etc., in Government colleges in the last few years on partial self-financing basis. Post-graduate courses on self-financing basis are being sanctioned every year on the basis of demand and facilities available. During 2017-18, one new PG course was sanctioned in one college, 32 restructured under-graduate (UG) courses were sanctioned in 21 colleges and 29 additional conventional UG courses were sanctioned in 17 colleges.

Employability Enhancement: The Department, in collaboration with Telangana Skills and Knowledge Centres (TSKCs), is imparting a varied spectrum of skills beyond conventional degrees to make the student confident and self-reliant when he/she enters the employment market. Placement drives are also organised for the benefit of students. The Department has signed an MoA with UNDP under the project 'Creating Opportunities for Employment and Entrepreneurship for Women in India' facilitated collaboration in strengthening the Government degree colleges in their role as career guidance, counselling and skills centres to facilitate establishment of close linkages with the businesses/private sector to open up a range of internship and job opportunities for girls.

T-SAT-NIPUNA (MANA TV): T-SAT-NIPUNA telecasts educational programmes to enhance academic performance of the students, along with creating awareness in career prospects. MANA TV has been installed in 95 colleges of the state. It can broadcast one-way video and two-way audio. T-SAT-NIPUNA provides a uniform teaching experience as a single teacher's expertise can be extended to all colleges; offers an opportunity to repeat the lessons through recorded telecast; helps in overcoming the shortage of teachers and experts in colleges.

Student Interactive Programme: is an initiative where students get an opportunity to present study projects/seminars/GDs along with their teacher who mentors them.

Capacity Building: Academic leadership, capacity building and quality enhancement are the major objectives of the Department. District Resource Centres (DRC) have been established in select colleges of 30 districts with an objective of optimum utilisation of resources by encouraging pooling and sharing among all government colleges in the district. This provides additional support to the students of Government degree colleges situated in semi-urban, rural and remote areas.

- Gifted Rural Meritorious Students of Telangana state
- 6 Years Integrated B.Tech. Programme , 2 Years M.Tech Programme
- Faculty from IITs , Central Universities ,Ph.Ds & Post Docterates
- Lush Green Campus -272 acres , State of the Art Residential facility for Staff & Students & Working with industry on Cutting Edge Technologies like AI,ML, Robotics, Blockchain etc. & Smart India Hackathon Winner 2019
- 7000+ students , 4000+ GIRL students - WOMEN EMPOWERMENT
- NASA AMES Space Settlement Contest 2018(Project TRIDAKSHA)
- ICT Based Education - 140+ Smart class rooms - Dedicated Laptop
- Alumni in Govt. sector , TSPSC , top MNCs ,IITs & IIMs.
- Telangana's Biggest Rural Technical Festival - ANTAHPRAGNYA
- International Conferences & Top 15 in NPTEL chapter
- Sports, NSS, NCC, Outreach Programs & Gala Cultural Event - TRINAYANA



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🏆 MOST TRUSTED EDUCATIONAL INSTITUTE IN ASIA AWARD WINNER 2019

🏆 INDIA'S MOST TRUSTED EDUCATION AWARD 2019

🏆 First ICT based University in Telangana for rural meritorious students

Project Developed HUMANOID ROBOT

-Learning by Doing method.

Electric Bike and Electric Car developed by our Students

E-BIKE
E-CAR

🏆 INNOVATION AWARD 2019 at TELANGANA INNOVATION SUMMIT

🏆 EXCELLENCE AWARD WINNER for providing high standard education to rural youth through ICT World Education Summit, 2019

🏆 EXEMPLARY CONTRIBUTOR OF EDUCATION SECTOR AWARD-2019

🏆 NATIONAL MERIT AWARD FOR BEST PRACTICES In Human resource conclave at Jaipur 2018

🏆 IT IN HIGHER EDUCATION AWARD WINNER. At 10th India IT Summit, (2014)

🏆 MoU with NASSCOM, CITT, NCRI and NFTDC, NIT-Warrangal, KHIT



Dr. A. ASHOK I.A.S
Vice Chancellor
RGUKT Basar



INDIA'S BIGGEST RURAL TECHNICAL FESTIVAL



RUSA-The Odyssey



The Government of Telangana is making great strides in higher education and is committed to offer high quality education to all. The Ministry of Education has envisioned to attain this goal by way of infrastructure development; introducing academic and administrative reforms like CBCS (Choice Based Credit System) in UG & PG courses which have been uniformly implemented in all State Universities. Degree Online Admissions (DOST) and equity measures like Course on Gender Sensitisation, etc, demonstrate the focus of the Government in closing the accessibility and gender gaps. All these goals are being realised to a great extent with the intervention of MHRD through **Rashtriya Uchchatar Shiksha Abhiyan (RUSA)** in collaboration with the State Government in the funding pattern of 60:40.

The key impact of RUSA has been the increase in number of Government degree colleges with NAAC accreditation from 29 to 64 colleges in the last few years. This in turn has fetched the state Rs. 510.00 crores of RUSA Grants, which includes RUSA 1.0 and RUSA 2.0. While RUSA 1.0 ensured establishment of infrastructure, RUSA 2.0 has laid emphasis on quality enhancement through its key components viz. Component-4 (Enhancing Quality and Excellence in Select State Universities), Component-8 (Enhancing Quality and Excellence in Select Autonomous Colleges), Component-10 (Research and Innovation) and Component-13 (Faculty Improvement).



Technical Education

The Department of Technical Education's endeavours to bring out good engineers and technicians with profound knowledge, skill, improved efficiency and productivity for industrial development in the state. The Department manages Government polytechnics and monitors private unaided polytechnics and professional colleges. At present, there are 900 diploma and degree-level professional institutions in the state with a total intake of 1,95,565 students.

Innitiatives by Department of Technical Education

- e-Office
- Aadhar Based Biometric attendance system
- A continuous evaluation scheme has been introduced in Diploma examinations in order to reduce pressure on the students.
- A grading system has been put in place for the evaluation of studemts pursuing Diplomas, as it minimises misclassification of students on the basis of marks, reduces societal pressure, and provides more flexibility to the learner.
- The syllabus has been revised from 2018-19 onwards for providing industrial training to final year students for a period of six months as part of the curriculum.
- On Screen Digital Evaluation System (OSDES) has been implemented in the Diploma schools under the State Board of Technical Education & Training, Hyderabad for quick and error-free evaluation of the answer scripts.



Telangana State Board of Intermediate Education

One of the Leading Education Boards in the Country

- IT based solutions for Administration, Pre & Post Exam Processing
- Integrating OMR / ICR technology in result processing
- Moving from e-Governance to m-Governance
- Virtual classrooms and digital lesson Content
- Online services for Students and College Managements
- Free Education, Free Text Books to all the Government College Students and Scholarship to all the eligible students
- Students Counsellors, Special Classes for Slow learners and Digital lesson content
- Vision to modernize vocational education and upgrade vocational laboratories and Centre of Excellence
- Collaboration with Centurion University, ICAI and Ministry of Skill Development & Entrepreneurship, Govt. of India
- Special focus on Drop outs, 40 short term vocational courses
- E-Office and Web based file management



P. Sabitha Indra Reddy
Minister for Education
Government of Telangana



Sri K. Chandrashekar Rao
Chief Minister of Telangana

Research Institutions



Hyderabad is a well-known hub for scientific research and innovation. As per the Scimago Institutions Rankings (SIR) that ranked more than 5,000 research institutions and universities from across the world, Hyderabad is home to 17 of the 158 institutions from India that rank among the top 1,000 institutes across the world.

Moreover, the city-based Indian Institute of Chemical Technology (IICT) and National Institute of Pharmaceutical Education and Research (NIPER) have been placed at 5th and 6th positions among the institutes from India in the world's 500 best research institutions ranking.

Even as most of the top research institutions from the city are Central government-funded, like institutions affiliated to the Council of Scientific and Industrial Research (CSIR), University of Hyderabad, IIT-Hyderabad and Defence Research and Development Organisation (DRDO), state-funded Osmania University, Nizam's Institute of Medical Sciences (NIMS) and JNTU-Hyderabad have also found place in the top 1,000 institutions of the world.

Apart from these, there are other prestigious private institutions like LV Prasad Eye Institute, IIIT-Hyderabad and ICRISAT.

There are also two institutions from Warangal -- Kakatiya University (690) and the National Institute of Technology (705) -- that figured in the list of world's top 1,000 research institutions.



SPORTS

Education

Sports Authority of Telangana State (SATS)

The Authority-established sports institutions in the state are duly providing the children free boarding and lodging facilities, scientific coaching with highly-qualified coaches and hygienic diet and exposure trips for tournaments, as well as academic education.

SATS identifies talented sports persons and provide them best facilities and systematic training so as to enable the players attain their peak performance in National and International arenas. Some of the initiatives undertaken by SATS include:

- Cycling & Wrestling Academy (BOYS)-Cycling Velodrome, Hyderabad
- Athletics Academy (BOYS)-Khammam
- Hockey Academy (BOYS) – Wanaparthy
- Volleyball Academy (BOYS & GIRLS) – Indoor Stadium, Saroornagar, Ranga Reddy





Budget

The sports annual budget offers grants separately to the schools and sports academies and the state government offers regular sports scholarship to meritorious sports person from school levels. Tax exemptions are offered to sports person and to encourage organisation of sports events, funds are offered under the corporate social responsibility initiative.



Initiatives to Promote Sports in School Education

- Sports activities are included in the students' curriculum
- Development of playgrounds and fitness facilities in schools.
- Awareness on fitness-related diseases like Obesity.
- Non-physical sports activities like videos games and electronic gadget games are controlled
- Student capability of mental strength is developed and escaped from student stress life

Yuvatarangam

The Department of Collegiate Education provides opportunities to students to exhibit their talents by participating enthusiastically in curricular, co-curricular and extracurricular activities. Every year, the Department conducts Yuvatarangam, a festival of excellence, to encourage the students of Government Degree Colleges to participate in various Sports, Cultural & Literary events as per the prescribed guidelines and schedule .

The festival encompasses all principals, lecturers, stakeholders, students, non-teaching staff and academic administrators at the college level. The services rendered by all the staff are acknowledged and appreciated. The students are awarded with various prizes for their success in various fields like:

- a. Cultural and Literary
- b. Sports and Games and
- c. Excellence in Academics



Suchitra Academy

Ensnconced in lush greenery, Suchitra Academy has an amazing campus. The 200,000 sq. ft state-of-the-art campus has everything a school needs to impart world-class education from modern classrooms to world class sports infrastructure. We are the first school in the twin cities to have a fully equipped state-of-the-art TV Studio for in-house Audio Visual productions as well as training students in the skills of operating the equipment and software (Cameras, mixers, light controls, sound recording, editing etc.).

Children get opportunities to design, record, edit and produce content across the school. ETV has helped us set up the studio and it indeed is a matter of great pride for us.

We have set up a badminton academy with seven world class courts and a state of the art gymnasium where children from around India and abroad come and train. PV Sindhu, the Olympic silver medalist and World Champion comes to Suchitra every day and does her physical fitness apart from her on court corrections and strategy.

The multi-sport facilities on premises give us added limelight for promoting sports such as Basketball, Football, Cricket, Swimming, Badminton, Karate, Kho-kho, Athletics, Tennis and Indoor games such as Chess, Carroms, Swimming and Table-tennis.

We offer the CBSE, IGCSE and IEYC curriculum. Our academic curriculum combined with a multitude of co-curricular activities, dedicated teachers, best-in-class facilities and Sports Infrastructure—all go into creating an 'inspiring learning environment' that naturally brings out the best in every children.



Praveen Raju
- Founder of Suchitra Academy



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TSWREIS

(Telangana Social Welfare Residential Educational Institutions Society) : Empowering the underprivileged

Telangana Social Welfare Residential Educational Institutions Society (TSWREIS), under the Ministry of Scheduled Caste Development, Government of Telangana, has been passionately working to place the poorest among the Scheduled Castes in the prosperous orbit through quality education for the last 35 years. This society with 268 institutions and around 1,50,000 students has been providing quality education in English medium upto graduation. Due to its invincible position in the global public residential education map, the TSWREIS continues to attract many educators from different parts of the country and the world every year.

TSWREIS with 1,49,680 students covers roughly 10% of cohorts among all SCs in Telangana. TSWREIS runs high schools, junior colleges, and degree colleges covering both arts and sciences. This is more girl-centric with 175 institutions giving education to 1,02,720 girls. This includes 14000 young women who escaped the clutches of early marriage to pursue higher education. The TSWREIS has been working earnestly in providing quality English medium education to poor children on par with the other advantaged children in the country.

TTWREIS

(Telangana Tribal Welfare Residential Educational Institutions Society) : Empowering the underprivileged

Education is indispensable for ensuing development among Tribals to determine their prosperity, success and security in life. In this direction, the Tribal Welfare Department, Telangana State is making every effort to provide quality education to the Tribals in the State. The Tribal Welfare Department is running 2311 Educational Institutions catering to a student strength of 2.15 lakhs. The Department is running Govt Primary Schools, Hostels, Ashram Schools (Telugu medium), Post Matric College Hostels and TTWREIS (Gurukulams)(English medium).

Telangana Tribal Welfare Residential Educational Institutions Society (TTWREIS) has been running 180 residential educational institutions (from 5th standard to Degree) in Telangana State under the Ministry of Tribal Welfare, Government of Telangana. TTWREIS has evolved with a motto to provide quality education to the children and provide a better future to Tribal Communities.





Chief Minister Makes Minority Welfare and Development Top Priority in Telangana Govt Programmes

The **Chief Minister** strongly believes that education is the fire to light the candles of social, political and upward mobility along with economic transformation. The Hon'ble Chief Minister gave the utmost priority to the education of the marginalized children by sanctioning 104 new schools and 30 Degree Colleges for Women. He has become a legend in his own time for espousing the cause of the poorest of the poor in the society.

The Department of Minorities Welfare was created in the year 1993. The main functions of the Department are: Introduce schemes to promote accelerated socio economic development of minorities, Introduce educational concessions for students of minority communities, Implement schemes for development of women and children of minority communities, Provide training and employment opportunities, thereby tackling the problem of economic backwardness among minorities, Provide guidance to those in the minority communities wanting to set up entrepreneurial ventures etc.



Key State Initiatives to provide Inclusive Education



**Student Admission
Management**



**Student
Information**



**Certificate
Management**



**Account
Management**



**Academic Audit
Management**



Other Link

DOST



The Government of Telangana has introduced Online Admissions for Under Graduate Courses (B.A./B.Com./B.Sc./B.B.A/etc..) in the State of Telangana since 2016 through web-based system called Degree Online Services, Telangana (DOST).

DOST was introduced to conduct online admissions for UG courses by following the merit- cum-rule of reservation in all the Degree Colleges, like University Constituent Colleges, Government Degree Colleges, Private Aided Degree Colleges and Private Unaided Degree Colleges, etc., with the following features:

DOST is a student- friendly and effortless way to apply for undergraduate courses.

DOST helps the student in selecting his/her choice of courses in undergraduate level with all the information he/she wishes to have.

DOST minimizes the efforts and maximizes the students' choices to opt for an undergraduate course.

DOST is a web-based system which enables the UG admissions seeking students to take admissions in UG courses through web portal <https://dost.cgg.gov.in>.

Online Admissions for Under Graduate courses were successfully conducted for last four Academic Years from 2016-17 to 2019-20 through DOST-2016, DOST-2017, DOST-2018 and DOST-2019 respectively.



ICT Enabled Digital Classrooms

K-Yan : K-Yan is a holistic solution towards providing an interactive learning environment in the school.

- The Learning tool for the proposed solution is based on an Integrated and Innovative Technology Platform.
- All in One Device: which combines the functionality of a Computer, Projector, Large Screen TV, DVD Player, Audio System and more into a single unit?
- 4200 K-Yan's supplied to the elementary and secondary schools in all over the state. The teacher is the core of K-Yan and innovations around it. It enables a teacher to focus on teaching rather than technology.

'Future Classroom', a solution which is a digital learning zone for teachers, students and parents to experience 21st century skills such as critical thinking, communication, collaboration and creativity.

- Future Classroom is a blended solution for schools to accelerate teaching and learning by engagement, collaboration and administration.

The objective of the solution aims to achieve the following:

- Transform the teaching
- Improve integration of technology
- Encourage students to become creators
- Accelerate learning
- Google Future classroom developed in Govt. High School, Vijaya Nagar Colony, Hyderabad.

Total 1090 Digital Lessons: This have been developed for Class-VI to Class-X of all subjects by State Institute of Educational Technology, Hyderabad.

- Transmitting daily five lessons i.e. from Class-VI to Class-X through T-SAT Vidya Channel in allocated periods as per the Academic Calendar.
- At School level, students are watching these digital lessons through... ROT /Cable TV/ Internet/ T-SAT App.

Offline mode: Digital lessons uploaded in Hard disks/K-Yans which were supplied by the Department to the schools, to utilise at their convenient time.

100% Aadhar Linkage of the Students

- The Adaptive Behavior Assessment System (ABAS) implemented in 9,349 Government & local body schools across 13 districts of Telangana on pilot basis in the year 2018-19.
- These schools have covered attendance of 629,642 students and 488,24 teaching and non-teaching staff in the State.
- Devices supplied to the schools to capture the attendance 1:100 ratio.
- Teacher attendance was implemented successfully and leave and OD module was also included in the device to mark and track the 100% teacher accountability.

- With the Instructions of MHRD, GOI, the Aadhar Enrollment Programme was implemented for taken the school Age Children (8 to 18 Years)
- This will help to avoid duplicate enrollment and Providing entitlements to the children under Direct Benefit Transfer (DBT) system.
- Targeted Children: 58,10,490 & 16 to 18 Years age studying Intermediate Level
- Activity: New Aadhar Enrolment, Updation of Biometrics (Finger Prints, Iris)
- Aadhar Enrolment Kits Available: 1343
- Tenure of the Programme : 24 months
- Developed webportal for Monitoring of the Enrolment:-<http://ae.tsschooledu.com:8080/Govt>

Shades of Telangana



COURSES OFFERED:

Under Graduate Programmes (B.Tech) :
1. Civil Engg., 2. Electrical and Electronics Engg., 3. Mechanical Engg., 4. Electronics and Communication Engg., 5. Computer Science and Engg., 6. Metallurgical Engg., 7. Chemical Engg., 8. Information Technology, 9. Mining Engineering.

Post Graduate Programmes (M.Tech) :
1. Structural Engg, 2. Geo-Technical Engg, 3. Electrical Power Engg, 4. Power Electronics, 5. Thermal Engg, 6. Advanced Manufacturing Systems, 7. Engineering Design, 8. Energy Systems, 9. Systems & Signal Processing, 10. Digital Systems & Computer Electronics, 11. Transportation Engg., 12. M.Tech Embedded Systems, 13. M.Tech Computer Science, 14. M.Tech Cyber Forensics and Information Security, 15. M.Tech Metallurgy, 16. M.Tech Computer Science & Engg., 17. M.Tech Information Technology, 18. M.Tech Electrical Power Systems, 19. M.Tech Bio-Technology, 20. M.Tech Chemical Technology, 21. M.Tech Environmental Management, 22. M.Tech Spatial Information Geomatics, 23. M.Tech Spatial Information Technology, 24. M.Tech Nano Technology, 25. M.Tech Water and Environmental Technology, 26. M. Tech Software Engg., 27. M. Tech Computer Networks and Information Security 28. M.Tech Data Science.



**Jawaharlal Nehru
Technological University
Hyderabad**

Kukatpally, Hyderabad - 500 085
(Telangana)

Tel : +91-40-23156115

Fax : +91-820-2570062

E-mail : dap@jntuh.ac.in

Website : www.jntuh.ac.in

JNTUH is situated in a sprawling 89-acre campus at Kukatpally, Hyderabad. The University has four constituent Engineering colleges, one at Hyderabad, one at Kondagattu (Jagtial), one at Manthani and one at Sultanpur (Medak Dist.) and three academic units in the Main Campus, IST, SIT, SMS in addition to twelve administrative Units. JNTUH is accredited by the National Assessment and Accreditation Council (NAAC) as an 'A' Grade University.

The Constituent Engineering Colleges and Units of JNTUH are offering B.Tech. courses in 9 branches, M.Tech in 27 specializations, M.Pharmacy in 3 specializations, M.Sc. in 4 specializations, MBA and MCA, and Five-year Integrated Dual Degree Masters Programme in 10 specializations with M.Tech./MBA. Additionally, MS, M.Phil and Ph.D programmes in various disciplines of Engineering, Technology, Science, Management and Humanities & Social Sciences are offered. The University has Memoranda of Understanding (MoU) with many International and National organizations/universities/ institutions/ industries.

The University offers B.Tech in 21 branches; B.Pharmacy, M.Tech. in 55 specializations; M. Pharmacy in 10 specializations; MCA, MBA, Pharma.D and Pharma.D (PB) programmes in affiliated colleges in addition to the Constituent Units of the University. JNTUH has 282 Affiliated Colleges. They include 192 Engineering Colleges, 76 Pharmacy Colleges and 14 stand-alone MCA/MBA colleges spread over 31 Districts of Telangana State. It has over 2.50 Lakhs of students on rolls.

FACILITIES: Hostel, Sports, Medical, Library.

HOSTEL : JNTUH have hostel facilities for both boys and girls. The hostels are under the control of respective Principal/Director. One Hostel Manager for each College/Unit and one Deputy Warden for each hostel are appointed from teaching faculty to take care of the students. Student representatives are also involved in maintenance of the hostels. This year one girls hostel namely Gayatri Hostel was constructed in the main campus at Kukatpally, Hyderabad.

LIBRARY COLLECTION:

Print Books : No. of Volumes: 91,569, No. of Titles: 33,936, No. of References: 9,230, No. of CERN Books: 3,500, SC Integrated Book Bank: 5739, ST Integrated Book Bank: 3,147, Donated Books: 5,106.

Print Journals: Indian: 201; Foreign: 36; Back Volumes: 3,330

Thesis : Ph.D: 1,507; M.Phil: 140

e-Resources: e-journals (approx) 30,418, Databases/Packages as per AICTE: 18 Nos (University funded) + 17 Nos (UGC Inlibnet funded), e-Books (perpetual access): 3,682.

M.Pharmacy: 1.M. Pharmacy Pharmaceutical Analysis & Quality Assurance, 2. M. Pharmacy Pharmaceuticals, 3. M. Pharmacy Pharmacognosy.

M.Sc: 1.M.Sc.Analytical Chemistry, 2. M.Sc Organic Chemistry, 3. M.Sc Bio-Technology, 4. M.Sc Micro-Biology. Master of Computer Applications (MCA) Master Business Administration (MBA)

IDP: 1. B.Tech in (Civil Engg) + M.Tech. in (Structural Engg), 2.B.Tech in (EEE) + M.Tech in (Power Electronics), 3. B.Tech in (Mech. Engg) + M.Tech in (Manuf. Sys.) 4. B.Tech in (Mech. Engg) + M.Tech in (Thermal Engg), 5. B.Tech in (ECE) + M.Tech in (CSP), 6. B.Tech in (CSE) + M.Tech in (CS) MBA

M.Phil & Ph.D. Part Time Post Graduate Courses in M.Tech

No. of Semesters: 02

Fee Structure:

Tuition Fees (Semester wise): Rs. 15,000/-
Hostel Fees (Semester wise): Rs. 12,000/-

Vice-Chancellor: Sri Jayesh Ranjan, IAS

Advantage
TELANGANA





Buddha Statue, Hussain Sagar lake , HYDERABAD, INDIA



Industrial Demand



The government has set up the Telangana Academy of Skill and Knowledge (TASK), a society that functions as a nodal agency for all IT related skill development activities in the state.

TASK addresses the problems of unemployment in Telangana. The aim of TASK is to provide enough number of readily employable graduates in Telangana by improving their skills and knowledge. This initiative bridges the gap between the industry demand and the available skill sets.

EMPLOYMENT-READY GRADUATES: TASK collaborates with the ICT industry, academia, and the Government to make graduating students industry-ready. TASK will also train the trainers by facilitating faculty skill gradation up across educational institutions with the most updated "industry- synched" course curriculum. This facilitated through a faculty development program in association with the ICT Industry. TASK also aim to uses the online media as an effective mechanism to transfer knowledge to students.



Competitive Advantage

An English speaking population



Telangana has a huge English speaking population which makes the delivery of educational products easy. The State government has introduced English medium in more government schools in order to increase enrollment of students in state-run educational institutions. Therefore, the government has imparted education in English medium in more schools without compromising on the importance of the Telugu language.





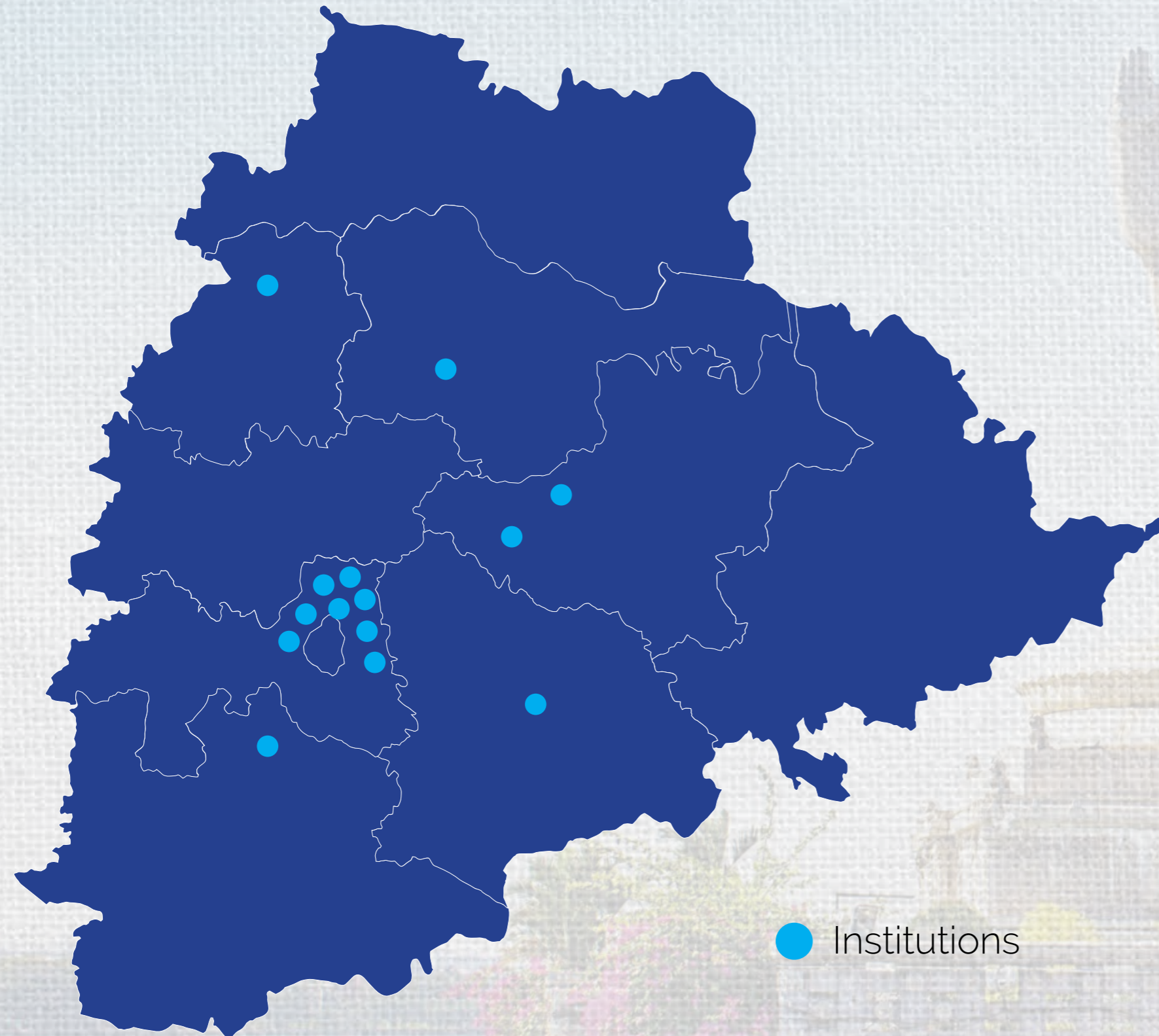
Proactive Governance



- Reward for outstanding students, teachers and those who have contributed to the system
- Disruption of the system" by introducing multidisciplinary courses and flexible and seamless movement between disciplines and avoid "Silos in education
- Introduction of skill development courses and promotion of excellence based on "interest and capability
- Collaboration with "Best of Breed" institutions and exchange of faculty, students and researchers to develop a "Global Mindset"
- Involvement of all stakeholders in the decision making
- Real time monitoring of funds transfer, utilisation for effective management of finances
- Introduction of skill development courses and promotion of excellence based on "interest and capability



Home to well known institutions



Hyderabad holds a rich academic tradition and houses some of the most premier educational institutions of the country. It incorporates a large number of universities, management colleges, research centers and technical institutes.

Osmania University, University of Hyderabad, English and Foreign Language University (EFLU), and Maulana Abul Kalam Azad National Urdu University, Jawaharlal Nehru Technological University Hyderabad (JNTUH) and Hyderabad Central University are featured as one of the top universities in the country for academic excellence, as per Ministry of Human Resource Development's survey conducted among 3,500 higher educational institutions.

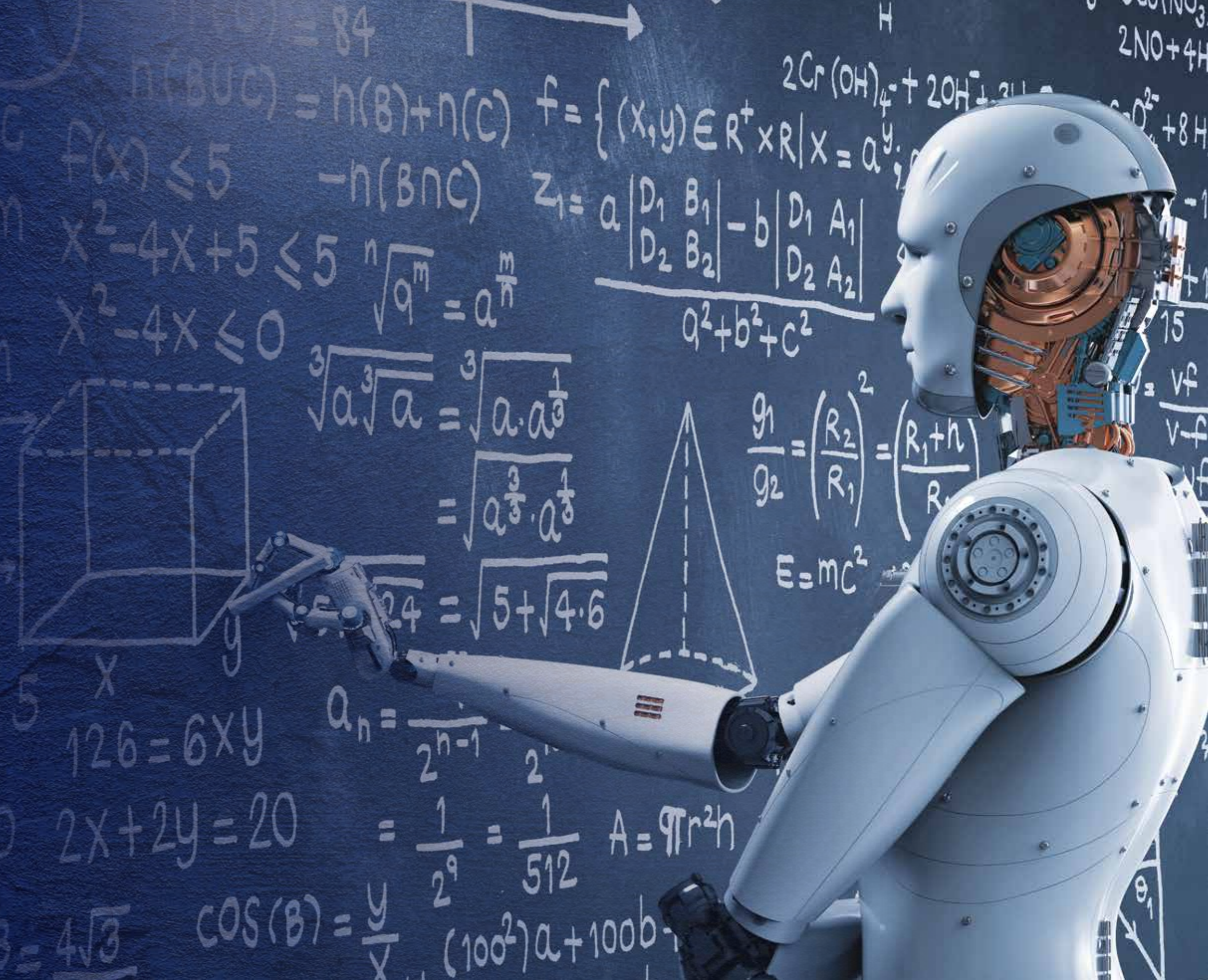
Hyderabad is home to several research institutes such as the Indian Institute of Chemical Technology (IICT), Centre for Cellular Microbiology (CCMB), National Remote Sensing Agency (NRSA), National Institute of Nutrition (NIN) and some of India's premium defense laboratories and space institutes.

Indian School of Business (ISB), Indian Institute of Technology (IIT), ICICI Knowledge Park, Tata Institute of Social Science Research, Narsee Monjee, ICFAI, Tata Institute of Fundamental Research and T-Hub are continuing to boost Hyderabad's status as a Higher Education hub of the country.

National Institute of Technology, Warangal, IIIT, Basar (RGUKT), IIT, Medak, and more than 300 private engineering and medical colleges and business schools are also significantly contributing and working as a catalyst.



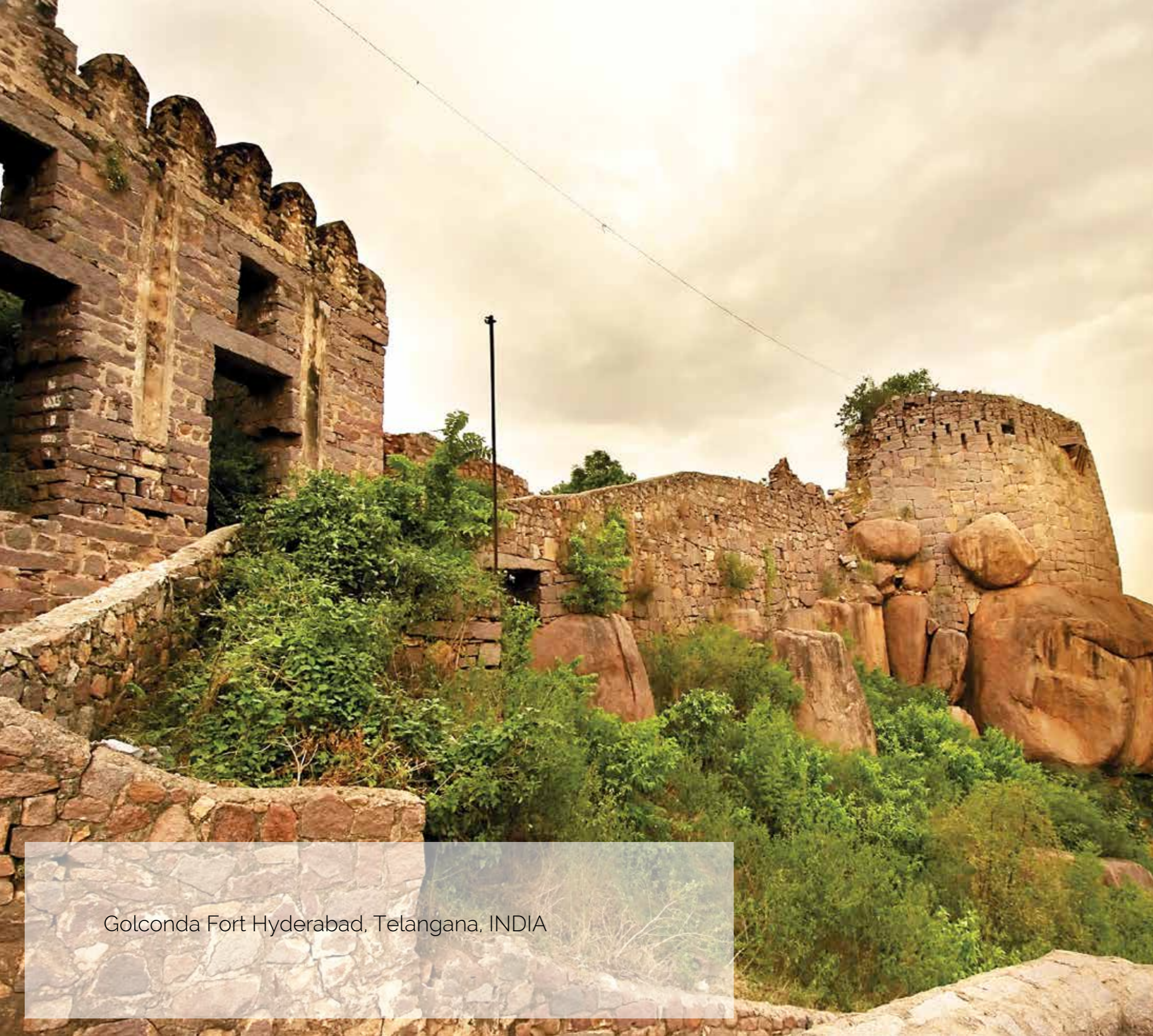
Technology
Deployment in
School & Higher
Education



T Haazaru

To strengthen the online attendance system, the Department of School Education, Telangana, has introduced the T Haazaru Mobile App that has been specially designed to maintain everyday attendance report for both teachers and students across state-run government schools. The app, which can be easily downloaded from the Google Play Store, requires headmasters and principals in all government schools to upload attendance data every day before 10.30 am. The App not only ensures that teachers do not remain absent from schools for a long period of time but also helps the government to collate data for policy formulation.

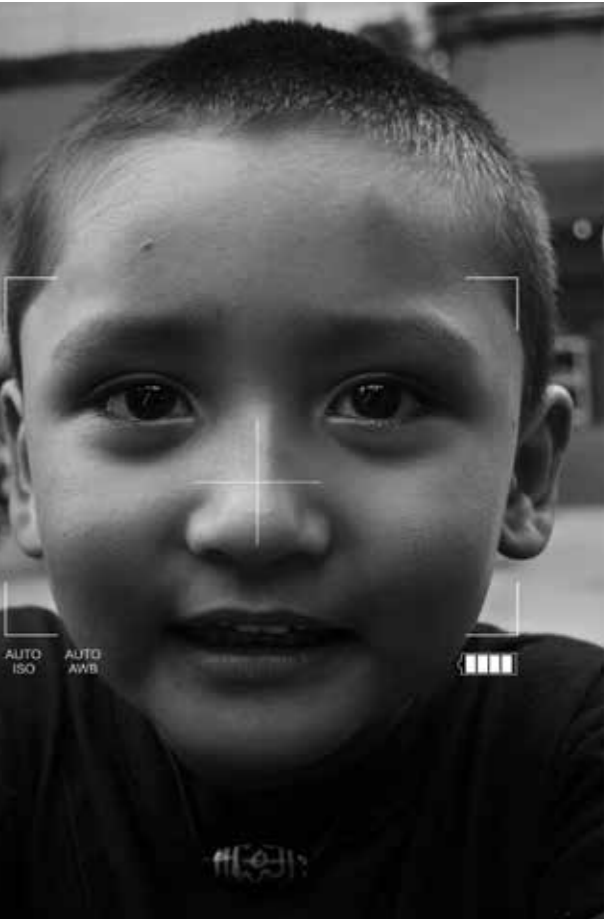




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Biometric Attendance



Both, the Departments of School Education and Higher Education have initiated biometric attendance in the HoD and had channelized for an MoU between the affiliating Universities of GDCs and TSTSL for initiation of biometric attendance in all the colleges across the state. This has enabled an increase in student attendance, which in turn has resulted in good results among students. These have covered attendance of 6,29,642 students and 48,824 Teaching and Non-teaching staff in the State.

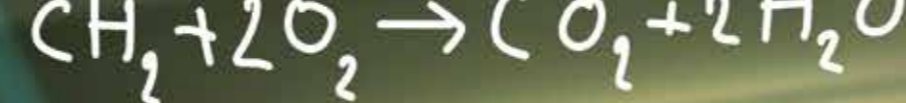


MOOCs/ Virtual Classrooms



The Department has initiated offering courses on MOOCs/Virtual Classrooms to reach the students in the remote places of the state. In the initial stage, the Department has introduced Geography, Mass Communication & Journalism, Sociology and Psychology.

To meet the requirement, Virtual Classrooms were setup in 37 GDCs with the RUSA funds. And in 15 other colleges, Virtual Classrooms were setup from the college accumulated funds.



$$Q^2 = S^3 \left(\frac{1}{2} + \frac{1}{1}\right)$$
$$1+1^2 = ?(x+y^2) + \sin x - \cos x$$

$$(x^2 - 14)(1 + 2 - x)$$

$$(x+y)^2 = \left(\frac{x}{2}\right)^3$$
$$= m^2 \quad 1+1^2 = ?(x+y^2) + \sin x - \cos x$$

$$\infty = x^2 - 2^1$$

$$\frac{MX}{Z} = ?$$

Learning



$$(x+y)^2 = \left(\frac{x}{2}\right)^3$$
$$= m^2 \quad 1+1^2 = ?(x+y^2) + \sin x - \cos x$$

$$\infty = x^2 - 2^1$$

$$\frac{MX}{Z} = ?$$

$$\sin x + \cos x = ?$$



$$1x - 2y = (1a + 2a)^2 = \infty$$
$$(x^2 - 14)(1 + 2 - x)^2 = ?$$

education

$$(x^2 - 14)(1 + 2 - x)$$

$$1+1^2 = ?(x+y^2) + \sin x - \cos x$$

e-content

The Department has initiated development of e-Content for effective transaction of curriculum. The e-content developed subject wise will be shared among all the GDCs to reach the students for e-learning. This will enable the students to get exposed to the digital content on the subject and get the knowledge of open educational resources. The department has developed the digital infrastructure (by providing smart boards) in all the GDCs in the state and provided training to the selected faculty members on proper and effective utilization of the Digital Materials.



e-Office



To improve the quality efficiency and accountability of work, the Commissionerate of Collegiate and Technical Education is working on e-office from 1st Nov 2019 and all the GDCs, including the colleges located in remote locations, were successfully working on e-office .



Artificial Intelligence in Higher Education

The Commissionerate Collegiate Education has recently entered MoU for upskilling their faculty in Artificial Intelligence. The project scope is to provide hands-on higher and advanced education in the field of advanced Artificial Intelligence, data engineering, and advanced computing to the faculties and students.





Education 4.0
TELANGANA
Leading the Way

Future of Learning

- Google had launched its first future classroom in the country at the Government High School (GHS), Vijay Nagar Colony two years ago.
- This future classroom has been providing a visual and hands-on experience to students in the form of virtual classrooms by adopting different strategies such as flipped classrooms and tools such as Robo Compass, Mathematics Mantra, Geo-Gebra and Brain Gym.
- The 21st century workplace is highly volatile and complex. Surviving and succeeding in this scenario demands a comprehensive set of competences, so much so that the term “employability” has metamorphosed into a much broader entity encompassing a multitude of skills.
- Keeping this in mind, TASK regularly launches new skilling initiatives with creative pedagogies to ensure a more sustainable value addition to the educational ecosystem of the state.
- The Government of Telangana and the Department of ITE & C have been working on various initiatives such as the VLSI academy, Blockchain district and others, which will open numerous entry-level opportunities for the youth.
- Society for Telangana State Network (SoFTNET) is an initiative from the Department of Information Technology, Electronics and Communications of the Government of Telangana State to provide quality education harnessing the potential of satellite communications and Information Technology. T-SAT-Nipuna Channel telecasts Educational programmes to enhance academic performance of the students along with creating awareness in career prospects. T-SAT is installed in 105 Government Degree Colleges of Telangana state. It can communicate 1 way video and 2 way audio.



Tech Disruptions in the Education Sector



Technology is the Key

The rise of automation and digitization has given the online learning experience further boost, with smart technologies such as machine learning (ML) and natural language processing (NLP) coming into play.

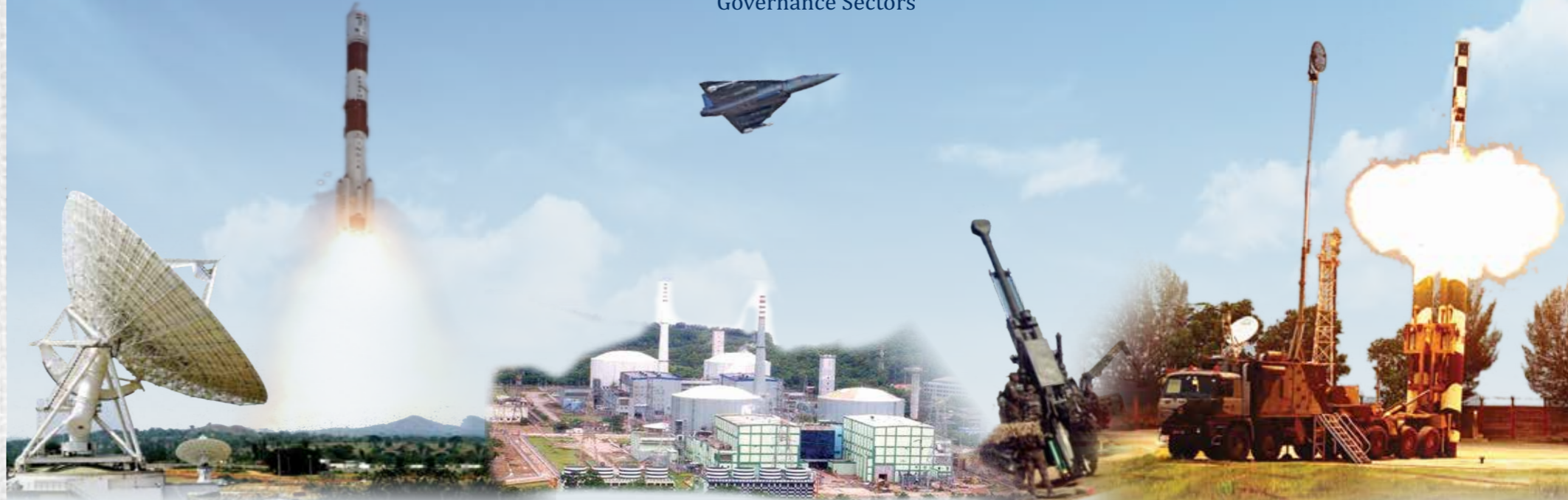
In Telanagana state the technologies can study certain interactions and gather actionable insights for platforms through tracking various data points and keywords.

Live Classes are Emerging as the Hottest Trend Disrupting the offline coaching industry.



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A multi-technology company that provides

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Portfolio



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- ❖ Electronic Surveillance and Warfare Systems, Command and Control Systems, Radio Communication Equipment and Electronic Fuzes.
- ❖ Antenna Systems, V-SAT Networks, Cockpit Voice Recorders, Inertial sensors and Actuators.
- ❖ Integrated Security Systems, Electronics Jammers and Encryption equipment.
- ❖ Telecommunication equipment, IT and e-Governance solutions.



इलेक्ट्रॉनिक्स कॉरपोरेशन ऑफ इंडिया लिमिटेड
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A Government of India (Department of Atomic Energy) Enterprise
Hyderabad - 500 062, Telangana

CIN No: U32100TG1967GOI001149
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www.ecil.co.in
Telefax: +91 40 27120671

Imparting Quality Education through Technology Deployment

e-content


The Department has initiated development of e-Content for effective transaction of curriculum. The e-content subject developed wise will be shared among all the GDCs to reach the students for e-learning. This will enable the students to get exposed to the digital content on the subject and get the knowledge of open educational resources. The Department has developed the digital infrastructure (by providing smart boards) in all the GDCs in the state and provided training to the selected faculty members on proper and effective utilization of the Digital Materials.

T-SAT Nipuna


T-SAT Nipuna telecasts Educational programmes to enhance the academic performance of the students and also create awareness on various career prospects. During the academic year 2018-19 in the total number of live programmes was 143, which included interactive programmes, Student as a Teacher programme, Panel Discussions, Pair Teaching, Special live telecast and Individual lessons from experts.

Growth of AI


Artificial Intelligence is no longer just contained in science fiction films. It is going to be part of our everyday lives and in our classrooms. The increasing adoption of the AI technology for various applications in the education sector and growing need for multilingual translators integrated with the AI are expected to drive the growth of AI in the education market.

An advertisement for Punjab National Bank's Education Loan. It features a young woman in a graduation cap and gown holding a diploma, standing next to a woman in an orange sari. The text is in Hindi and English. The PNB logo is in the top right corner. Social media icons and the website URL are at the bottom right.

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Kakatiya University. Warangal (Telangana State)

Vision: Transforming the University into a Centre of Excellence Ensuring Quality, Access, and Values

Mission: Acquiring commanding heights in the fields of Innovation, Knowledge Dissemination, Cutting-edge Research, Competency building and Extension activities with Holistic approach for Societal needs

The University began its journey in 1967 as a Post-graduate Centre of Osmania University in Warangal. It was established as **Kakatiya University** on 19th August, 1976 and incorporated in the State Universities Act (Act 44 of 1976). The University is located in the historical city of Warangal, the erstwhile seat of the Kakatiya Dynasty.

It is spread in a sprawling campus of **640 acres** comprising 7 colleges on its lush green campus. It has four satellite campuses, at Subedari, Kothagudem, Khammam and Nirmal



The territorial jurisdiction of the University covers 12 districts of Telangana: Adilabad, Bhadradi Kothagudem, Jangaon, Jayashankar Bhupalpally, Khammam, Komurambheem Asifabad, Mahabubabad, Mancherial, Mulugu, Nirmal, Warangal Rural and Warangal Urban


Recognition under the Ministry of Human Resource Development, Government of India



2f and 12B (1978)
Graded Autonomy (1998)



Placed in Band-II (2018 & 2019)




A-Grade in 2018 with augmented CGPA of 3.36




The only Women's Engineering College in the State of Telangana



Air-conditioned Auditorium with a seating capacity of 1500. The building also houses Student Support Wings



Identified as **Mentor University** under **PARAMARSH** Scheme of the UGC



<https://www.kakatiya.ac.in/>



Kakatiya University. Warangal (Telangana State)

About 2.25 lakh students pursue various higher education programs in 18 constituent and 483 affiliated colleges. Of these, 66 Post-graduation, 298 Under-graduation, 8 Engineering, 3 Law, 25 Management, 25 Pharmacy, 02 Physical Education, 06 MCA, 02 Hotel Management, 47 Education, and 3 Physical Education institutions, and a Open and Distance Learning (ODL) Centre.

The University brings out 4-Journals. The faculty and students publish Research Papers widely in Peer reviewed Journals having **515.9372 Cumulative Index Factor**



ICT Enabled Classrooms & Seminar Halls



Sports Arena with Indoor Stadium



The University has 14 Hostels (separately for Boys & Girls) accommodating 4000 Students Separate Student Support Wings for Curricular, Extra-curricular, Literary, Cultural, Sports, Placements and Career Counselling programs

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- Bachelor of Hotel Management & Catering Technology
- Master of Arts
- Master of Tourism Management
- Master of Social Work

Faculty of Science*

- Bachelor of Science
- Master of Science
- Master of Computer Applications

Faculty of Commerce & Business Management

- Bachelor of Commerce*
- Bachelor of Business Administration
- Bachelor of Business Management
- Master of Commerce*
- Master of Business Administration

Faculty of Pharmaceutical Sciences

- Bachelor of Pharmacy
- Pharm (D)
- Master of Pharmacy
- Pharm D (PB)

Faculty of Engineering & Technology

- Bachelor of Technology
- Master of Technology

Faculty of Education

- Bachelor of Education
- Bachelor of Physical Education
- Master of Education
- Master of Physical Education

Faculty of Law

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Skilling & Vocational Education

Skill Development- TASK: Telangana Academy for Skill and Knowledge (TASK) addresses the problems of unemployment in Telangana. The aim of TASK is to provide enough number of readily employable graduates in Telangana by improving their skills and knowledge. This initiative bridges the gap between the industry expectations and the available skill sets.

Short Term Vocational Courses: There are 24 short term Vocational Courses. The State Institute of Vocational Education wing in the Commissioner of Intermediate Education is authorized to conduct examinations and issue certificates. The State Institute of Vocational Education is conducting 3 months, and 1-year duration certificate courses for the benefit of dropouts and others, like SSC failed / pass, Inter failed/ passed throughout the state. It is aimed at improving the employable skills and employment i.e., both wage and self-employment.





Integration of Mainstream & Vocational Education



To bridge the gap between academics and skills, the Telangana State Council of Higher Education (TSCHE) has proposed to initiate additional vocational training in higher education institutes.

To meet this demand and fill the skills gap, the Telangana government is planning to provide vocational training to students at the intermediate as well as undergraduate levels. As per the proposal, students will be trained in any of the selected vocational skills along with their regular courses.

Although the Industrial Training Institutes (ITIs) and the Advanced Training Institutes (ATIs) are already offering exclusive vocational courses at the Intermediate level, but the government still feels that students from technical education lack skills despite their well-designed curriculum and this is affecting their chances of getting jobs in the industry.



Industry-Academia Collaborations



CCoE

The Cybersecurity Centre of Excellence (CCoE), a joint initiative of Government of Telangana and Data Security Council of India (DSCI) has inaugurated a new CoE at Manjeera Trinity Corporate in Hyderabad.

CriAA

The State government, in association with Intel, IIT Hyderabad and Public Health Foundation of India (PHFI), will set up a Centre for Research in Applied AI (CriAA), which aims to make a major impact in domains such as mobility, healthcare and smart cities.

T Hub

The largest incubator in India for startups, T-Hub is a PPP between the Telangana government, three of India's leading academic institutes International Institute of Information Technology, Hyderabad, Indian School of Business, Hyderabad and National Academy of Legal Studies and Research, Hyderabad and the private sector. The initiative has raised \$186 million funding.



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TASK

TASK is a non-profit organisation created by the Telangana government has for bringing synergy among institutions of government, industry and academia with an aim to offer quality human resources and services to the industry. The objective is to skill the graduates to be job and industry-ready.

Hy-Fi

Telangana government has launched the pilot version of Hyderabad City Wi-Fi Project in 2017. The pilot project has seen the government partner with ISPs to provide free Wi-Fi at approximately 100 public category locations across the city including malls, tourist locations, public offices, police stations, government schools, and colleges, etc. The number has now covered over 2000 locations.

FiberGrid

T-Fiber aims to connect every household, government institution and private enterprise across the rural part of the state through optical fiber and provide them with high-speed internet connectivity.

T-Works

It is India's largest hardware prototyping centre, aiming to create a culture of hobbyists, makers, and innovators. The objective is to facilitate entrepreneurs to design, develop, and test innovative hardware products in the areas of electronics, mechanical, mechatronics through active collaboration with industry, academia, investors, experts, and other stakeholders.



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Satavahana University, Karimnagar



Mahatma Gandhi University, Nalgonda



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Centre for DNA Fingerprinting and Diagnostics (CDFD), Hyderabad



Nuclear Fuel Complex (NFC), Hyderabad



National Academy of Agricultural Research Management (NAARM), ICAR, Hyderabad



Indian Institute of Chemical Technology (IICT), Hyderabad



Defence Research Development Organization (DRDO), Hyderabad



National Institute of Rural Development, Hyderabad



Centre for Cellular and Molecular Biology (CCMB), Hyderabad



National Geophysical Research Institute (NGRI), Hyderabad



Directorate of Rice Research (DRR), ICAR, Hyderabad



Osmania Medical College, Koti, Hyderabad



Gandhi Medical College, Musheerabad, Secunderabad



Defence Metallurgical Research Laboratory (DMRL), Hyderabad



National Institute of Pharmaceutical Education and Research, Hyderabad



Nizam's Institute of Medical Sciences (NIMS), Hyderabad



Kakatiya Medical College, Warangal



Government Medical College,
Nizamabad



Rajiv Gandhi Institute of Medical
Sciences, Adilabad



Mamata Medical College,
Giriprasad Nagar, Khammam



Deccan College of Medical
Sciences, Hyderabad



Dr. Ravi Gupta, Founder Elets Technomedia, presenting memento to Mr. Navin Mittal, IAS, Commissioner, Collegiate and Technical Education Department, Government of Telangana at Telangana Innovation Summit, Hyderabad.

GITAM University

Gandhi Institute of Technology and Management
(popularly known as GITAM) was established at Visakhapatnam in the year 1980. GITAM was declared as a Deemed to be University in August 2007.

Within a short span, the University has grown into one of the premier universities in the country. It is spread over three picturesque campuses at Visakhapatnam, Hyderabad and Bengaluru, with 20 Institutes, 10 Faculties, 52 Departments and 10 Research Centres. With a multidisciplinary approach, the University has been offering 190 programmes at UG, PG and Doctoral levels in diverse disciplines - Technology, Science, Pharmacy, Management, International Business, Architecture, Humanities, Law, Medicine, Nursing and Gandhian Studies.

The University has today over 22,000 regular full-time students, about 1200 research scholars and well over 90,000 students in distance mode hailing from almost all parts of the country. The University has a well qualified and committed team of over 1500 fulltime faculty members and more than 40% of them are Ph.D. holders.

A fully air-conditioned Central Library, known as Knowledge Resource Centre has a rich collection of over 34 lakh books including e-learning resources, periodicals, national and international journals. A Super Computer was set up with 10G backbone and a sophisticated high-end Wi-Fi network which covers all the three campuses.

The faculty members have undertaken major research projects with financial assistance from funding agencies such as UGC, DST, DBT, DAE, DRDO, CSIR, MoES and BARC. They have also taken up several research projects sponsored by HPCL, NTPC, VSP, VPT, Dr. Reddy's Labs etc. Several incentives are being worked out for encouraging research publications, research & consultancy projects, etc.

So far, 16 patents have been awarded and another 40 patents filed are under different stages of processing.

Recognizing the holistic education that the University is imparting, the Ministry of Human Resource Development, Govt. of India, ranked GITAM as Category-'I' University among the universities of its kind. The NAAC has accredited the University with 'A+' grade. The University Grants Commission recognized GITAM as a research University and accorded 12-B status. It is matter of great satisfaction that GITAM figured in the top 100 ranks in NIRF in 2019 out of nearly 4000 higher educational institutions evaluated by NIRF.

In order to steer the Institution to achieve planned growth on a long-term basis, a Vision – 2025 document has been formulated. The University aims to build a lifelong partnership with students, faculty, staff and public and private enterprises.

- Attractive scholarships/fee concessions worth over Rs. 30 crores have been introduced from the last academic year to attract meritorious students from all over the country.



Programs offered at GITAM Hyderabad

B.Tech (UG - 4 Years) <ul style="list-style-type: none"> ➤ Aerospace Engineering ➤ Civil Engineering <ul style="list-style-type: none"> - Civil with AI & ML ➤ Computer Science & Engineering <ul style="list-style-type: none"> - CSE with IoT - CSE with Cyber Security - CSE with AI & ML - CSE with Data Sciences ➤ Computer Science & Business Systems ➤ Electronics & Communication Engineering <ul style="list-style-type: none"> - ECE with VLSI Design - ECE with IoT - ECE with AI & ML ➤ Electrical & Electronics Engineering <ul style="list-style-type: none"> - EEE with Robotics and Automation ➤ Mechanical Engineering <ul style="list-style-type: none"> - Mechanical with Smart Manufacturing - Mechanical with AI & ML - Mechanical with Electric & Hybrid Vehicles 	M.Tech (PG - 2 Years) <ul style="list-style-type: none"> ➤ Computer Science Engineering <ul style="list-style-type: none"> - CSE with Data Sciences ➤ Computer Aided Structural Engineering ➤ Electronics Design Technology ➤ Manufacturing Technology & Automation ➤ Mechanical Engineering with CAE 	B.Pharmacy (UG - 4 Years)
BA (UG - 3 Years) <ul style="list-style-type: none"> ➤ English, Psychology, Political Science ➤ English, Media Studies, Visual Communication ➤ Economics, Statistics, Mathematics 	B.Sc (UG - 3 Years) <ul style="list-style-type: none"> ➤ Chemistry (Hons) with Mathematics & Computer Science ➤ Physics, Mathematics & Computer Science ➤ Statistics, Mathematics & Computer Science ➤ Data Science ➤ Food Technology ➤ B.Sc (Blended) in association with University of Melbourne 	B.Architecture (UG - 5 Years)
MA (UG - 3 Years) <ul style="list-style-type: none"> ➤ English, Psychology, Political Science ➤ English, Media Studies, Visual Communication ➤ Economics, Statistics, Mathematics 	M.Sc (PG - 2 Years) <ul style="list-style-type: none"> ➤ Analytical Chemistry ➤ Organic Chemistry ➤ Data Science 	MBA with Dual Specialization (PG - 2 Years) <ul style="list-style-type: none"> ➤ Business Analytics ➤ Finance ➤ Operations & Supply Chain Management ➤ Marketing Management ➤ Human Resource Management
MA (PG - 2 Years) <ul style="list-style-type: none"> ➤ MA English 	MA (Research Programs - Part / Full Time) <ul style="list-style-type: none"> ➤ M.Phil. & Ph.D. in English 	Executive MBA (PG - 2 Years)
MA (Research Programs - Part / Full Time) <ul style="list-style-type: none"> ➤ M.Phil. & Ph.D. in English 		BBA & B.Com (UG - 3 Years) <ul style="list-style-type: none"> ➤ BBA ➤ BBA with CIMA ➤ BBA (Financial Markets with NSE Academy) ➤ BBA (Business Analytics) ➤ BBA (Logistics) ➤ BMS (Aviation) ➤ BBA (Travel & Tourism) ➤ BBA (Financial Investment Analysis) ➤ B.Com (Hons) with ACCA ➤ BBA (Emerging Technologies - 4 Years)



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